# RAMCO AVIATION SOLUTION ENHANCEMENT NOTIFICATION Version 5.8.9

Finance

©2020 Ramco Systems Ltd. All rights reserved. All trademarks acknowledged

# ramco

©2020 Ramco Systems Ltd. All rights reserved. All trademarks acknowledged.

This document is published by **Ramco Systems Ltd.** without any warranty. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose without the written permission of **Ramco Systems Limited.** 

Improvements and changes to this text necessitated by typographical errors, inaccuracies of current information or improvements to software programs and/or equipment, may be made by Ramco Systems Limited, at any time and without notice. Such changes will, however, be incorporated into new editions of this document. Any hard copies of this document are to be regarded as temporary reference copies only.

The documentation has been provided for the entire Aviation solution, although only a part of the entire solution may be deployed at the customer site, in accordance with the license agreement between the customer and Ramco Systems Limited. Therefore, the documentation made available to the customer may refer to features that are not present in the solution purchased / deployed at the customer site.

# Contents

WHAT'S NEW IN PAYABLES MANAGEMENT?	7
Ability to auto match draft order invoice to Fresh/Authorized upon completion of	
goods receipt	7
Background	7
Change Details	7
Ability to auto hold auto match failed invoices based on an option	10
Background	10
Change Details	10
Ability to Manage Accounting and Invoicing for on behalf procurement of Service I	PO13
Background	13
Change Details	13
Provision to book cost to WO for Order Invoice Variance where parts are not availal	ble
in inventory	15
Background	15
Change Details	15
Ability to enable bulk upload of Order Invoices	17
Background	17
Change Details	17
Ability to record bulk invoices from Supplier	20
Background	20
Change Details	20
Ability to capture remarks in AP Hub	24
Background	24
Change Details	24
Ability to enable Supplier Debit Credit Notes in OCR based Invoicing	25
Background	25
Change Details	25
Ability to access the uploaded copies of the Invoices in Payment batch screens	27
Background	27
Change Details	27
Report on TDS with TDS Details and Supplier Information	30
Background	30

Change Details	30
Ability to define TDS threshold and auto apply TDS on invoices when the value	
exceeds the threshold limit	.34
Background	34
Change Details	34
Ability to print Pay Voucher Summary Report	.36
Background	36
Change Details	36
WHAT'S NEW IN RECEIVABLES MANAGEMENT?	39
Ability to provide automatic adjustment of customer debit/credit notes with	
reference documents	.39
Background	39
Change Details	39
Ability to auto default GST and TDS in Customer Debit Credit Note based on Sales T	ax
Rules	.43
Background	43
Change Details	43
WHAT'S NEW IN FIXED ASSETS MANAGEMENT?4	47
Ability to capture Analysis Code in Asset Record during Automatic and Manual	
Capitalization	.47
Background	47
Change Details	47
Improvements in Manual Capitalization with single and multiple asset generation ar	nd
Performance Optimization in Fixed Assets Hub	.49
Background	49
Change Details	49
Ability to display Asset Records with Part Attributes for Review in FA Hub	.52
Background	52
Change Details	52
Ability to enable Tracking ID Asset Generation, Asset Automation (LOT Controlled	
Parts) and MAT Mapping	.56
Background	56

Change Details	
Ability to post depreciation cost with Analysis Code in Asset Record	62
Background	62
Change Details	62
Ability to compute Depreciation based on number of days	64
Background	64
Change Details	64
Ability to enable flip and marking of retirement of Asset/Tag	66
Background	66
Change Details	66
Ability to include Analysis Code in Asset Initial Balance Transfer and Retirement	
Screens	67
Background	67
Change Details	67
Ability to include Analysis Code in FA Reports	69
Background	69
Change Details	69
Reports on Asset Scrappage	71
Background	71
Change Details	71
WHAT'S NEW IN MANAGEMENT ACCOUNTING?	73
Ability to enable capture of Budget and Forecast for all accounts including Balan	nce
Sheet accounts	73
Background	73
Change Details	73
Ability to generate report to provide profitability statement with cost center structure	ucture
as columns	76
Background	
Change Details	76
Ability to generate cost profitability report with dynamic columns	78
Background	78

#### Ability to retrieve the cost centre based on aircraft model for Usage/Fixed

Price/External Services Revenue	80
Background	80
Change Details	80

#### 

### 

Change Details

Ability to define GL Allocation at line level	85
Background	85
Change Details	85

#### Ability to generate numbering information based on transaction date for Finance

Transactions	87
Background	
Change Details	87
Ability to record Labour Accounting before task closure	89
Background	89
Change Details	89
Ability to Manage Accounting for Part Sale Return	91
Background	

## Ability to display Budget in Balance Sheet Report and enhance to report information

for all Finance book with budget and forecast comparison	92
Background	92
Change Details	92

### Ability to extract Income Statement by Cost Center and to enable drilldown from

Review Financial Statements	94
Background	94
Change Details	

83

# WHAT'S NEW IN PAYABLES MANAGEMENT?

# Ability to auto match draft order invoice to Fresh/Authorized upon completion of goods receipt

Reference: APRP-120

#### Background

Draft Order Invoice primarily signifies that Invoice is received from the Supplier for the parts that are not physically received in the warehouse. Additionally, there is no Goods Receipt registered for the parts that are received from the Supplier. Currently in such a scenario, application allows the invoice to get saved in 'Draft Status' with the Purchase Order information alone. After the actual receipt of those parts in the warehouse, the invoice has to be manually matched by the user to 'Matched' or 'Authorized' status. This enhancement is to automate this process of auto matching of invoice to next status post GI completion.

#### **Change Details**

#### OU Parameter Setup

The following set options are added in the **Set Finance Process Parameters** for auto matching Draft Invoices upon completion of GI under Parameter level - 'Organization Unit Level' Business Process 'Payables Management' and Category 'Order Based Invoice'

- 1. Enable retrieval and processing of order lines for Pre-GI Invoices Permitted Values: Enter '0' for 'No' and '1' for 'Yes'.
- 2. Auto Match Draft Order Invoices to Matched/ Authorized Status upon GI Completion Permitted Values: Enter '0' for 'No' and '1' for 'Yes'.
- 3. Status of auto matched draft invoices upon GI Completion Permitted Values: Enter '0' for 'Matched' and '1' for 'Authorized'
- 4. Auto Default 'Retrieve Order Info.' check box in Maintain Invoice Permitted Values: Enter '0' for 'No' and '1' for 'Yes'.
- 5. Default 'Decision Pending with buyer' for Auto Match failed Invoices Permitted Values: Enter '0' for 'No' and '1' for 'Yes'.

#### Note:

- 1. Only if the set option 'Auto Match Draft Order Invoices to Matched / Authorized Status upon GI Completion' is set as 'Yes', the invoice will get auto upgraded to next status based on background routine.
- 2. When the set option 'Auto Default 'Retrieve Order Info.' check box in Maintain Invoice' is set as 'Yes', the checkbox will be checked on screen launch else.

- Based on the 'Decision Pending with buyer' option set in Set Finance Process Parameters, the option will get saved as 'Yes' or 'No' for the invoices which are auto processed as Auto Match Failed Invoices.
- 4. Only when set option 'Enable retrieval and processing of order lines for Pre-GI Invoices' is set as 'Yes' the 'Get Pre-GI Order lines.' checkbox will be enabled.
- 5. Even if the set option for auto upgrade is set as 'Matched' or 'Authorized', if the variance exceeds the limit set for Auto-Match tolerance, the invoice will get upgraded to Auto-Match Failed status.

#### Exhibit 1:

Represents the changes done in **Maintain Invoice** screen for Draft Invoice in the **Supplier Order Based Invoice** business process



#### Details of the feature:

- A background routine (scheduler) to be introduced, which will be triggered upon GI acceptance, if the set option "Auto Match Draft Order Invoices to Matched/ Authorized Status upon GI Completion" is set as Yes.
- This scheduler will check for the GI completion against the Order lines in the draft Invoices which are recorded without GI information (either manually or through OCR or any other integration).
- Order # will be matched by the scheduler with the GI and if GI is completed for all the parts and quantities, the invoice lines will be split based on the GIs and its quantity, without manipulating the Invoice Rate, Invoice Qty.
- The Draft Order Invoice will get auto upgraded to Matched / Authorized status based on set option for

Invoice status: Status of auto matched draft invoices upon GI Completion.

- The date of the Order Invoice will be based on the latest GI Confirmation date or Original invoice date whichever is later, since Invoice date cannot precede the GI confirmation date.
- This will be applicable for Invoices which are generated in draft Status through OCR integration with Order lines in it, when GIs are not fully completed.
- 'Allocate Pre-GI Inv.' button can be used to manually match a draft invoice and retrieve the GI information, post which Invoice can be saved in Matched and authorized.
- The User Defined -1 and User Defined -2 combo will get loaded from Finance Setup Quick Codes defined for the entity: 'Order Invoice User Details-1' and 'Order Invoice User Details-2'.
- On click of Return button, Return remarks will be mandatory.
- On click of Delete button, deletion remarks will be mandatory.

### Ability to auto hold auto match failed invoices based on an option

Reference: APRP-135

#### Background

Currently, the 'Hold Invoice for Payment' field is selected manually by the buyer or AP user as the case may be when the Auto Match Failed Invoices is force matched. At times, even when the Variance is not agreed and classified as 'Supplier Receivable', invoices are not being held for payments till the time the credit memo is obtained from the Supplier. Hence the requirement is to always hold auto match failed Invoices if it is 'Supplier Receivable'. Similarly, even for matched Invoices there is no provision to hold the invoices during creation. In this enhancement, ability to auto default the hold pay value is provided while force matching the invoice as well during normal matching.

#### **Change Details**

#### **OU Parameter Setup**

Three new process parameters are added under the Parameter Level 'Organization Unit Level', Business Process 'Payable Management' and Category 'Supplier Order Based Invoice' in the Set Finance Process Parameters activity of the OU Parameter Setup business component.

- Process Parameter "Default Hold Pay in Maintain Invoice" with the permitted value "Enter '0' for 'No', '1' for 'Yes' and '2' for Based on Selection".
- Process Parameter "Default option for Hold Pay in Match Invoice for Variance Accounting: Supplier Receivable" with the permitted value "Enter '0' for Hold '1' for Hold if not selected and '2' for Based on Selection".
- Process Parameter "Default Hold Pay in Match Invoice for Variance Accounting: Expense off" with the permitted value "Enter '0' for No '1' for No if not selected and '2' for Based on Selection".

<b>^</b>	Financo	e Setup 🔸 OU Parameter Setu	ip > Set Finance Process Parameters	· · · · · · · · · · · · · · · · · · ·				
* 8	Se	t Finance Process Parame	ters		RAM	CO OU-Ramco Role 🦄	- x 0 🛱	← ?
- Sea	rch Crit	eria						
_		Parameter Level Organiz	ration Unit Level 🔹	Business Process Payable Management	•	Category Suppl	lier Order Based Invo	pice 🔻
- Sea	rch Res	ults						
	1	- 12/30 🕨 🍽 🕂 🗇 🛞 🎙	Ϋ́	人业日	x 🗷 × 📽 🗙 🖡 🗰 🖬 🞋 %	All	<ul> <li>Search</li> </ul>	Q
#		Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1		Payable Management	Supplier Order Based Invoice	Auto Default 'Get Order Lines' check box in Maintain	Enter `0' for `No' and `1' f		Defined	
2		Payable Management	Supplier Order Based Invoice	Auto Match Draft Order Invoices to Matched / Authorized	Enter '0' for 'No' and '1' f	Parameters	Defined	
3	12	Payable Management	Supplier Order Based Invoice	Auto-Match Order Amended Invoices	Enter '0' for 'No' and '1' f		Defined	
4		Payable Management	Supplier Order Based Invoice	Auto generate Supplier Invoices for closed POs/ROs with	Enter '0' for 'No', '1' for 'res.	1	Defined	
5		Payable Management	Supplier Order Based Invoice	Default Numbering Type for Auto generated Invoices	Enter a valid Numbering Type	the SI	Defined	
6		Payable Management	Supplier Order Based Invoice	Default 'Decision Pending with buyer' for Auto Match failed	Enter '0' for 'No' and '1' for 'Yes'.	1	Defined	
7		Payable Management	Supplier Order Based Invoice	Default Hold Pay in Match Invoice for Variance Accounting:	Enter '0' for No '1' for No if not selected and	`2′ 0	Defined	
8		Payable Management	Supplier Order Based Invoice	Default option for Hold Pay in Match Invoice for Variance	Enter '0' for Hold '1' for Hold if not selected	0	Defined	
9		Payable Management	Supplier Order Based Invoice	Default Hold Pay in Maintain Invoice	Enter '0' for No '1' for Yes and '2' for Based	on 0	Defined	
10		Payable Management	Supplier Order Based Invoice	Enable retrieval and processing of order lines for Pre-GI	Enter '0' for 'No' and '1' for 'Yes'.	1	Defined	
11	1	Payable Management	Supplier Order Based Invoice	Generate Direct Exec. Cost JV against AME for Invoice Rate	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
12		Payable Management	Supplier Order Based Invoice	Generate Direct Exec. Cost JV against SWO for Invoice	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
		4						•
1								
				Set Parameters				

#### Exhibit 1: Identifies the set Finance Process Parameters screen

#### Supplier Order Based Invoice

#### Maintain Invoice

A new drop-down field "Hold Pay" is added in the 'Payment Information' section of the **Maintain Invoice** screen. This field is added as a display field in the **View Order Based Invoice** screen. The "Hold Pay" field gets defaulted on launching the maintain invoice screen based on the process parameter "Default Hold Pay in Maintain Invoice" set in **Set Finance Process Parameters** screen of the **OU Parameter Setup** business component.

- If the process parameter is set as '0' (No), the system defaults the field with the value 'No'.
- If the process parameter is set as '1' (Yes), the system defaults the field with the value 'Yes'.
- If the process parameter is set as '2' (Based on Selection), the system defaults the field with the value as blank and error will be available for the user to select this option during creation of Invoice.
  - Note: Irrespective of the set option, the Hold Pay value can be changed by the user.
  - In case of Scanned Invoices generated automatically through OCR process, the Hold Pay value given in the input will have preference irrespective of the set option.

#### Exhibit 2: Identifies the Maintain Invoice screen

A > Payables Management > Supplier Order Based Invoice > Mainta	in Invoice	<b>a</b>		
🖈 🔲 Maintain Invoice			RAMCO OU-Ramco Rol	• • × 🖨 🛱 🗲 📰 ? 🗔 🖪
Invoice Information				
Invoice # SI-000906-2019 O Clear	Invoice Category	Purchase Order	Status	Draft
Invoice Date 27-11-2019	Finance Book	AVEOS 🔻	Numbering Type	SI 💌
Currency CAD -	Exchange Rate	1.00000000	Draft	Yes 💌
Comments	Return Remarks		Deletion Remarks	
Supplier Information				
Supplier # 00000 = Q	Supplier Name	Supplier 2	Pay Term	N030D000 00.0 Q
Pay To Supplier # 00000	Pay To Supplier Name	Supplier 2	Anchor Date	27-11-2019
Sup. Invoice # 24352	Sup. Inv. Amount	27,000.00	Sup. Inv. Date	27-11-2019
Part/Order Level T/C/D Information Invoice Level T/C/D Information				
Default Tax Key	Tax Exclusive	7		
(				Search O
# Dispace Line # Order #	O Ref. Doc. Type	Ref. Doc. #	Ref. Document Date	Entity
1 E 1 P04-000116-2019			nen botanien bate	POCOST
2 POA-000116-2019				POCOST
3				
4				۱.
Get Details 🛛 Get Pre-GI Order lines	Allocate-	Pre-GI Inv.		
	Con	pute		
Invoice Value Details				
Value Excluding T/C/D 27,000.00	Taxes	0.00	With-holding Tax	0.00
Charges 0.00	Discounts	0.00	Salvage Value	0.00
Non-Payable Taxes 0.00	Total Invoice Amount	27,000.00	Total Proposed Amount	27,000.00
Payment Information				
Payment Processing Point RAMCOOU New drop-o	IOWN Electronic Payment	No 🔻	Payment Priority	Low 🔻
Payment Method Regular Field added	Payment Mode	Cash 👻	Auto Adjust	No 🔻
Held Pay Ma	Pay Rei.Details		Payment Instructions	
Action on Variance				
Decision Pending with Buyer Yes V				
User Defined Details				
User Defined Detail -1	User Defined Detail -2	-	User Defined Detail -3	
User Defined Detail -4				
Save	Save & Authorize	Delete		Return
Pay Schedule	Upload Documents		View Associated Doc. Attachments	
Create Adjustment	Record Addl. Charges on CO-Services			
Invoice Summary	Accounting Information		Attach Notes	
View Purchase Order	View Repair Order		View Loan Order	
View Release Slip	View Billing Supplier Information		Maintain Tax Invoice	
	Created by DMUSER		Created Date 27-11-20	19
	Last Modified by		Last Modified Date	

#### Match Invoice

On click of "Match Invoice" pushbutton, the "Hold Invoice for Payment" field is updated based on the process parameter "Default option for Hold Pay in Match Invoice for Variance Accounting: Supplier Receivable" set in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component, when the "Variance Accounting" field is selected as 'Supplier Receivable'.

- If the process parameter is set as '0' (Hold), then the system always updates this field as 'Yes', if the field is left blank (not selected by the user). If the Hold Pay Value is selected as 'Yes' then the system saves the invoice with 'Yes' as Hold Pay value and if the Hold Pay option is selected as 'No' the system validates the user to select the same as 'Yes' to match the invoice.
- If the process parameter is set as '1' (Hold if not selected), then the system updates the field as 'Yes', if the field is left blank only (not selected by the user). If the Hold Pay Value is selected as 'No' or 'Yes' then the system saves the invoice with the selected Hold Pay value for this option.
- If the process parameter is set as '2' (Based on Selection), then the system updates the Hold Pay Value as 'No' or 'Yes' as selected by the user. If the Hold Pay option is blank, then the system validates the user to select the same.

On click of "Match Invoice" pushbutton, the "Hold Invoice for Payment" field is updated based on the process parameter "Default Hold Pay in Match Invoice for Variance Accounting: Expense off" set in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component, when the "Variance Accounting" field is selected as 'Expense Off'.

- If the process parameter is set as '0' (No), then the system always updates this field as 'No', if the field is left blank (not selected by the user). If the Hold Pay Value is selected as 'No' then the system saves the invoice with 'No' as Hold Pay value and if the Hold Pay option is selected as 'Yes' the system validates the user to select the same as 'No' only.
- If the process parameter is set as '1' (No if not selected), then the system updates the field as 'No', if the field is left blank (not selected by the user). If the Hold Pay Value is selected as 'No' or 'Yes' then the system saves the invoice with the selected Hold Pay value.
- If the process parameter is set as '2' (Based on Selection), then the system updates the Hold Pay Value as 'No' or 'Yes' as selected by the user. If the Hold Pay option is 'blank', then the system validates the user to select the same.

#### Accounts Payable Hub & Approve Anywhere App

In Accounts Payable Hub and in Approve Anywhere mobile application, while Matching Order invoices, the same rules as in Match Invoice is implemented.

# Ability to Manage Accounting and Invoicing for on behalf procurement of Service PO

Reference: APRP-487

#### Background

For General PO, when purchase is made on behalf of a Customer which is a Group Company, accounting can be enabled to be posted in the Destination Company based on set options. Similarly, Invoicing can be done in the Destination Company. The requirement is to extend the existing framework of General PO to Adhoc and Service PO.

#### **Change Details**

Based on the following set options (existing) in Finance Setup -> Organization Setup -> Maintain Options for Partner Transactions, accounting and invoicing on behalf procurement of Adhoc PO and Service PO will be done

Process Parameter	Permitted Values
Enable Automatic Accounting on behalf of Dest.	Enter '0' for 'No' and '1' for 'Yes'
Company (Customer)	
Default FB for Recording Transactions for Trading	Enter valid Finance Book defined in Destination
Partner (Customer)	Company
Basis of Accounting in Destination Company	Enter '0' for 'Account Mapping' and '1' for 'Source
(Customer)	Account Code'
Invoicing for Purchase on behalf of Dest. Company	Enter '1' for 'By Dest. Company'
(Customer)	
Capex PO on behalf of Dest. Company (Customer)	Enter '0' for 'Not Allowed' and '1' for 'Allowed'
Consider Source Company CC and Analysis for Dest.	Enter '1' for 'Yes'
Company Accounting (Customer)	

When 'Enable Automatic Accounting on behalf of Dest. Company (Customer)' is set as 'Yes', GI postings and PO Postings is to be made in Destination Company. For 2 Way POs (Service & Adhoc) with Receipt Recording option is set as 'No GR', postings are to be made in Destination Company during Invoice authorization.

When Invoicing for 'Purchase on behalf of Dest. Company (Customer)' is set as By Dest. Company, invoicing and prepayment voucher will be enabled in the Dest. Company.



Exhibit 1: Identifies the Set Option in Maintain Options for Partner Transactions screen.

^ >	Fina	ance	Setur	> Organization Setup > Maintai	n Options for Partner Transactions			<u>~</u>				
* 1		Maiı	tain	Options for Partner Transact	ions					RAMCO OU	-ramco role 👻 🔀 🖨 🛱 🗲	• ? 🗔
Appli	Annirable Relations Set Ontions											
- Se	arch	by -										
				Defn. for Company Code 🔻	•	Tra	nsacting with	Company Code 💌	-	Option Category	Related Company - Customer 🛛 💌	
								Search				
	• Op	1	- 7/7	• • + - 🗆 » T 7				<u>له اا</u> ۲	🛛 🗙 🕺 🖡 🚧	010 👭 🞋 🛛 All	<ul> <li>Search</li> </ul>	Q
#				Process Parameter	Permitted Values	Value	Status	Error Message	Option Category	Last Modified by	Last Modified Date	
1				Enable Automatic Accounting on behalf	Enter '0' for 'No' and '1' for 'Yes'		Not Defined		Related Company - Cu			
2				Basis of Accounting in Destination	Enter '0' for 'Account Mapping' and		Not Defined		Related Company - Cu			
3				Consider Source Company CC and	Enter '1' for 'Yes'		Not Defined		Related Company - Cu			
4				Default FB for Recording Transactions	Enter valid Finance Book defined in		Not Defined		Related Company - Cu			
5				Invoicing for Purchase on behalf of	Enter '1' for 'By Dest. Company'		Not Defined		Related Company - Cu			
6				Capex PO on behalf of Dest. Company	Enter '0' for 'Not Allowed' and '1' for		Not Defined		Related Company - Cu			
7				Invoicing for Loan order on behalf of	Enter '1' for 'By Dest. Company'		Not Defined		Related Company - Cu			
8												
			4									•
							Sa	ve				

# Provision to book cost to WO for Order Invoice Variance where parts are not available in inventory

Reference: APRP-2

#### Background

Invoice Price Variance in Supplier Order Based Invoice arises when there is a difference in Order Value and Invoice Value. While authorizing the invoice, existing Background Routine (Scheduler) checks for the variances in Supplier Order Based Invoices to increase the part cost, to the extent of variance if the part is available in inventory. Variance in Supplier Order Based Invoice is posted to Variance account, while authorizing the invoice. Existing background routine (Scheduler) checks for the variances in Supplier Order Based Invoice and increases the part cost, if the part is available in inventory. If the part is not available in the inventory, then Regular Journal Voucher gets generated for Work Orders that are in closed status based on a set option to Post Invoice rate variance to AME/ SWO. This enhancement provides the ability to book cost to Work Order though Work Order JV for Order Invoice Variance when parts are not available in the inventory irrespective of the work order status.

#### **Change Details**

#### OU Parameter Setup

#### Set Finance Process Parameters

The following process parameters are modified under the Parameter Level 'Organization Unit Level', Business Process 'Payable Management' and Category 'Supplier Order Based Invoice' in the Set Finance Process Parameters activity of the OU Parameter Setup business component.

- i. The process parameter 'Generate Direct Exec. Cost JV against AME for Invoice Rate Variances if parts are not available for auto stock correction' is added with the Permitted value 'Enter '0' for 'No' and '1' for 'Yes'.
- ii. The process parameter 'Generate Direct Exec. Cost JV against SWO for Invoice Rate Variances if parts are not available for auto stock correction' is added with the Permitted value 'Enter '0' for 'No' and '1' for 'Yes'.



Exhibit 1: Identifies the Set Finance Process Parameters screen

<u></u>	Fina	nce Setup 🔰 OU Para	ameter Setup 🔰 Set Finance F	rocess Parameters			
*	I)	Set Finance Proce	ss Parameters		겨 틈	¢ + ?	
	earcl	n <b>Criteria</b> Parameter I	Level Organization Unit Level	Business Process     Payable Management	Category Supplier Order Base	d Invoice 🔻	]
	earch	1 Results					
	•	1 - 12 / 20 🕨 🕨	+ 🗗 T T,		14 🕺 All 🔻		Q
#		Business Process	Category	Process Parameter	Permitted Value	Value	Statu
1		Payable Management	Supplier Order Based Invoice	Auto generate Supplier Invoices for closed POs/ROs with 100% Prepayments	Enter '0' for 'No', '1' for 'Yes'.	1	Defin
2		Pavable Management	Supplier Order Based Invoice	Default Numbering Type for Auto generated Invoices against 100% Prepayments	Enter a valid Numbering Type as defined in	SI	Defin
3		Payable Management	Supplier Order Based Invoice	Generate Direct Exec. Cost JV against AME for Invoice Rate Variances if parts are not available for auto Stock Correction	Enter '0' for 'No' and '1' for 'Yes'	1	Defin
4		Payable Management	Supplier Order Based Invoice	Generate Direct Exec. Cost JV against SWO for Invoice Rate Variances if parts are not available for auto Stock Correction	Enter '0' for 'No' and '1' for 'Yes'	1	Defin
5		Payable Management	Supplier Order Based Invoice	Allow Progressing LO fetching for Invoice	Enter '0' for 'No' and '1' for 'Yes'	1	Defin
6		Payable Management	Supplier Order Based Invoice	Application of Default Tax key in Supplier Order Invoice	Enter "0" for Document Level and "1" for	1	Defin
7		Payable Management	Supplier Order Based Invoice	Rounding off : Range for the difference between Supplier Invoice Amount an	Enter a positive numeric Value.(e.g. Provide		Not C
8		Payable Management	Supplier Order Based Invoice	Rounding off : Default Charge Code for Positive difference (When Supplier In Process parameters	Enter a valid TCD code of type "Charge".		Not C
9		Payable Management	Supplier Order Based Invoice	Rounding off : Default Discount Code for Negative difference (When Total In modified	Enter a valid TCD code of type "Discount".		Not C
10		Payable Management	Supplier Order Based Invoice	Rounding off : Default cost center for Charge/Discount Code	Enter a valid Cost Center.		Not C
11		Payable Management	Supplier Order Based Invoice	Invoice Tolerance for Auto Matching based on	Enter '0' for 'None' and '1' for 'Rate' and '2'	2	Defin
12		Payable Management	Supplier Order Based Invoice	Invoice Tolerance for rate	Enter '1' for 'Percentage'		Not C
		4					۱.
				Set Parameters			

#### Supplier Order Based Invoice

Maintain Invoice/Authorize Invoice/Match Invoice

- A New Background Routine (Scheduler) is introduced to generate Work Order JV if the parts are not available in inventory. The Background Routine (Scheduler) is configured with a frequency of 5 mins.
- On authorization of Supplier Order Based Invoice with a variance, and posting to Invoice Price Variance, system checks whether the parts are available in inventory or not based on a Background routine (scheduler).
- Work Order JV gets generated only if the part is not available in inventory (not picked as part of scheduler) and part is issued to SWO or AME.
- The Accounting Information of Maintain Invoice screen is enhanced to show the account postings of the Work Order JV's generated through background routine (scheduler).
- WO JV gets generated with the Entity: Material cost, against the Task #, Seq. # to which the part is issued, with the Part # in the Item # field Comments & remarks as "Auto generated for Supplier Invoice Variance (Invoice #: <%1 Invoice #>)".
  - Note: Work Orders in all the statuses (Planned, In-Progress, Pre-Closed, Closed) are considered for Stock Correction and JV generation.

#### Reverse Invoice

• On reversal of Supplier Order Based Invoice having invoice rate variance, a new Work Order JV with reversal effect gets auto generated to reverse the impact of Invoice price variance.

## Ability to enable bulk upload of Order Invoices

Reference: APRP-129

#### Background

Bulk upload of Supplier Order Invoice signifies generation of multiple supplier order invoices at the same time. However, application currently supports creation of single Supplier Order Invoice though the **Maintain Invoice** screen. The requirement is to create a provision to generate bulk supplier order invoices at once especially where Suppliers provide the invoice information in bulk in excel spreadsheets at frequent intervals.

#### **Change Details**

Manage Supplier Expense Invoice Upload screen under the Accounts Payable Hub business component has been renamed as Manage Supplier Invoice Upload and now caters to bulk upload of Supplier Order Invoices in addition to Supplier Expense Invoices in Batches. Doc. Type dropdown loads with the option "Order Invoice" and "Expense Invoice" to choose the type of Invoice being uploaded.

#### **OU Parameter Setup**

#### Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for the Category 'Supplier Order Invoice' in the Set Finance Process Parameters activity of the OU Parameter Setup business component.

Process Parameter	Permitted Value
Default Doc. Status of Supplier Invoice upload for Order Invoices	Enter '0' for 'Matched' and '1' for 'Authorized'
Mandate Part # and Quantity information for Order Invoices in	Enter 0 for No and 1 for Yes
Supplier Invoice upload?	

If Default Doc. Status for Invoice generation is set as '0' then the Invoice will get generated in 'Matched' status and if it is set as '1', it will be generated in authorized status.

Note: However even when the set option is set as 'Authorized', but the Invoice Rate does not match with that of the Order and the same is beyond the tolerance for variance, the Invoice will be generated in 'Auto Match' failed status. Similarly, if the Total Invoice Amount does not match with the Supplier Invoice Amount, the Invoice will be generated in 'Matched' status only.

If the set option for Mandate Part # and Quantity Information is set as '0', then system will not mandate to provide the Part # against each line. Based on the PO # provided, invoice will be generated for all the Parts/Quantity that have been received at the time bulk invoice upload. Additionally, if the Part # details are provided, system will consider the same.

If the option is set as '1', then Part # and Quantity Information has to be mandatorily provided for each line of the invoice. If a PO has multiple parts, then the invoice has to be created with multiple lines i.e., one line for each part that is being invoiced.

#### Accounts Payable Hub

#### Manage Supplier Invoice Upload

- In the **Manage Supplier Invoice Upload** screen, all the header, multiline and TCD information available for Order Invoice creation is provided in the form of a single Multiline.
- The Supplier # and Supplier Invoice # are the key fields based on which the system will generate unique Order Invoice # under a batch.
- There is a column drop-down list box in the multiline 'H?' that loads with the value 'Y' and "N'.
  - Note: 'H?' can be provided as 'Y' for only first line of a unique Supplier # and Supplier Invoice #. It means that the same header information will be considered for rest of the lines with unique Supplier # and Supplier Invoice #.
- Order # and Part # details can be provided in the multiline along with the Supplier # and Supplier Invoice # and on click of 'Get', header information (Supplier Information) and Order Information (such as PO Currency, Invoice Category and Part Description) will get retrieved in the multiline for all the selected lines.
- On click of 'Get', the Anchor Date is defaulted based on the Pay Term definition and it can be modified if required.
- In case of 'Adhoc/Service POs',' Accounting Usage Drop Down' is available in the multiline, which is loaded with all the Usages mapped to the PO screen and the user has to provide the corresponding accounting usage for invoicing.
- There are 5 sets of TCD Information provided in the multiline which facilitates providing multiple taxes/charges/discounts max.5 for a given line applied at doc or line level. 'Tax Key' column is also available to default the taxes.
- Order Level TCD will be auto-inherited during Invoice generation.
- There is also a column called 'Upload File #' where system will check if the given file # is available in the APH Doc. Attachment folder. If available then the mentioned file will be uploaded to invoice upon generation of invoice directly.
- There is also a column 'E' in the multiline with values 'Y' and 'N'. It will get updated as 'Y' when the line has error on click of 'Save' with error description in the 'Error' column. All the errors will get displayed in the error column separated by pipe symbol.
- On click of 'Save', Batch # will get generated in the 'Upload Batch #' field in the header.
- Delete option is available in case where the entire batch is required to be deleted before being processed. This option can be exercised by retrieving a Batch that is in 'Fresh' status and then clicking on the 'Delete' button.
- On click of 'Process', the batch status will be updated as "Initiated". A background routine (Scheduler) will get executed post which the batch status will updated as 'Processed'.

# Note: Only if the Background Routine (Scheduler) is configured, invoices will be generated after the scheduler is executed.

- On click of 'Process' only invoice will get generated.
- After the background routine processes the Invoice information, if the information is error free, invoice will get generated in 'Matched' / 'Authorized' status based on status selected.
- On click of the 'Invoice #' hyperlink, the **View Invoice** screen will get launched.
- In case Invoice is not generated for any line due to error, those errors can be rectified and invoice can be

processed through the **Review/Process Scanned Invoices & Notes** screen or Invoice details can be again uploaded in a new batch.

 Invoice Count (No. of invoices successfully generated in the batch) and Control Total (Total Value of Invoices generated – irrespective of Invoice Currency) are introduced as a control check and the same can be viewed while retrieving a Batch that is in Processed Status.

1	> Pa	yables	Management > AP	INVOICIN	G HUB	> Manage Supp	lier Invoice Upload		<u> </u>							
*		Mana	ge Supplier Invo	oice Uploa	d	Ba	tch # generated						RAMCO OU-	ram	co role 👻 📿 🏹	<b>⇒ ←</b>
Payables Management > AP INVOICING HUB > Manage Supplier Invoice Upload          Image Supplier Invoice Upload       Batch # generated on upload         Batch Information       Upload Batch # BS0000077-2019         Doc.Type Order Invoice       Doc.Status         Invoice Count 3       Control Total 3321         Doc Details       Invoice Data         Inv. #       Status         Y       testim.001         00000       01-09-2020         Invoice Data       Status         H       1         -       Inv. #         Supplier Inv. Date       Supplier Inv. Date         Supplier Inv. Date       Supplier Inv. CAD         APO00358919       APO00358919         -       Invoice Out       APO00358919         -       Invoice Out       APO00358919         -       Invoice Out       Ot-09-2020       It-09-2020         -			essed													
Do	« •	1 -	6/6 🕨 🗰 🕇 🗕	• 🛛 💥 🍸	<b>X</b>				J	. <u>III 5</u> . × ×	• •	X ∓ ≠ III † % All			<ul> <li>Search</li> </ul>	(
	#		Inv. #	Status	H?	Supp. Inv. #	Supplier # ,0	Invoice Date		Supplier Inv. Date		Supplier Name	Currency		Order #	Q
	1	E			Y 🗸	test.inv.001	00000	01-09-2020		01-09-2020	iii	TEXTRON	CAD	~	APO00358919	
	2				N¥	test.inv.001	00000	01-09-2020	Ē	01-09-2020	iii	TEXTRON	CAD	¥	APO00358919	
	3				N¥	test.inv.001	00000	01-09-2020	i	01-09-2020		TEXTRON	CAD	~	APO00358919	
	4		DI-000049-0120	Matched	Υ 🗸	test.inv.002	00198	01-09-2020	Ē	01-09-2020	Ē	Supplier 9	CAD	×	REP-000179-2018	
	5		DI-000049-0120	Matched	N¥	test.inv.002	00198	01-09-2020	Ē	01-09-2020	Ē	Supplier 9	CAD	×	REP-000179-2018	
	6		DI-000050		rata	03 d	00268	01-09-2020	Ē	01-09-2020	Ξ	Supplier 11	CAD	¥	APO00145212	
	7			ce gene	in the second	u			Ē		Ē			×		
			for e	rror free	line	S										

#### Exhibit 1: Identifies the Manage Supplier Invoice Upload screen:

## Ability to record bulk invoices from Supplier

Reference: APRP-774

#### Background

Bulk Supplier Expense Invoice signifies generation of multiple supplier expense invoices at the same time. However, application currently supports creation of Single Supplier Expense Invoice though Create Expense Invoice screen. Also only single Supplier Expense Invoice can be created through invoice scanning (OCR) and also AP Invoice Hub. Provision is required to generate bulk invoices from supplier at once since it saves time and facilitates usability.

#### **Change Details**

A new screen **Manage Supplier Expense Invoice Upload** is introduced under the **Accounts Payable Hub** business component. This screen facilitates generation of bulk Supplier Expense Invoices

Help on Upload Batch # is also provided to retrieve the batch details.

#### **OU Parameter Setup**

#### Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for the Category 'Supplier Direct Invoice' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

Process Parameter	Permitted Value
Status of Invoices generated in Supplier Expense Invoice upload	Enter '0' for 'Fresh' and '1' for 'Authorized'

If the set option for Invoice generation is set as '0' then the Invoice will get generated in Fresh status and if its set as '1' then it will get generated in authorized status.

#### Accounts Payable Hub

#### Manage Supplier Expense Invoice Upload

- In Manage Supplier Expense Invoice Upload screen, all the header, multiline and TCD information available for Expense Invoice creation is provided in the form of a Multiline.
- Supplier # and Supplier Invoice # are the key fields based on which system will generate unique Expense Invoice # under a batch.
- There is a column drop-down list box in the multiline H? which loads with the value 'Y' and "N'.
  - Note: H? can be provided as 'Y' for only first line of a unique Supplier # and Supplier Invoice #. It means that the same header information will be considered for rest of the lines with unique Supplier # and Supplier Invoice #.
- On click of 'Get', header information (Supplier Information) will get retrieved in the multiline for all the selected lines.
- There are 5 sets of TCD Information provided in the multiline which facilitates providing multiple taxes max.5 for a given line applied at doc or line level.
- There is also a column called Upload File # where system will check if the given file # is available in the APH folder. If available then the mentioned file will get uploaded on generation of invoice directly.
- There is also a column 'E' in the multiline with values 'Y' and 'N'. It will get updated as 'Y' when the line has error on click of Save with error description in the Error column. All the errors will get displayed in the error column separated by pipe symbol
- On click of Save, Batch # will get generated in the Upload Batch # field in the header. All the validations for creation of Expense Invoice are handled in Save task. Batch Status will get updated as 'Fresh' on click of 'Save'.
- On click of 'Process', the batch status will get changed to initiated. A background routine (Scheduler) will get executed post which the batch status will get changed to processed.

# Note: Only if the Background Routine (Scheduler) is configured, invoices will get generated after the scheduler is executed.

- On click of 'Process' only invoice will get generated.
- After the scheduler execution, if the information is error free, invoice will get generated in Fresh / Authorized status based on the set option ion Set Finance Process Parameter.
- On click of the Invoice # link, View Expense Invoice screen get launched.
- In AP hub, a new tree node 'In upload' is added under Supplier Direct Invoice which will display the count of documents with Upload Batch #.
  - Note: The Batch # in initiated / Under Process status will form part of this tree node.

	Mana	age Supplier Exp	ense Invoid	ce Up	load									z‡ f	₩ 4
E	Manage Supplier Expense Invoice Upload       Upload Batch # P       Expense Invoice       Upload Batch # for Batch # for Batch # generation       Eatch Information         Invoice Stabs       Authorized ▼       Stabs       Invoice Date       Supplier #       Invoice Date       Supplier #       Supplier / Mane       Authorized       Authorized       V       SUP_AM1       0000       May/29/2019       May/29/2019       0014       ▼       TENTRON       Supplier 6       1       Invoice Date       Naviore Date       Navior														
#		Inv. #	Status	H?	Supp. Inv. #	Supplier #	ρ	Invoice Date	Supplier Invoice Date	Pay to Supplier #		Supplier Name	Pay to Supp. Name	Address Id	ρ
1			Authorized	Y 🗸	SUP_AM1	00000		May/29/2019	May/29/2019	00144	¥	TEXTRON	Supplier 6	1	
2			Authorized	N 🗸	SUP_AM1	00000		May/29/2019	May/29/2019	00144	¥	TEXTRON	Supplier 6	1	
з			Authorized	N 🗸	SUP_AM1	00000		May/29/2019	May/29/2019	00144	¥	TEXTRON	Supplier 5	1	
4			Authorized	Υv	SUP_AM2	00000		May/30/2019	May/30/2019	00144	¥	TEXTRON	Supplier 5	1	
5			Authorized	N 🗸	SUP_AM2	00000		May/30/2019	May/30/2019	00144	۷	TEXTRON	Supplier 5	1	
6		EXP-001237-2019	Authorized	Υ.~	SUP_AM3	00198		May/28/2019	May/28/2019	00198	۲	Supplier 9	Supplier 9	1	
7		EXP-001237-2019	Authorized	N 🗸	SUP_AM3	00198		May/28/2019	May/28/2019	00198	۷	Supplier 9	Supplier 9	1	
8		EXP-001237-20	Authorized	N 🗸	SUP_AM3	00198		May/28/2019	May/28/2019	00198	۷	Supplier 9	Supplier 9	1	
						4									
Reco	for error free lines Save Process														
						Created b	y DMU	SER				Created date Jun/03/2019			
						Last Modified b	y DMU	SER				Last Modified date Jun/03/2019			

#### Exhibit 1: Identifies the Manage Supplier Expense Invoice Upload screen:

#### Help on Upload Batch No.

A new help screen **Help on Upload Batch No.** is introduced in the **Manage Supplier Expense Invoice Upload** activity. This screen facilitates search and retrieval of the Batch # to manage bulk Supplier Expense Invoice upload.

The search can be carried out using the 'Batch # From and To", "Batch Status" and "Batch Date From and To".

The system retrieves all the Batch numbers associated to the expense invoice based on the search criteria entered. On confirmation, the selected batch number is transferred to the required page.

_								
Help	on	Jpload Batch No						≣ ₽ ?
	Gearch	Criteria						
		Batch	# from		to		Batch St	atus All 💌
		Batch Da	ite from	(iii)	to Jun/10/2019	(m)	Use	r ID
					Search			
	Batch	Information						
44	4	1 - 8 / 25 🕨 👐	T T.				III 14 📈 All	<b>T</b>
#		Batch No	Batch Date	Batch Status				
1		BEXP-000002-2019	May/25/2019	Processed				
2		BEXP-000003-2019	May/25/2019	Processed				
з		BEXP-000004-2019	May/28/2019	Fresh				
4		BEXP-000013-2019	May/31/2019	Processed				
5		BEXP-000015-2019	May/31/2019	Fresh				
6		BEXP-000018-2019	Jun/01/2019	Processed				
7		BEXP-000019-2019	Jun/02/2019	Processed				
8		BEXP-000020-2019	Jun/03/2019	Processed				

#### AP Invoicing Hub

In the **AP Invoicing Hub** screen, a new tree is added for Bulk Invoice Batch # in 'Initiated', "Under Process" Status in the 'To Do List' section.



\star 🔋 AP Invoicing Hub										74 !!!	🛱 🗲 ? [
🖸 Easy Launch	Select 🖲 E	cisting	O New	Doc.Type Order In	Doc.Type Order Inv.			60	Simple Order Invoice	🕫 Use Prei	r ference
To do list		Basic Se	arch Advanced Se	arch Doc. Attribute Doc. #	•		Authorized	Overdue	Search		
Direct Invoice (2188)	44		1 - 7 / 2008 🕨 🗰	+ 🗇 T T,		1.0.0	K Z 🗎 🛛 🗳 🖡	🖷 111 14 % All		Ŧ	Q
E Fresh (159)	#		I Doc.Type	Doc. #	Batch	# displayed	Sup.Name	Sup Doc. #	Curr,	Amt.	Doc. Date
Under Authorization (15)	1		Upload Batch No.	BEXP-000025-2019			00000 / TEXTRON	AUT-001	CAD	1,100.00	Jun/05/2019
🔄 Payment Held (4)	2		<ul> <li>Upload Batch No.</li> </ul>	BEXP-000025-2019		3	00000 / TEXTRON	AUT-002	CAD	1,100.00	Jun/05/2019
🔄 In Upload (2008)	3		<ul> <li>Upload Batch No.</li> </ul>	BEXP-000025-2019		3	00000 / TEXTRON	AUT-003	CAD	1,100.00	Jun/05/2019
B DC Invoice (5)	4		<ul> <li>Upload Batch No.</li> </ul>	BEXP-000025-2019		3	00000 / TEXTRON	AUT-004	CAD	1,100.00	Jun/05/2019
	5		<ul> <li>Upload Batch No.</li> </ul>	BEXP-000025-2019		3	00000 / TEXTRON	AUT-005	CAD	1,100.00	Jun/05/2019
	6		Upload Batch No.	BEXP-000025-2019		3	00000 / TEXTRON	AUT-006	CAD	1,100.00	Jun/05/2019
New Tree addition	7		<ul> <li>Upload Batch No.</li> </ul>	BEXP-000025-2019		3	00000 / TEXTRON	AUT-007	CAD	1,100.00	Jun/05/2019
						•					÷
		Authori	ize Match	S Return Del	te R	O         U           everse         Hold	Release				

# Ability to capture remarks in AP Hub

Reference: APRP-142

#### Background

**AP Hub** facilitates to Authorize/Return/Delete/Hold/Release Invoices from the same screen. The requirement is to capture remarks during Authorize/Return/Delete/Hold/Release actions.

#### **Change Details**

AP Hub is now enhanced to capture the remarks during Authorization/Return/Delete/Hold/Release of Invoices. The remarks column is placed above all the action buttons.

🗯 📕 AP Invoicing Hub								
🖸 Easy Launch	Select 🤇	Existing	(	New	Doc.Type Drder Inv.	▼ Doc./Sup.	Doc. #	
<ul> <li>☐ To do list</li> <li>☐ All Docs. (492)</li> </ul>	Bas	sic Searc	h Adva	anced Search	Doc. Doc #			Authorized
Receipt Completed (2)		ocrype	A.		Attribute			Additionized
Ready for Authorization (101)	**	•	1 - 7/1 I	96 • •	+ 🗅 🖗 🗡 🏏 Doc. #	人ഥ目	x x • C	Supplier Name
AutoMatch Failed (5)	1			A/c Note	SAD-000703-2020		3	00000 / TEXTRON
Pend. Buyer Action (9)	2	E		A/c Note	SAD-000702-2020		•	00198 / Supplier 9
Under Force Match (1)	3	10		Item note	SID-000289-2020		3	00198 / Supplier 9
= Held (38)	4	E		Item note	Remarks to capture		0	00198 / Supplier 9
G Grder Invoice (233)	5	E		Item note	comments			00000 / TEXTRON
Draft - To be Processed (9)	6	E		Item note			<b>(</b>	00000 / TEXTRON
Invoice Received (53)	7	10	•	Exp Inv.	EXP-000001-0120			00000 / TEXTRON
Receipt Pending (12)				1		•		1
🔄 Receipt Completed (2)	R	emarks						
- 🔄 Returned to be Reviewed (10) - 🔄 Ready for Authorization (101) - 🔄 AutoMatch Failed (5)	•	<b>V</b> Authorize	•	€ <u>a</u> Match	Return Delete	Co Reverse	bld Rela	Base

Exhibit 1: Identifies the AP Hub screen - To capture remarks during actions.

# Ability to enable Supplier Debit Credit Notes in OCR based Invoicing

Reference: APRP-531

#### Background

The existing OCR screen integration facilitates creation of Supplier Order Invoice and Expense Invoices only. The requirement is to have OCR based Invoicing for Supplier Debit Credit Notes as well, so that the notes can be scanned and generated.

#### **Change Details**

OCR screen i.e., **Review/Process Scanned Invoices** and **Notes** screen has been enhanced to enable creation of Supplier Debit Credit Notes. A unique Tracking Id would be generated for each Supplier Debit/Credit Note that is scanned. Errors/Exceptions can be viewed against the tracking Id and the same can be rectified from this screen and the Note can be generated. Default Usage Id, Cost Center, Analysis Code and Sub-Analysis Code are collected through **Set Finance Process Parameters** screen and will be considered for note creation in case any of these values are missing in the scanned note.

#### **OU Parameter Setup**

#### Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for the Category 'Accounts Payable Hub' in the Set Finance Process Parameters activity of the OU Parameter Setup business component.

Process Parameter	Permitted Value
OCR: Default Usage ID for Supplier Debit/ Credit notes	Enter a valid User defined Usage ID defined in Additional Account Definition Component
OCR: Default Cost Center for Supplier Debit /Credit notes	Enter a valid Cost Center as defined in the Cost Setup Component
OCR: Analysis Code for Supplier debit / credit notes	Enter a valid Analysis Code as defined in the Account Based Budget Component
OCR: Sub Analysis Code for Supplier debit / credit notes	Enter a valid Sub Analysis Code as defined in the Account Based Budget Component

The default values provided in the set option will be considered when any of these values are not available during processing of the Note.

#### **AP Invoicing Hub**

Review / Process Scanned Invoices & Notes

- Creation of Supplier Account Based as well as Item Based Debit/Credit Note is possible through OCR.
- Every Scanned Note will be generated with a unique tracking Id and can be viewed in the **Review/Process** Scanned Invoices and Notes screen.

- In case of Errors/Exceptions, the same can be rectified from this screen. Clicking on Validate and Save incorporates the changes made.
- On click of **Generate** button, the Note will be generated if it is free from errors.
- The Edit icon next to the Note # launches Edit Note screen and any changes to the Note can be performed there before it is Authorized.
- Clicking on the Note # hyperlink opens the **View Note** screen.

Exhibit 1: Identifies the Review/ Process Scanned Invoices & Notes screen.

A > Payables Managemer	nt > AP INVOICING H	IUB > Review /	Process Scann	ed Invoices & Notes	$\checkmark$									
\star 🗉 Review / Proce	ess Scanned Invoic	es & Notes								RAM	1CO OU-Ramco Role 🔻	x 🛱	€ ?	
Tracking ID Summary														^
< •• • 1 - 1/1 >	» ▼ 7 人 Li		8 00 14 %	All	<ul> <li>Search</li> </ul>	>	< 4	•	1 - 1/1 🕨	)) ))	х <u>ьш</u> вх			>
# Tracking ID	Status	User	Date	Doc. Type	Image File #		#	Error Type	9	Error Corr	rection			
1 K-030	Errors	2	2020-02-06	Item Based Note	IMAGE-30	1	1	ERROR		Please prov	vide Supplier code.			
Document Information	king ld for each canned Note					Þ			Edit Ed	lcon na dit Note	avigates to e Screen			
Tracking ID/Status K	-030	/ Errors		Doc. #/Sta	tus /			/ 4		1	C <sub>2</sub>			
Company/FB	BA 🔻	PFB	Ŧ	Doc. Type/Categ	ory Item Based Note	-			-		Doc. Date 2020-02-	06		
Currency/Exch. Rate	AD 🔻	1.0	0000000	Numbering Ty	rpe 🔻						Comments			
Supplier Information														
Supplier #	<u>=</u> *	Q		Pay To Supplie	er #			<u> </u>			Pay Term		Q	
Supplier Doc. #/Amt	4-030		1,000.00	Supplier Doc. E	ate 2020-02-06		Newl	lv add	ed Doc		Anchor Date 2020-01-3	1		
Payment Information							T							
Electronic Pay	vment No 🔻			Payment N	1ode Check		rype:	item/	Accour		ito Adjust No 🔻 No	-		
Pay R Decision Pending With	ef. Id 💌 Buyer 💌			Payment Instru	ction		B	ased I	Vote	ler	nt Priority Medium 💌			
Basic Value Can\$ 1000.00	Tax Can\$ 0.00	G	WHT an\$ 0.00	Charge Can\$ 0.	00	Discount Can\$ 0.00	)		Total Doc. Ar Can\$ 1000	nount <b>).00</b>	Total Proposed Amo Can\$ 0.00	unt		

# Ability to access the uploaded copies of the Invoices in Payment batch screens

Reference: APRP-141

#### Background

Scan copies of the Invoices sent by the supplier can be attached in **Create/Edit/Authorize/View Invoice** screens. The Requirement is to access the uploaded copies of the invoices in **Create/Edit/Authorize Pay** batch and in **View Pay Voucher** screens.

#### **Change Details**

• In Supplier Regular Pay Batch screens (Create/Edit/Authorize) and in View Pay Voucher screen a new column in the multiline is introduced to access the uploaded Invoice copies of the credit documents. The attachment icon is shown only if the document hasany attachment(s) and for others it will remain blank.

#### Exhibit 1: Identifies the Create Pay Batch screen

* 1	Cr	eate Pay Batch									RA	MCO OU-Ramco Role 👻 💢	<b>+</b> ?
- Sea	rch Crit	eria											
		Pay Group #		Q		Apply Pay Group	p						
		Document Type	All		-		Billing Point	RAMCOO	U 🔻			Priority All	
		Pay Mode	All 💌			Docum	ent Currency	CAD 🔻			Finan	ce Book All 💌	
		Supplier Group From					To		_		_		
		Supplier # From					To			Documents having	8	Sort by Amount	-
		Supplier Name				Supplier	Document #			attachment(s)	ard Cover Ap	plicable No 🔻	
		Pay To Supplier # From					То			uttuelinient(5)			
		Amount From					То						
		Due Date From		節			То				<b>`</b>		
		Discount Date From		曲			То			曲	<u> </u>	Get Documents	
- Sea	rch Res	- 10/769 • • • +	-0%\$\$Y	Y					人血	5 x x 6 X i # III	t∔ % All	▼ Search	(
÷	B	Credit Document #	Credit Document Current	y Transa	action Amount	Due Date	Tran Net A	Imount		Credit Doc Amount	Attachment	Exchange Rate	Supplier #
1	Ð	SAC-000430-2019	CAD		1,000.00	2020-01-22			1,000.00	1,000.00	P	1.0000000	00000
2	Ð	ITM-000721-2017	CAD		240.00	2017-12-27			240.00	240.00	P	1.0000000	00000
3	B	SAC-000439-2020	CAD		1,000.00	2020-03-01			1,000.00	1,000.00	A	1.00000000	00198
4	Ð	SI-001031-2020	CAD		2,100.00	2020-02-12			2,100.00	2,100.00	R	1.00000000	00060
5	1	SI-001030-2020	CAD		1,680.00	2020-02-12			1,680.00	1,680.00	a	1.00000000	00060
6	Ð	SI-001057-2020	CAD		6,001.84	2020-03-05			6,001.84	6,001.84	P	1.00000000	00000
7	10	SI-001017-2020	CAD		6,000.00	2020-02-12			6,000.00	6,000.00	P	1.00000000	00000
8	B	SI-001070-2020	CAD		6,752.87	2020-03-14			6,752.87	6,752.87	P	1.00000000	00000
9	10	SI-000566-2014	CAD		10.00	2014-08-01			10.00	10.00		1.00000000	800228



#### Exhibit 2: Identifies the Edit Pay Batch screen.

carcii criten	a												
	Pay Group #		,Q A(	oply Pay Group									
	Document Type	All	•	Billing Point	RAMCOOU 🔻		Priority All 🔻						
	Pay Mode	•		Document Currency	USD 💌			Finance Boo	ok All 🔻				
	Supplier Group From			То									
	Supplier # From			То				Sort b	by Doc #	-			
	Supplier Name			Supplier Document #					le No 💌				
Pay To Supplier # From				То									
	Amount From			То									
	Due Date From		<b></b>	То		Ē		D	ocument hav	ing			
	Discount Date From		<b></b>	То		<b></b>	Get Doc	uments at	ttachment(s)				
arch Result	1/1 <b>) » +</b> 🗇	» o ø v v			人		. C X 4 4 U 1	% All	▼ Sear	ch 🔪			
arch Result	1/1 > » + 🖸 Credit Document # Cre	≫ ✿ ダ ▼ X edit Document Currency	Present Outstanding Amount	Transaction Amount	人 血 Due Date	Pay Mode	Amount in Pay Currency	% All Credit Doc Amou	▼ Sear	ch Attachment			
arch Result	1/1 • • • + 0 Credit Document # Cr SAC-000431-2019 US	% ✿ ダ ▼ ¥ edit Document Currency D	Present Outstanding Amount 1,000,000.	Transaction Amount	Due Date	Pay Mode Check v	Amount in Pay Currency 1,793,400.00	X All Credit Doc Amou	▼ Sear unt 1,000,000.00	Attachment			

#### Exhibit 3: Identifies the Authorize Pay Batch screen.

* 8	Aut	thorize Pay Batch								RAMCO OU-Ramco	o Role 🔻 📿	<b>₽</b> +	? []		
- Sear	ch Crit	eria													
		Pay Group #	:	Q	Apply Pay Gro	pup									
		Document Type	All		•	Billing Point	•			Priority Mediu	im 💌				
		Pay Mod	•			Document Currency	CAD 🔻			Finance Book AVEO	S 💌				
		Supplier Group Fron	1			То									
		Supplier # Fron	1			То				Sort by Doc #	•	•			
		Supplier Name	8			Supplier Document #				Forward Cover Applicable No	•				
		Pay To Supplier # From	1			То									
		Amount Fron	1			То							_		
		Due Date Fron	1	<b></b>		То			Docu	mont havi	na				
		Discount Date Fron	1			To					ment(s)	ng			
_										attac.		_			
- Sear	ch Res	ults										/			
	1	- 1/1 🕨 🎽 🗇	) 🛠 🌣 🗶 🏋 🏋				<u>۸</u>		2 × C X + H II	14 % All	🔍 Se 🦯		Q		
#		Credit Document #	Credit Document Currency	Present (	Outstanding Amount	Transaction Amount	Due Date	Pay Mode	Amount in Pay Currency	Credit Doc Amount	Attachment	Exchange	e Rate		
1		SAC-000431-2019	USD		1,000,000.00	1,000,000.00	2020-01-23	Check 🗸	1,793,400.00	1,000,000.00	(i)				
2								~							

#### Exhibit 4: Identifies the View Pay Voucher screen.

\star 🔋 View Pay Voucher				<b>44 4 81 82</b>	83 84 85 > >>	RAMCO OU-Ra	amco Role 🔻 🗙	□ €	- ? [			
Voucher Information												
Voucher #	2560-1					Status F	resh					
Pay Batch #	PB-000591-2019	Finance Book	AVEOS									
Request Date	2019-12-19	Pay Date	2019-12-19			Posting Date 2	019-12-19					
Payment Information												
Pay To Supplier #	00000	Supplier Name	Supplier 2		Payment R	Release Point R	AMCOOU					
Payment Route	Bank	Pay Currency	CAD		Pay Curr. to Ban	k Exch. Rate 1	.00000000					
Bank/Cash #	BMO CAD GENERAL	Bank Currency			Bank Curr. to Bas	e Exch. Rate 1	.00000000					
Payment Mode	Check	Pay Charges By			Total Pay Amount (Pay) 71.74							
Total Pay Amount (Tran)		Total Pay Amount (Base)			Total Pay An	nount (Bank)						
Check Information												
Instrument #		Instrument Date										
Pay Charges		Bank Debit Date			Bar	nk Reference						
Voiding Date		Voiding Document #										
Direct Debit Information												
Company Reference		Bank Debit Date		att	achment(s)	ng						
Credit Documents												
≪ • <u>1</u> - 1/1 ▶ ≫ ▼ 7			×		<b>∓ }= Ⅲ 1</b> 4	All	▼ Searc	1	Q			
# 🗈 Credit Document #	Due Date	Credit Document Currency	Credit Doc	c Amount	Attachment-QA P	Proposed Discoun	t	Applied	d Discount			
1 ITM-000700-2017	2017-03-29	USD		40.00	R		0.0	)				
				L								

## Report on TDS with TDS Details and Supplier Information

Reference: APRP-83

#### Background

Currently, Report on Tax transaction provides transaction-wise break up of both Purchase as well as Sales transactions. Provision is required for a detailed TDS Report for supplier information analysis. Hence in this enhancement TDS Details Report is developed for supplier analysis.

#### **Change Details**

#### **Dcube**

A new Dcube report 'TDS Details Report' is added in the **Inquiries** activity of the **Dcube** business component.

Dcube report displays Payable documents which has TDS (TCD with Tax Type as TDS), with details. Documents are shown at line level and TDS to be shown at line level (Document level TDS to be apportioned to line level)

The following documents are displayed in the Report:

- Supplier Expense Invoice
- Supplier Item Invoice (Only when TDS is applied for the document)
- Supplier Order Based Invoice(For PO only 'Adhoc PO' and 'Service PO')
- Supplier Item Based Credit Note
- Supplier Account Based Note(only when TDS is applied on Account Based Note)
- Supplier Prepayment Voucher
- Delivery Charge Invoice
- Sundry Payment Voucher
- Journal Voucher (Only when TDS Account Code is used in Tax JV)
  - Note Sundry Payment Voucher and Journal Voucher will be displayed only when TDS TCD Code is used.
  - Note: When 'Exception' is selected as 'Yes', Payable documents will be displayed which does not have TDS also.

The report is displayed based on the following Input criteria given:

Supplier #	Displays all the documents created for the entered Supplier #.
TCD #	Displays all the documents which have the given TCD #.
Finance Book	Displays documents which are created in the given Finance book only.
Date From	Displays the documents that are created from the given date.

31   Enhancement Notification		ramo
Date To	Displays the documents that are created upto the given date.	
Enter '0' for Only Exceptions, '1'	If '0' is entered, displays only lines that have exception as Yes.	
Only Non-Exceptions '2' for Both	If '1' is entered, displays only lines that have exception as No.	
	If '2' is entered, displays lines with both exception Yes and No.	

The report displays the following columns and the values for each column are given below:

Document Date	Document Date of the document.
Document Type	Supplier Expense Invoice/ Supplier Item Invoice/ Supplier Order Based
	Invoice/ Supplier Item Based Credit Note/ Supplier Item Based Debit
	Note/Supplier Account Based Credit Note/ Supplier Account Based Debit
	Note/ Supplier Prepayment Voucher/ Delivery Charges Invoice/ Sundry
	Payment Voucher/ Journal Voucher.
Document No	Document number of the document
Ref Doc #	Blank for all documents except
	- Supplier Order Based Invoice, Supplier Prepayment Voucher, Journal
	Voucher (if available) - display the Ref Doc # used for the line in these
	Documents.
Usage ID	Blank for all documents except
	- Supplier Expense Invoice,
	- Supplier Order Based Invoice(Usage ID from PO to be given),
	- Sundry Payment Voucher,
	- Supplier Item Based Note
Account Code	For Expense Invoice - Account Code mapped to the usage ID,
	For Item Invoice - Account code to which the line value has been posted.
	For Order Based Invoice
	Service PO, Adhoc PO - Account Code mapped for the Usage ID in
	PO.
	Repair Order – 'Third party Repair'
	PBH PO - Account Code mapped for PBH Service Fee
	Exchange PO - Account Code mapped for Exchange Fee and for
	additional costs the Account code mapped to the Usage ID.
	For Item Based Note - Account Code mapped to the Usage ID.
	Supplier Account Based Note - Blank.
	Supplier Prepayment Voucher - Blank.
	Delivery Charges Invoice - Blank.
	Sundry Payment Voucher - Blank.
	Journal Voucher – Blank.
Account Description	Description for the account code.
Supplier Code	Supplier Code of the document.
Supplier Name	Supplier name of the document.
Document Currency	Currency of the document.
Gross Value in Doc Curr.	Line Value before TDS (Including other TCD like GST) in Document Currency

	Displays blank for Tax JV and Supplier Account Debit Note.
Gross Value in Base Curr.	Line Value before TDS (Including other TCD like GST) in Base Currency
	Displays blank for Tax JV and Supplier Account Debit Note.
Taxable Value in Doc. Curr.	Taxable value for TDS (in Document and Base Currency)
	Display blank for Tax JV and Supplier Account Debit Note.
	If TDS not applied for the line, display blank.
Taxable Value in Base Curr.	Taxable value for TDS (in Document and Base Currency)
	Display blank for Tax JV and Supplier Account Debit Note.
	If TDS not applied for the line, display blank.
TDS VALUE Doc. Curr.	TDS Value for the line, if available in Document Currency
TDS VALUE Base Curr.	TDS Value for the line, if available in Base Currency
Doc. Curr	Currency of the document.
NET AMOUNT in Doc. Curr.	Gross Value - TDS Value in Document Currency
	Displays blank for Tax JV and Supplier Account Debit Note.
NET AMOUNT in Base Curr.	Gross Value - TDS Value in Base Currency
	Display blank for Tax JV and Supplier Account Debit Note.
Exch. Rate	Exchange Rate of the currency.
TCD Applied on	The level on which the TCD is applied which could be 'Line level' or
	'document level'.
TCD #	TCD Code (TDS TCD Code used for the line)
	- If TDS TCD Code is not applied for the line, then displays blank.
TCD Variant	TCD Variant # (TDS TCD Variant # used for the line)
Tax Rate	Variant Value of the TCD Code
Tax Category	Tax Category of the TCD Code
Tax Class	Tax Class of the TCD Code
Remarks	Line level Remarks/Comments in the Document
Comments	Header level Remarks/ Comments in the Document
Exception	Yes - For the following Document Types in which any of the TDS TCD Codes
	are not applied for any of the lines - then those lines are considered as
	Exception (Supplier Expense Invoice/ Supplier Order Based Invoice/ Supplier
	Item Based Credit Note/ Supplier Item Based Debit Note/ Supplier
	Prepayment Voucher/ Delivery Charges Invoice/ Sundry Payment Voucher).
	No - Displays Documents (Supplier Expense Invoice/ Supplier Item Invoice/
	Supplier Order Based Invoice/ Supplier Item Based Credit Note/ Supplier Item
	Based Debit Note/Supplier Account Based Credit Note/ Supplier Account
	Based Debit Note/ Supplier Prepayment Voucher/ Delivery Charges Invoice/
	Sundry Payment Voucher/ Journal Voucher.) where TDS is applied, consider
	the lines in which TDS is applied as No Exception.
	Eg: if in a document TDS TCD is applied in line 1 and not applied in line 2
	then consider line 1 as No exception and Line 2 as Exception.
TDS Threshold	TDS Threshold Limit from Maintain TDS Threshold (Procurement Management
	-> Tax/Charges/Discount)

Supplier Group	Supplier Group of the Supplier (Procurement Management -> Supplier ->
	Manage Supplier Group)
Supplier Category	Supplier Category of the Supplier (Procurement Management -> Supplier ->
	Manage Supplier Group)
Supplier Identification Type	Display "PAN" in all the lines
Supplier Identification #	Active Identification # mapped to the Supplier for the Identification Type PAN
	(Finance Setup -> Organization Setup - >Maintain Entity Level Identification
	Ref.)
TCD Account Code	TCD Account code mapped in ARD for the TCD.
TCD Account Desc.	Account Description of the above TCD Account Code.

#### Exhibit 1: Identifies the TDS Details Report

	А	В	С	D	E	F	G	н	1	J	К	L	
1	Document Date 💌	Document Type 💌	Document No 🔻	Ref Doc #	Usage ID 🔻	Account Coc 🔻	Account Descriptio 💌	Supplier Code 💌	Supplier Name 💌	:ument Cu 🔻	Gross Value in Doc Cu 💌	Gross Value in Base Ct 💌	axable Va
22	2019-02-18	Expense Invoice	EXP-001538-2019		110096	110096	Repair and Maint	00000	Textron Inc.	CAD	1000.00	1000.00	
23	2019-02-18	Expense Invoice	EXP-001539-2019		110096	110096	Repair and Maint	00000	Textron Inc.	CAD	1000.00	1000.00	
24	2019-02-18	Expense Invoice	EXP-001540-2019		110096	110096	Repair and Maint	00000	Textron Inc.	CAD	1000.00	1000.00	
		Supplier Order Based						·					
26	2019-02-22	Invoice	SI-001180-2019	PO-001295-2019				00000	Textron Inc.	CAD	9200.00	10000.00	
		Supplier Order Based						•					
119	2019-03-15	Invoice	SI-001206-2019	PO-001332-2019				00000	Textron Inc.	CAD	.01	.01	
		Supplier Order Based						•					
129	2019-03-21	Invoice	SI-001218-2019	PO-001338-2019				00000	Textron Inc.	CAD	91.00	100.00	
		Supplier Order Based						•					
132	2019-03-22	Invoice	SI-001220-2019	PO-001341-2019				00000	Textron Inc.	CAD	91.00	100.00	
		Supplier Order Based				·							
135	2019-03-27	Invoice	SI-001247-2019	PO-001365-2019	ADDITIONAL FEE	465000	Additional Fee	008A1	Supplier 37	CAD	3300.00	3000.00	
		Supplier Order Based											
141	2019-04-05	Invoice	SI-001252-2019	PO-001390-2019				00000	Textron Inc.	CAD	2026.06	2006.00	
		Supplier Order Based				·							
150	2019-04-12	Invoice	SI-001262-2019	PO-001413-2019	PURCHASE ORDER	999999	Usage ID	008A1	Supplier 37	CAD	1200.00	1000.00	
163	2019-05-21	Expense Invoice	EXP-001848-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	1500.00	1500.00	
164	2019-05-21	Expense Invoice	EXP-001848-2019		620200	620200	Meals	008A1	Supplier 37	CAD	1500.00	1500.00	
165	2019-05-21	Expense Invoice	EXP-001849-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	1500.00	1500.00	
166	2019-05-21	Expense Invoice	EXP-001849-2019		620200	620200	Meals	008A1	Supplier 37	CAD	1500.00	1500.00	
167	2019-05-21	Expense Invoice	EXP-001852-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	20000.00	20000.00	
168	2019-05-21	Expense Invoice	EXP-001852-2019		620200	620200	Meals	008A1	Supplier 37	CAD	20000.00	20000.00	
169	2019-05-21	Expense Invoice	EXP-001854-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	20000.00	20000.00	
170	2019-05-21	Expense Invoice	EXP-001854-2019		620200	620200	Meals	008A1	Supplier 37	CAD	20000.00	20000.00	
173	2019-05-22	Expense Invoice	EXP-001860-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	1500.00	1500.00	
174	2019-05-22	Expense Invoice	EXP-001860-2019		620200	620200	Meals	008A1	Supplier 37	CAD	500.00	500.00	
175	2019-05-22	Expense Invoice	EXP-001863-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	4000.00	4000.00	
176	2019-05-22	Expense Invoice	EXP-001863-2019		620200	620200	Meals	008A1	Supplier 37	CAD	9000.00	9000.00	
177	2019-05-22	Expense Invoice	EXP-001865-2019		110096	110096	Repair and Maint	008A1	Supplier 37	CAD	4000.00	4000.00	
170	0040 05 00	e	EVE 004065 0040		600000	600000		00014	0 11 00	010	0000.00	0000.00	

ramco

# Ability to define TDS threshold and auto apply TDS on invoices when the value exceeds the threshold limit

Reference: APRP-3

#### Background

Purchase Tax Rules enables the user with auto inheritance of tax. However it is applied on all transactions and does not check for any threshold limit. The requirement is for a provision to deduct tax deducted at source when payment to the supplier exceeds certain limit as prescribed by the IT Act 1961.

#### **Change Details**

#### Taxes, Charges and Discounts > Procurement business process

A new activity **Maintain TDS Threshold** has been introduced to capture the threshold limit for the Financial Year / Transaction, Supplier wise and TDS Section wise.

Supplier Order Based Invoice, Supplier Expense Invoice and Supplier Item Based Note to inherit and apply tax based on the threshold limit, with cumulative taxable amount if the limit exceeds.

#### Supplier Order Based Invoice > Payables Management

The following new set option has been added for auto inheritance of tax in Finance Setup -> OU Parameter Setup ->

#### Set Finance Process Parameters

Parameter Level: Organization Unit level

Business Process: Payables Management

Category: Supplier Order Based Invoice

Process Parameter: Allow Inheritance of withholding Taxes in Order Invoice for Service & Adhoc POs Based on Permitted value: Enter '0' for Statutory Tax Defaults and '1' for Purchase Tax Rules

#### Supplier Order Based Invoice/ Supplier Direct Invoice / Supplier Debit Credit Note

This enhancement also enables maintaining cumulative balance at a supplier and TCD-Variant level for each transaction, irrespective of whether the tax is applied in the transaction or not (i.e. even if the threshold is not exceeded, balance has to be updated) and once the threshold limit is exceeded, TDS would be applied including the previous transactions.

Note:

- This threshold limit check has to be made only for the Base Currency invoices.
- If there is no threshold defined for a particular TCD/Variant information, even if it is applicable based on the Purchase Tax Rules, it should not be applied, however the entry has to be made in the Supplier level cumulative balance.
- For foreign currency invoices, threshold check need not be applied and taxes can be added, if the same is applied based on Purchase Tax Rules.

#### Supplier Debit Credit Note

Note with zero value

Provision has been made to create Debit Credit Note with zero item value but with TCD is to be enabled. Debit Credit Note with zero item value has been enabled, however authorization is restricted if the total value is equal to zero.

Exhibit 1: Maintain TDS Threshold activity under the Taxes, Charges and Discounts business component.

Â	> Pr	roα	irement Manage	eme	nt 🔰 Taxes Charges	and	l Discounts 冫 Ma	iint	ain TDS Threshold		$\sim$									
*		1	Maintain TDS	Thi	eshold										73		+	?	to K	
			T	TCD	# P				E	Effective	on 2019/02/	13								*
										Search										
4	•		1 -1/1 🕨 🗰	·	+ 🗇 🝸 🔭							上		 010 📬 🕺 Ali		Ŧ			ρ	1
#	1		Company		Finance Book		Supplier #	)	Supplier Name		TCD #	ρ	TCD Description	Variant #	Variant Description				Vai	
1			AVEOS	*	All	*													. 1	1
2			AVEOS	*	All	•														ļ
	AVEOS V AII V AVEOS AII V									Þ										

## Ability to print Pay Voucher Summary Report

Reference: APRP-144

#### Background

The existing Pay Voucher Report prints only a Single Pay Voucher at a time. Requirement is to have a Summary Report for printing a list of selected Pay Vouchers which can be used internal approvals and also for sending to the Banks for Approval. The ability to compute the total pay amount before printing is also required.

#### **Change Details**

View Pay Batch/Voucher screen has been enhanced with additional controls for **Computing** and **Viewing the Total Pay Amount** for the selected Vouchers and print the **Pay Voucher Summary Report** with the provision to provide **Print Remarks** that will be printed in the Summary Report, for the selected Vouchers.

#### OU Parameter Setup

#### Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for the Category 'Supplier Payment' in the Set Finance Process Parameters activity of the OU Parameter Setup business component.

Process Parameter	Permitted Value
Enable Computation of Total Pay Amount in View Pay Batch/	Enter '0' for 'No' and '1' for 'Yes'
Voucher	

If the set option 'Enable Computation of Total Pay Amount in View Pay Batch/ Voucher' is set as 'NO' then the newly added controls "Compute" and "Total Pay Amount" will not be visible in the View Pay Batch/Voucher screen. If the option is set as "YES", then the Compute button and Total Pay Amount display only fields will be visible in the View Pay Batch/Voucher screen.

Note: Irrespective of the value defined in the Set Option, the Print Remarks and Print Summary Report controls will always be visible in the View Pay Batch/Voucher Screen.

#### Supplier Payment

#### View Pay Batch/Voucher

- In View Pay Batch/Voucher screen, two new buttons Compute & Print Summary, a display only field and a text box have been introduced.
- Compute button enables computation of Total Pay Amount for the selected Vouchers and displays the total in the newly added Total Pay Amount display only field. Computation of Total Pay Amount is possible only when all the selected Vouchers have the same Pay Currency. If the Vouchers with different Pay Currency are selected, the same will be restricted through an error.
- Documents in the multiline even with different Pay Currencies can be printed by directly by clicking on the Print Summary Report. Vouchers would be grouped based on Finance Book, Pay Currency and Bank Code and for each of this combination a separate page would be printed in the Summary Report.
- The Text Box **Print Remarks** allows user to type Remarks which will get printed on all the pages of the Pay Voucher Summary Report.
- Document in all statuses can be printed in the **Pay Voucher Summary Report** except for documents in deleted/Reversed status.

#### Pay Voucher Summary Report:

- Summary Report can be printed for all the Doc Types such as Pay Batch, Payment Voucher and Prepayment Voucher.
- The Voucher No. column displays the Pay Voucher/Prepayment Voucher #, whereas the Doc # displays the Pay Batch # and it would be blank in case of Prepayment Vouchers.
- In case the Mode of Payment is EFT, the Pay Ref Id gets displayed and the comments provided against that
  Pay Ref Id in the Supplier Master Bank Details will be displayed in the Pay Ref Details column. In case of
  Direct Debit/Check payments, the Company Reference/Check # will be displayed in the Pay Ref Details
  column only if the Voucher is in Paid Status.

	Select Pay Batch/Vou	icher					RAMCO OU-ram	co role 👻 💢 🔒	₽ €	?
	Voucher # From			To		Supp	lier Document #			
	Pay Date From			То	1		Finance Book	All 🔻		
	Request Date From			То	1		Pay Currency	All 🔻		
	Pay Amount From			То			User ID	DMUSER		
	Payment Route	All 🔻		Bank/Cash # All	▼		Instrument #			
	Ref. Doc Type	All	•	Ref. Document #			Ordering Point	All 🔻		
	Priority	All 💌	Forw	ard Cover Applicable	•					
								Search		
rc	ch Results	7			× <b>۵</b> ک	2 C X # # III 14 %	All	▼ Search		(
rc	th Results 1 - 5/796 ▶ ₩ ▼ 2 Document Type	7 Pay Batch #	Voucher #	Supplier #	人 血 명 文 Supplier Name	C X I II II 14 %	All Pay Currency	▼ Search	Status	(
rc	ch Results       1     - 5/796     >>>     Y       Document Type       Pay Batch	% Pay Batch # PB-000570-2018	Voucher # 2456-1	Supplier # 00198	L III 5 Z C Supplier Name Supplier 9	C X I II II 14 % Pay Date 08-13-2018	All Pay Currency USD	V Search	<i>Status</i> Deleted	(
rc	1     - 5/796     >>>     Y       2     Document Type       3     Pay Batch       3     Pay Batch	<ul> <li><i>Pay Batch #</i></li> <li>PB-000570-2018</li> <li>PB-000438-2014</li> </ul>	<i>Voucher #</i> 2456-1 1798-1	<i>Supplier #</i> 00198 00000	L L Supplier Name Supplier 9 TEXTRON	Pay Date         08-13-2018         06-30-2014	All Pay Currency USD CAD	<ul> <li>✓ Search</li> <li>Pay Amount</li> <li>0.68</li> <li>0.76</li> </ul>	<i>Status</i> Deleted Fresh	(
	1     - 5/796     >>>     >     >     >>     >>	<ul> <li>Pay Batch #</li> <li>P8-00570-2018</li> <li>P8-000438-2014</li> <li>P8-000555-2017</li> </ul>	Voucher ≢ 2456-1 1798-1 2353-2	Supplier # 00198 00000 00000	Supplier Name Supplier 9 TEXTRON TEXTRON	Pay Date         Pay Date           08-13-2018         06-30-2014           03-01-2017         04-01-2017	All Pay Currency USD CAD	▼ Search Pay Amount 0.68 0.76	<i>Status</i> Deleted Fresh	(
(	1     -5/796     >>>     >     >>     >>	<ul> <li>Pay Batch #</li> <li>P8-00570-2018</li> <li>P8-000438-2014</li> <li>P8-000555-2017</li> <li>-2017</li> </ul>	Voucher ≠ 2456-1 1798-1 2353-2 PV-000779-2017	Supplier # 00198 00000 00000	Supplier Name Supplier 9 TEXTRON TEXTRON	Pay Date         Pay Date           08-13-2018         06-30-2014           03-01-2017         03-01-2017	All Pay Currency USD CAD Newly	Pay Amount 0.68 0.76 added Print	Status Deleted Fresh	
	ch Results 1 - 5/796 * * * Document Type Pay Batch Pay Batch Pay Batch Newly added	<ul> <li>Pay Batch #</li> <li>P8-00570-2018</li> <li>P8-000438-2014</li> <li>P8-000555-2017</li> <li>2017</li> <li>2018</li> </ul>	Voucher # 2456-1 1798-1 2353-2 PV-000779-2017 2429-2	Supplier # 00198 00000 00000 Remarks to	Supplier Name Supplier 9 TEXTRON TEXTRON O be printed in	Pay Date         Pay Date           08-13-2018         06-30-2014           03-01-2017         03-01-2017           03-01-2017         02-22-2018	All Pay Currency USD CAD Newly Summ	Very Search Pay Amount 0.68 0.76 added Print ary Report	Status Deleted Fresh	
	ch Results 1 - 5/796 * * * * Document Type Pay Batch Pay Batch Pay Batch Newly added Compute butto	7 Pay Batch # PB-00570-2018 PB-000438-2014 PB-000555-2017 2017 -2018	Voucher ≠ 2456-1 1798-1 2353-2 PV-000779-2017 2429-2	Supplier # 00198 00000 00000 Remarks to the Summ	Supplier Name Supplier 9 TEXTRON TEXTRON O be printed in nary Report	Pay Date         Pay Date           08-13-2018         06-30-2014           03-01-2017         03-01-2017           03-01-2017         02-22-2018	All Pay Currency USD CAD Newly Summ button	Pay Amount 0.68 0.76 added Print ary Report	Status Deleted Fresh	
	ch Results	7 Pay Batch # PB-00570-2018 PB-00438-2014 PB-000555-2017 2017 2017 2018 al Pay Amount	Voucher ≠ 2456-1 1798-1 2353-2 ₽V-000779-2017 2429-2 Total Pay Amount	Supplier # 00198 00000 00000 Remarks to the Summ Print	Supplier Name Supplier 9 TEXTRON TEXTRON to be printed in nary Report	Pay Date         Pay Date           08-13-2018         06-30-2014           03-01-2017         03-01-2017           03-01-2017         02-22-2018	All Pay Currency USD CAD Newly Summ button Print Summ	▼ Search Pay Amount 0.68 0.76 added Print ary Report	Status Deleted Fresh	

#### Exhibit 1: Identifies the View Pay Batch/Voucher screen:

Exhibit 2: Identifies the Pay Voucher Summary Report:

ra	mc	O		Pa	y Voucher Sun	nmary Repo	rt		RAMCO SYS1 64 SARDAR PA TARMANI CHENNAI TAMILNADU 60011SMO INDIA tel : +91 44 22S fax : +91 44 22S WWW.RAMCO.	TEL ROAD TEL ROAD MO5 4510 MO0 1859 COM	
Finance E	Book:	AVEOS				Finan	ce Book Des	IC: RAM	CO SYSTEMS	LIMITED	
Bank/Cas	sh Code:	BMO CAD G	BENERAL			Bank/	Cash Desc:	BMC	General CAD		
Pay Curre	ency:	CAD				Print I	Remarks:	Appr	oval by Mr.Kira	n	
Doc. Type	Doc. #	Voucher Type	Voucher No	Supplier #	Supplier Name	Pay Date	Pay Currency	Pay Amount	Pay Ref ID	Pay Ref Details	Status
Pay Batch	PB-000528- 2015	Pay Voucher	PV- 000751- 2015	00060	TEXTRON	02-05-2015	CAD	20.00		9F32FEF8-8	Paid
Pay Batch PB-000575- 2019 Pa		Pay Voucher	PV- 000799- 2019	00060	TEXTRON	11-02-2019	CAD	30.00			Requested
Pay Batch	Pay Voucher	PAYV- 000002- 2019	00060	TEXTRON	11-02-2019	CAD	30.00			Requested	
Pay Batch SPB0000042 019 Pay Voud			PAYV- 000005- 2019	00060	TEXTRON	11-02-2019	CAD	30.00			Requested

# WHAT'S NEW IN RECEIVABLES MANAGEMENT?

# Ability to provide automatic adjustment of customer debit/credit notes with reference documents

Reference: APRP-86

# Background

Currently to adjust any note against a customer order, Customer Balance Adjustment Voucher must be handled manually. Therefore the requirement is to automatically adjust Customer Debit Credit Notes against reference documents provided in the note so that manual intervention can be avoided.

# Change Details

- Two new parameters under the category 'Customer Debit Credit Note' have been added in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component to set whether the auto adjust is required or not and also to specify the basis of auto adjustment.
  - 1. <u>Process Parameter</u>: Default Auto Adjust in Customer Debit Credit Notes <u>Permitted Values</u>: Enter '0' for No and '1' for Yes
  - Process Parameter: Basis for Auto Adjustment <u>Permitted Values</u>: Enter '0' for Reference Document in Note and '1' for All open Debit/ Credit Documents
- A new field 'Auto Adjust' combo with the values 'Yes' and 'No' has been introduced in the 'Payment Information' section in the **Create /Edit/Authorize/ View Item Based Note**/ **Account Based Note**

The 'Auto Adjust' combo is defaulted based on the value set for the parameter "Default Auto Adjust in Customer Debit Credit Note" in the **Set Finance Process Parameters** activity under the **OU Parameter Setup** business component.

 In the Create/Edit/Authorize Item Based Note activities under the Customer Debit Credit Note business component

If the Ref doc Type is set as 'Note-Account Based/Customer Order/Prepayment Invoice', on search, the system retrieves all the respective documents including those in 'Paid' and or 'Adjusted' status.

- Note: The note created would be adjusted automatically against the reference document selected (if the parameter 'Basis for Auto Adjustment' is set as 'Reference Document in Note') on authorization of the note.
- The note created would be adjusted automatically against the open documents in 'Fresh' status (if the parameter 'Basis for Auto Adjustment' is set as 'all open debit credit documents') on authorization of the note.
- The status of the 'Note' will change to 'Adjusted' or ' Partially Adjustment' as the case may be.
- Note: Auto Adjustment will happen for both Debit Note and Credit Note.



# Exhibit 1:

Set Finance Process Parameters activity in the OU Parameter Setup business component.

$\langle \uparrow \rangle$	Fina	nce Setup 🔰 OU Parameter Set	cup 🔰 Set Finance Process Parameters	~				
*	D	Set Finance Process Param	eters			24	특 다	← ? 🗔 🖪
_								
	5earch	I Criteria						
		Parameter Level Organ	nization Unit Level 🔹	Business Process Receivable Management	Ŧ	Category Customer	Debit Credit N	ote 🔻
	5earch	Results						
	4		-			0	-	0
			tx Colorest	Current Commenter		Value	Chatura	Error Managa
#		business process	Category	Process Parameter		value	Status	Error message
1	12	Receivable Management	Customer Debit Credit Note	Allow Inheritence of Taxes in Customer Item Based Note	Enter "0" for Tax Defaults and "1" for Sales	1	Defined	
2		Receivable Management	Customer Debit Credit Note	Allow modification of taxable amount in Customer Item	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
3		Receivable Management	Customer Debit Credit Note	Application of Default Tax key in Customer Debit Credit	Enter "0" for Document Level and "1" for Line	1	Defined	
4		Receivable Management	Customer Debit Credit Note	Basis for Auto Adjustment	Enter '0' for Reference Document in Note and	0	Defined	
5		Receivable Management	Customer Debit Credit Note	Default Auto Adjust in Customer Debit Credit Notes	Enter '0' for No and '1' for Yes	0	Defined	
6								
			Newly add	led parameters				
			· · · · ·					
		•						•
-								
				Set Parameters				

### Exhibit 2:

Create Item Based Note activity in the Create Debit Credit Note business component

Receivables Management > 0	Customer Debit Credit Note ゝ 😋	reate Item Based Note			
★ 🗎 Create Item Based No	ote				膏 ♬ ← ? ☞
Note #		Note Type	edit 💌	Status	
Finance Book	AVEOS 🔻	Ref. Doc. Type 0	thers 💌	Numbering Type	CIC 💌
Note 🛛 🛬	Aug-12-2019 💼	Company Address ID 👂 1		Company Address	2311 Alfred-Nobel Boulevard
Customer Information					
Customer Registered At	RAMCOOU 🔻	Customer # 👂		Customer Name	
Bill to Cust. #	•	Bill to Customer Name		Bill to ID	•
Customer Note No		Customer Note Amount		Customer Note Date	Aug-12-2019 🛗
Payment Information					
Currency	CAD 💌	Exchange Rate	1.0000000	Pay Term 👂	
Receipt Method	T	Anchor Date A	ug-12-2019 🛗	Total Amount	
Comments		Auto Adjust N	D 🔻	Draft	
- Search Criteria					
Prepayment Invoice		Order Invoice		Direct Invoice	
Order # From				Debit Note	
Invoice/Note # From		New	ly added 'Auto Adjust'	Credit Note	
Order/Invoice/Note Date From	1	com	bo		
Invoice/Note Amount From					Search
T/C/D Information					
Default Tax Key		Tax Exclusive 👿			

#### Exhibit 3:

Edit Item Based Note activity in the Customer Debit Credit Note business component

🏠 🕻 Receivables Management 👌 Customer Debit Credit I	lote 🗲 Edit Item Based Note			
★ 🗻 Edit Item Based Note		4	4 4 76 77 78 79 80 ▶ ₩ 80	/80 === 🖬 🖶 🗲 ? 🗔
Note Information				
Note # CIC-000375-2017	Note Type	Credit	Status	Fresh
Note Date May-10-2017	Finance Book	AVEOS 💌	Ref. Doc. Type	Others
Company Address ID 👂	Company Address			
Customer Information				
Customer # 400007	Customer Name	Customer 8	Customer Registered At	RAMCOOU
Bill to Cust. #	Bill to Customer Name		Bill to ID	•
Customer Note No 12354	Customer Note Amount	85,000.00	Customer Note Date	May-10-2017
- Payment Information				
Currency USD 🔻	Exchange Rate	1.5000000	Pay Term 👂	
Receipt Method	Anchor Date	May-10-2017 🗰	Total Amount	85,000.00
Comments	Auto Adjust	No 🔻	Draft	
		<u> </u>		
	Nev	vly added 'Auto Adjust'	C 用 == 00 14 ≫ All	Q <b>v</b>
# 🖾 Line # Document Type	Originating Point D COM	ibo	Variant #	Quantity
1 CUSTOMER SERVICE INVOICE	RAMCOOU C			
2				

# Exhibit 4:

Authorize Item Based Note activity in the Customer Debit Credit Note business process

☆ > Receivables Management > Customer Debit Credit Not	e 🔪 Authorize Item Based Note			
★ 🗎 Authorize Item Based Note				/54 🕮 🖶 🛱 🖨 🗲 ? 🗔
- Note Information				
Note # CIC-000480-2019	Note Type	Credit	Statu	Fresh
Note Date Aug-05-2019	Finance Book	AVEOS 🔻	Ref. Doc. Type	None - Account Based
Company Address ID 👂 1	Company Address	2311 Alfred-Nob		
Customer Information				
Customer Registered At RAMCOOU	Customer Name	Customer 3	Customer #	1090000
Bill to Cust. # 1090000	Bill to Customer Name	Customer 3	Bill to ID	Air India Building,1st Floor,N
Customer Note No ITM_8989_2019	Customer Note Amount	2,115.00	Customer Note Date	Aug-05-2019
- Payment Information				
Currency CAD 🔻	Exchange Rate	1.0000000	Pay Term 👂	
Receipt Method	Anchor Date	Aug-05-2019 🛗	Total Amoun	t 2,160.00
Comments	Auto Adjust	No 💌		
Dat Information				
Part Information		/ \	-	
	Ne	wly added 'Auto Adjust'	2 🗏 🖶 💷 🖬 🗱 🗛	۹ 🗸
# 🗆 Line # Document Type	Originating Point Doc CO	mbo	Variant #	Quantity
1 🗉 1 others	RAMCOOU			
2 🗉 0	RAMCOOU	GST - SALE	5	
3 🗖 0	RAMCOOU	WHT@SALES	WHT@SALES	
4 🗉 0	RAMCOOU	CGST	CGST-01	

### Exhibit 5:

View Item Based Note activity in the Customer Debit Credit Note business process

	> F	Receiva	ables Managemer	t > c	ustomer Debit Credi	it Note > Viev	v Item Based No	ite																		
*	[	) Vie	ew Item Based	Note	:								44	•	31	32 3	3 34	35	F FF	32 /	1565 💢			⇒ ←	?	Ca (
	-N	ote Info	ormation																							-
			N	ote #	CPPI-000028-2012				Note	e Type Credit										Status	Fresh					
			Note	Date	Aug-07-2019				Finance	Book AVEOS	s								Ref. D	ос. Туре	Prepayme	ent Invo	ice			
			Company Addre	ss ID	0011			Co	mpany Ad	ddress 54,MA	HATMA G	ANDHI ROA	ADKOLKA													
-	-Cu	istomer	r Information																							
			Customer Register	ed At	RAMCOOU				Custor	mer # 400007	7								Custom	er Name	Customer	r 8				
l I			Bill to Cu	.st. #	400007			Bill to Cur	stomer Ad	ddress 7373 C	Côte-Vertu	u west,Dorv	а						1	Bill to ID	Bill to	0	Custom	er 8		
			Customer Not	te No	ITm_8908			Custome	er Note Ar	mount 1,380.	.00							Cus	tomer N	ote Date	Aug-07-2	019				
	- Pa	iyment	Information																	-						
			Curi	ency	CAD				Exchange	e Rate 1.0000	00000								P	ay Term	1					
			Receipt Me	:thod				_	Anchor	r Date Aug-07	7-2019	-							Total	Amoun	t 1,380.00					
			Comn	ients					Auto A	Adjust No																
	-Pa	art Infor	rmation							$-\Delta$																
44	4	1	-2/2 > >>	T T.								L III 🗊	XR	首	e	単 個		<b>1</b> 4 X	All			-				ρ
#		Line #	Document Ty	pe		Ordering Poir	nt	Docur	ment	Mowly ad	ded di	ienlav o	nly		-			Variant	#	0	uantity				Unit Rai	te
1			1 Customer Pre	paymer	nt Invoice	RAMCOOU		CPI-00	0004	Auto Adi	ueu ui	ispiay u	niiy													
2			0			RAMCOOU				Auto Auji		UTIDO						CGST-0:	L							

# Ability to auto default GST and TDS in Customer Debit Credit Note based on Sales Tax Rules

Reference: APRP-345

# Background

GST and TDS are applicable on all the services In India. In Customer Debit Credit Notes, these taxes can be added manually and there is no auto Inheritance of taxes in Customer Debit Credit Notes. Provision is therefore required to enable auto inheritance of taxes in Customer Debit Credit Notes through Sales Tax Rules.

## **Change Details**

• A new parameter has been added in the **Set Finance Process Parameters** activity under the **OU Parameter Set up** business process in order for tax inheritance from Sales Tax Rules in **Customer Item Based Note** 

<u>Category</u>: Customer Debit Credit Note <u>Parameter</u>: Allow Inheritance of Taxes in Customer Item Based Note based on <u>Permitted Value</u>: Enter '0' for 'Statutory Tax Defaults' and '1' for 'Sales Tax Rules'.

- New fields have been added in the Create / Edit / Authorize / View Item Based Note activity under the Customer Debit Credit Note business component as follows:
  - I. In the 'Note Information' section two fields 'Company Address ID' and 'Company Address'.
  - II. In the 'Customer Information' section three new fields, Bill to Customer, Bill to Customer Name and Bill to ID has been added
  - Note: The system defaults Address ID mapped to the Finance Book in which the Item based note is being generated in the newly added 'Address ID' field
  - The system considers the Tax Region mapped to this Address ID for the 'Tax Region From' and the Bill to Address Id of the Bill to customer will be taken for 'Tax Region To'.
  - The Company Address ID and Address ID fields are mandatory if the login company is an Indian company
- On generation of note, if the parameters 'Tax Inheritance based on Sales Tax Rules' is set as 'Yes' and Sales Tax Rules are defined against the document type 'Customer Item Based Note, the system defaults the Taxes and displays the same in the Item Based Note in the T/C/D screen. Total Note amount is calculated by considering the TCD amount.
- If the Tax Region from and to is modified and the Note is brought to Edit mode, then the tax that was previously inherited will get deleted and the new tax should get inherited,

Exhibit 1:

Set Finance Process Parameters activity in the OU Parameter Setup business component

Set option introduction for Auto Inheritence of taxes in Customer Debit Credit Notes from Sales Tax Rules

<b>^</b> >	Fina	nce Setup 🔰 OU Parameter Se	etup 🔰 Set Finance Process Parameters	~				
*	D.	Set Finance Process Paran	neters			74		+ ? 🖬 (
-	Searc	h Criteria						
		Parameter Level Orga	anization Unit Level 💌	Business Process Receivable Management	~	Category Customer D	ebit Credit Not	e 🔻
	Searc	h Results						
44	4	1 - 5 / 5 <b>&gt; &gt; + 0 T</b>	T <sub>x</sub>	人而回	X. 区首 X 单 单 Ⅲ 林 X AI		•	Q
#		Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1		Receivable Management	Customer Debit Credit Note	Allow Inheritence of Taxes in Customer Item Based Note	Enter "0" for Tax Defaults and "1" for Sales	0	Defined	
2		Receivable Management	Customer Debit Credit Note	Allow modification of taxable amount in Customer Item	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
3		Receivable Management	Customer Debit Credit Note	Application of Default Tax key in Commer Debit Credit	Enter "0" for Document Level and "1" for Line	1	Defined	
4		Receivable Management	Customer Debit Credit Note	Basis for Auto Adjustment	Enter '0' for Reference Document in Note and	0	Defined	
5		Receivable Management	Customer Debit Credit Note	Default Auto Adjust in Cus Newly added	Enter '0' for No and '1' for Yes	0	Defined	
6				parameter				
		4						۱.
_								
				Set Parameters				

# Exhibit 2:

Create Item Based Note activity in the Customer Debit Credit Note business component

🏠 > Receivables Management >	Customer Debit Credit Note 冫 🖙	eate Item Based Note							
★ 🗻 Create Item Based No	ote					×4 🖽 🖶		?	Ē
Note Information									_
Note #		Note Type	Credit 💌		Status				
Finance Book	AVEOS 🔻	Ref. Doc. Type	Others	•	Numbering Type	CIC 🔻			
Note Date	Aug/06/2019	Company Address ID 👂	1		Company Address	2311 Alfred-Nobel Bo	ulevard	٦	
Customer Information								-	
Customer Registered At	RAMCOOU	Customer # 👂			Customer Name				
Bill to Cust. #		Bill to Customer Name			Bill to ID	×		٦	
Customer Note No		Customer Note Amount			Customer Note Date	Aug/06/2019	<b></b>		
Payment Information			_						
Currency	CAD 🔻	Exchange Rate		1.00000000	Pay Term 👂				
Receipt Method	<b>•</b>	Anchor Date	Aug/06/2019		Total Amount				
Comments		Auto Adjust	No 💌	Newly added fields	Draft				
- Search Criteria									
Prepayment Invoice		Order Invoice			Direct Invoice				
Order # From		То			Debit Note				
Invoice/Note # From		То			Credit Note		2		
Order/Invoice/Note Date From	100 (100 (100 (100 (100 (100 (100 (100	То							
Invoice/Note Amount From		То				Search			
T/C/D Information									
Default Tax Key	T	Tax Exclusive							
🐳 🔺 [No records to display] 🕨	• + - 0 % ¢ ¢ T T,		人面上		All	•			ρ

### Exhibit 3:

Edit Item Based Note activity in the Customer Debit Credit Note business component

eivables Management 🗡 🤇	Customer Debit Credit N	ote 🗲 Edit Item Based Note															
Edit Item Based Note	:					44	4 1	2 3	4 5	• •	2 /80	≭ [	. 8	4	<b>←</b> 1	2	3 (
Information																	
Note #	CID-000381-2019		Note Type	Debit						Stat	us Fresh						
Note Date	07/31/2019		Finance Book	AVEOS	•					Ref. Doc. Ty	pe Other	s					
Company Address ID 👂	0011		Company Address	54,MAHA	rma gandhi	ROADKOLKA											
mer Information																	
Customer #	1090000		Customer Name	Custome	er 3				Custom	er Registere	i At RAM	COOU					_
Bill to Cust. #	1090000		Bill to Customer Name	Custome	er 3					Bill to	ID 1	•	Air I	ndia Buil	ling,1st	: Floor,	N
Customer Note No	Test	A (	Customer Note Amount		1,0	00.00			Cus	tomer Note D	ate 07/	31/2019		<b></b>			
ent Information																	
Currency	CAD 💌	_/ \	Exchange Rate			1.00000000				Pay Term	P N03	0D000_	0.0				
Receipt Method	Regular 💌	Nowly added fields	Anchor Date	07/31/2	019	Ē				Total Amo	unt <b>1,00</b>	0.00					
Comments		Newly added lields	Auto Adjust	No	•					D	raft 📃						
nformation																	
1 -1/1 > >> + -					人口日	XCD	6 C II	H 010	14 20	All			Ŧ			ρ	1
Line # Document Typ	De	Originating Point	Document	#		Part/T/C/D #				Variant #					Qua	antity	
1 Item Based Cr	Note	RAMCOOU	CIC-000406	-2019		test9											
	ivables Management > Edit Item Based Note formation Note # Note Date Company Address ID P Customer # Customer # Customer # Customer Note No ent Information Currency Receipt Method Comments formation 1 -1/1 P PP + - Line # Document Typ 1 Item Based Co	ivables Management. > Customer Debit Credit N Edit Item Based Note formation Note ≠ CID-000381-2019 Note Date 07/31/2019 (1) Company Address ID p 0011 Customer ≠ 1090000 Outcomer Note No Test Information Currency CAD ▼ Receipt Method Regular ▼ Comments formation 1 -1/1 P P + - C ≠ O Ci T T, Line ≠ Document Type 1 Item Based Cr Note	ivables Management > Customer Debit Credit Note > Edit Item Based Note         Edit Item Based Note         anformation         Note # CID-000381-2019         Note Date         07/31/2019         Edit Item Based Note         Company Address ID \$\rho\$ 0011         company Address ID \$\rho\$ 0011         company Address ID \$\rho\$ 0011         contraction         Customer # 1090000         Bit to Cust. # 1090000         Currency       CAD \$\vec{D}\$         Receipt Nethod       Test         nt Information       Comments         Comments       Newly added fields         afformation       Newly added fields         1 1-1/1       P + - O \$\vec{D}\$       \$\vec{L}\$ \$\vec{L}\$         1 Item Based Cr Note       RAMCCOU	ivesbles Hanagement > Customer Debit Credit Note > Edit Item Based Note         Edit Item Based Note         information         Note # CID-000381-2019         Note Date         07/31/2019         Bit to Cust # 1090000         Customer # 1090000         Customer Note Note         Bit to Cust. # 1090000         Customer Note Note         Customer Note Note         Currency       CAD         Comments       Exchange Rate         Comments       Newly added fields         Inchor Date       Auto Adjust         Iformation       Cuctoment Type         I -1/1       P       P         I tem Based Cr Note       RAMCCOU	ivebles Management > Customer Debit Credit Note > Edit Item Based Note         Edit Item Based Note         Information         Note # CID-000381-2019         Note Date         07/31/2019         Edit Item Based Note         Information         Note # CID-000381-2019         Note Date         07/31/2019         Edit Octst         Company Address 1D 0         Outsomer # 1090000         Customer # 1090000         Customer Name         Ourrency         CAD         Receipt Method         Regular         Comments         Newly added fields         Not djust         No         Information         1         1         Item Based Cr Note	Notes Management > Customer Debit Credit Note > Edit Item Based Note         Edit Item Based Note         Information         Note Type Debit         Note Type Debit         Company Address ID P 0011       Company Address 54,MAHATMA GANDHI         Customer # 1090000       Customer Name       Customer 3         Bil to Cust. # 1090000       Bil to Customer Name       Customer 3         Customer # 1090000       Bil to Customer Name       Customer 3         Customer # 1090000       Bil to Customer Name       Customer 3         Customer Note No       Test         Customer Note No       Customer Note No         Customer Type       Originating Point       Document #         Line #       Document #       Customer Type         1       1       1       1       Edit New       2 <td>Webles Hanagement &gt; Customer Debit Credit Note &gt; Edit Item Based Note       41         Edit Item Based Note       41         Information       Note # CID-000381-2019       Note Type Debit         Note Date       07/31/2019       10         Company Address ID 0       0011       Company Address 54,MAHATMA GANDHI ROADKOLKA         ner Information       Customer # 1090000       Customer Name       Customer 3         Bit to Cust # 1090000       Bit to Customer Name       Customer 3         Currency       CAD       Test       Customer Note Amount       1,000.00         Information       Currency       CAD       Exchange Rate       100000000         Currency       CAD       Newly added fields       Auto Adjust       No         Information       Comments       Newly added fields       07/31/2019       1         Information       Information       Information       Information       Information         1       Information       Information       Information       Information       Information       Information         1       Information       Information<td>Webles Hanagement &gt; Customer Debit Credit Note &gt; Edit Item Based Note</td><td>Note Status Credit Note &gt; Edit Item Based Note</td><td>Inter Paragement &gt; Customer Debit Credit Note &gt; Edit Item Based Note</td><td>Note Shanagement &gt; Customer Debit Credit Note &gt; Edit Ttem Based Note</td><td>Wables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note   Edit Item Based Note    <ul> <li> <ul> <li> <ul> <li> <li> <ul> <li></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></li></ul></li></ul></li></ul></td><td>Wables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note</td><td>Wables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note   Edit Item Based Note    If if and item Based Note    Note # CID-000381-2019   Note # CID-000381-2019   Note Date   OT/31/2019   Note Type Debit Finance Book AVEOS ▼ Ref. Doc. Type Others    Status Fresh Ref. Doc. Type Others Customer # 1090000 Customer Note Note Note Note Note Note Note Note</td><td>Violables Management &gt; Customer Debit Credit Note &gt; Edit Ttem Based Note   Edit Item Based Note    Aformation    Note # CID-000381-2019   Note # CID-000381-2019 Customer # Down Customer # Down Customer # Down Customer Note Note Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Note Note Note Text Newly added fields Note Added fields Note Addition Tipe Originating Point Document # Document # Pay Text Note # Wit # # All * Image: All *</td><td>Violables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note</td><td>Violables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note   Edit Item Based Note Information Note # CD=00038-2019 Note # CD=0038-2019 Note Date 07/31/2019 Note 0 Not</td></td>	Webles Hanagement > Customer Debit Credit Note > Edit Item Based Note       41         Edit Item Based Note       41         Information       Note # CID-000381-2019       Note Type Debit         Note Date       07/31/2019       10         Company Address ID 0       0011       Company Address 54,MAHATMA GANDHI ROADKOLKA         ner Information       Customer # 1090000       Customer Name       Customer 3         Bit to Cust # 1090000       Bit to Customer Name       Customer 3         Currency       CAD       Test       Customer Note Amount       1,000.00         Information       Currency       CAD       Exchange Rate       100000000         Currency       CAD       Newly added fields       Auto Adjust       No         Information       Comments       Newly added fields       07/31/2019       1         Information       Information       Information       Information       Information         1       Information       Information       Information       Information       Information       Information         1       Information       Information <td>Webles Hanagement &gt; Customer Debit Credit Note &gt; Edit Item Based Note</td> <td>Note Status Credit Note &gt; Edit Item Based Note</td> <td>Inter Paragement &gt; Customer Debit Credit Note &gt; Edit Item Based Note</td> <td>Note Shanagement &gt; Customer Debit Credit Note &gt; Edit Ttem Based Note</td> <td>Wables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note   Edit Item Based Note    <ul> <li> <ul> <li> <ul> <li> <li> <ul> <li></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></li></ul></li></ul></li></ul></td> <td>Wables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note</td> <td>Wables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note   Edit Item Based Note    If if and item Based Note    Note # CID-000381-2019   Note # CID-000381-2019   Note Date   OT/31/2019   Note Type Debit Finance Book AVEOS ▼ Ref. Doc. Type Others    Status Fresh Ref. Doc. Type Others Customer # 1090000 Customer Note Note Note Note Note Note Note Note</td> <td>Violables Management &gt; Customer Debit Credit Note &gt; Edit Ttem Based Note   Edit Item Based Note    Aformation    Note # CID-000381-2019   Note # CID-000381-2019 Customer # Down Customer # Down Customer # Down Customer Note Note Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Note Note Note Text Newly added fields Note Added fields Note Addition Tipe Originating Point Document # Document # Pay Text Note # Wit # # All * Image: All *</td> <td>Violables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note</td> <td>Violables Management &gt; Customer Debit Credit Note &gt; Edit Item Based Note   Edit Item Based Note Information Note # CD=00038-2019 Note # CD=0038-2019 Note Date 07/31/2019 Note 0 Not</td>	Webles Hanagement > Customer Debit Credit Note > Edit Item Based Note	Note Status Credit Note > Edit Item Based Note	Inter Paragement > Customer Debit Credit Note > Edit Item Based Note	Note Shanagement > Customer Debit Credit Note > Edit Ttem Based Note	Wables Management > Customer Debit Credit Note > Edit Item Based Note   Edit Item Based Note <ul> <li> <ul> <li> <ul> <li> <li> <ul> <li></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></li></ul></li></ul></li></ul>	Wables Management > Customer Debit Credit Note > Edit Item Based Note	Wables Management > Customer Debit Credit Note > Edit Item Based Note   Edit Item Based Note    If if and item Based Note    Note # CID-000381-2019   Note # CID-000381-2019   Note Date   OT/31/2019   Note Type Debit Finance Book AVEOS ▼ Ref. Doc. Type Others    Status Fresh Ref. Doc. Type Others Customer # 1090000 Customer Note Note Note Note Note Note Note Note	Violables Management > Customer Debit Credit Note > Edit Ttem Based Note   Edit Item Based Note    Aformation    Note # CID-000381-2019   Note # CID-000381-2019 Customer # Down Customer # Down Customer # Down Customer Note Note Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Text Customer Note Note Note Note Note Text Customer Note Note Note Note Note Note Text Newly added fields Note Added fields Note Addition Tipe Originating Point Document # Document # Pay Text Note # Wit # # All * Image: All *	Violables Management > Customer Debit Credit Note > Edit Item Based Note	Violables Management > Customer Debit Credit Note > Edit Item Based Note   Edit Item Based Note Information Note # CD=00038-2019 Note # CD=0038-2019 Note Date 07/31/2019 Note 0 Not

#### Exhibit 4:

Authorize Item Based Note activity in the Customer Debit Credit Note business component

★ 🗎 Authorize Item Based Note				<b>44 4 51 52 53 5</b>	4 ▶ ₩	54 /54 ⊐⊄\$		₽ ←	? 🗔	F
Note Information										
Note # CPPI-000029-2012		Note Type Credit			Sta	itus Fresh				
Note Date Aug-08-2019	E Fin	ance Book AVEOS 🔻			Ref. Doc. T	ype Prepayme	nt Invoice			
Company Address ID 👂 0011	Compan	ny Address 54,MAHATMA G								
- Customer Information										
Customer Registered At RAMCOOU	Custome	er Name Customer 8			Customer #	400007				_
Bill to Cust. # 400007	Bill to Custome	er Name Customer 8			Bill to ID	Bill to	▼ 7373	Côte-Vertu	west,Dorva	
Customer Note No test678	Customer Note	Amount	1,400.00	Custon	ner Note Date	Aug-08-2019		( <u></u> )		
Payment Information										
Currency CAD 🔻		nge Rate	1.0000000		Pay Term	ρ				
Receipt Method	Newly added fields	hor Date Aug-08-2019	1 <u>m</u> 1 1111		Total Amo	unt 1,400.00				
Comments		uto Adjust No 🔻								
Part Information										
		<u>ا م</u>			All		•		Q	
# 🖾 Line # Document Type	Originating Point L	Document #	Part/T/C/D #		Variant #				Quantity	
1 🗉 1 Customer Prepayment Invoice	RAMCOOU	CPI-000042-2013								
2										

#### Exhibit 5:

Authorize Item Based Note activity in the Customer Debit Credit Note business component

Receivables Management > Customer Debit Credit	Note > View Item Based Note		<b>&gt;</b>										
★ 🗎 View Item Based Note				44	<ul><li>31 32</li></ul>	33 34	35 🕨	31 /	1565 🗷		4	<b>⊢</b> 2	
- Note Information													
Note # CPPI-000025-2012		Note Type	Credit					Statu	s Fresh				
Note Date Jul-01-2019		Finance Book	AVEOS				Ref	. Doc. Type	e Prepayme	nt Invoice			
Company Address ID 1		Company Address			]								
Customer Information													
Customer Registered At RAMCOOU		Customer #	400007				Custo	omer Name	e Customer	8			
Bill to Cust. #		Bill to Customer Address						Bill to IE	)		1		
Customer Note No ITM_001_2019	$\wedge$	Customer Note Amount	3,288.00				Customer	r Note Date	a Jul-01-20:	19			
Currency CAD	_/ \	Exchange Rate	1.00000000					Pay Tern	1				
Receipt Method	Newly added fields	Anchor Date	Jul-01-2019				To	otal Amoun	t 3,288.00				
Comments	· · ·	Auto Adjust	Yes										
- Part Information													
							11 % Al	1		•			Q
# Line # Document Type	Ordering Point	Document #		Part/T/C/D #			Variant #	0	uantity			Unit	Rate
1 1 Customer Prepayment Invoice	RAMCOOU	CPI-000007-2012						-					

# WHAT'S NEW IN FIXED ASSETS MANAGEMENT?

# Ability to capture Analysis Code in Asset Record during Automatic and Manual Capitalization

Reference: APRP-125

# Background

Asset Proposal has been enhanced to capture Analysis Code and Sub Analysis Code. The Requirement is to capture Analysis Code & Sub Analysis Code in Asset Record during Capitalization by defaulting the Analysis # and Sub Analysis # available in the Asset Proposal.

## **Change Details**

#### Manual Capitalization

- Analysis # and Sub Analysis # are added in **Create Asset Record** screen, and would be defaulted from Asset Proposal # (if available) and can be modified. If CIM Interaction is enabled between **Account Based Budget** and **Asset Planning** components, then Analysis # and Sub Analysis # are mandatory during capitalization.
- Analysis # and Sub Analysis # are added in **Edit Asset Properties** screen, which would display the saved details of Asset Record and could be modified.
- Analysis # and Sub Analysis # are added in **Authorize Asset Record** and **Amend Asset Record** screens and would display the saved details of the Asset Record.
- In Help on Asset Tag screen, Analysis # and Sub Analysis # are added in the search criteria.
- In View Asset Record (Select Asset Record), Analysis # and Sub Analysis # are added in the Search Criteria and in View Asset Record screen, Analysis # and Sub Analysis # are added as display control which would display the Analysis # and Sub Analysis # saved for the Asset Record.

#### Asset Automation & Fixed Assets Hub:

- During Asset Automation, Analysis # and Sub Analysis # from Asset Proposal is captured and saved in Asset Record.
- In FA Hub Pending Capitalization (Asset Info.) Analysis # and Sub Analysis # is defaulted from Asset Proposal. If CIM Interaction is enabled between Account Based Budget and Asset Planning, then Analysis # and Sub Analysis # are mandatory to be provided during capitalization.
- In FA Hub Pending Auth. (Asset Info.) Analysis # and Sub Analysis # saved during Asset Creation is displayed and could be modified.
- In FA Hub Pending Amend Auth. (Asset Info.) Analysis # and Sub Analysis # are added in the multiline.
- In FA Hub Direct Capitalization (Asset Info.) Analysis # and Sub Analysis # are added in the multiline. If CIM Interaction is enabled between Asset Proposal and Asset Planning, then Analysis # and Sub Analysis # are mandatory.



# Exhibit 1: Analysis # and Sub Analysis # in Create Asset Record:

<b>*</b> ;	Fix	ed Asset	s Manage	ment >	Asset Capitalization 9	Create As	set Record		<u>^</u>					
*		Create	Asset R	ecord							RAMCO OU-Ra	nco Role 👻 📿 🔒	⇒ <del>←</del>	? 🗔 🗷
	ocum	ent Infor	mation —											
			Capitaliz	ation No.	CAP-000530-2020						Statu	Fresh		
			Capitaliza	ion Date	2020-02-12	Ē		Finance Book	· · · · ·		Numbering Type	CAP 💌		
- 4	set I	nformati	on ———											- 1
			Asset Cl	ass Code	SCM-GRNDE <		1	Asset Group Code	BLDGMTCE	Q	Cost Cente	7610	Q	
			,	Asset No.	SCM-GRNDE-268			Asset Description	SCM-GRNDE-093		Asset Cos	t	2,590.00	
			A	nalysis #	1110	Q		Sub Analysis #	a100	Q				
_														
- 1	ig Inf	formation		_										
*	•	1 - 1/	1 🕨 🍽	+ 🗆	8 🌣 й 🍸 🏋				<u>ل</u> م	l 🛛 🖹 🛛 🛪 (	≥ ≥ ∓ += III 14 % All	▼ Search	1	Q
#		🗆 Ta	g No.	Tag De	escription		Depreciation Category		In-service Date		Useful Life (in mths)	Useful Life expi	res on	
1			1	SCM-GF	RNDE-093-001		SCM-GRNDE8	~	2020-02-12		240.000	0000 2040-02-11		
2								~	•	Ē	5			

#### Exhibit 2: Analysis # and Sub Analysis # in FA Hub:

	Fixed	d Assets H	lub							RAMCO O	U-ramco role 🔻 💢 🛱	+ 1	? [
ing C	ap.	1018	B Pending	Auth. 309	Pending Ame	nd Auth. 0							
irch													
et In	to.	Joc. Line Inf	0.										-
4	1	- 12/321	• • + -	• 🗇 🛠 🏟 🗭 🏋 🏏				ㅅ 🗉 🗟 😒 🕶 🗳	X # # III # %	All	<ul> <li>Search</li> </ul>	Q	
		sset Class Co	ode Asset #	Asset Description	Та <u>с</u> #	Tag Description	Asset Cost	Asset Group Code 🛛 🔎	Asset Cost Center $ \mathcal{P} $	Asset Analysis ♀ D↑ #	Asset Sub Analysis # 🔎	C	
		TABLES	✓ HH	HH1	1	11	68,436.00	BLDGMTCE	1200	1110	A100	N	
		1C-BDGEQ	<b>v</b>		1		250.00	BLDGMTCE	1100	1110	A100	E	
		TABLES	<b>v</b>		1		144.50	BLDGMTCE	1100	1110	A100	N	
		TABLES	~		1		144.50	BLDGMTCE	1100	1110	A100	N	
		TABLES	<b>v</b>		1		833.34	BLDGMTCE	1100	1110	A100	N	
		1C-BDGEQ	×		1		250.00	BLDGMTCE	1100	1110	A100	E	
		1C-BDGEQ	×		1		17,983.88	BLDGMTCE	1100	1110	A100	E	
		TABLES	~		1		2,500.00	BLDGMTCE	1100	1110	A100	N	
		TABLES	~		1		2,459.00	BLDGMTCE	1100	1110	A100	N	
		TABLES	~		1		2,459.00	BLDGMTCE	1100	1110	A100	N	
		TABLES	V ROTABLES	-77 abcd	1	test	7,137.10	BLDGMTCE	1100	1110	A100	R	
		TABLES	×		1		76.04	BLDGMTCE	1200	1110	A100	N	
		4										•	

# Improvements in Manual Capitalization with single and multiple asset generation and Performance Optimization in Fixed Assets Hub

Reference: APRP-489

# Background

Fixed Assets Hub facilitates bulk generation of assets under the Pending Capitalization bucket during Manual Capitalization. In the Doc. Line Info. tab, Asset Grouping, Tag Grouping and No. of tags help in managing the number of assets/tags which are generated. However, if the grouping is not specified, assets will be generated based on the pre-defined logic. The requirement is to generate Multiple Assets for the selected document lines, especially in case of Shop Work Order/AME where multiple lines are displayed at task level.

This enhancement facilitates manual numbering of the Assets in Fixed Assets Hub and explains the creation of Multiple Assets. Also, performance optimization is also provided for the Fixed Assets Hub screen.

## **Change Details**

#### OU Parameter Setup

A new Process Parameter "Default Asset Gen. Option in FA Hub" is added under the Parameter Level 'Company Level', Business Process 'Fixed Asset Management' and Category 'Asset Capitalization' in the **Set Finance Process Parameters** screen of the **OU Parameter Setup** business component, with the following Permitted Values:

- 0 for Blank The "Asset Gen. Option" drop-down field is defaulted with the value 'Blank' on launch of the page.
- 1 for Single The "Asset Gen. Option" drop-down field is defaulted with the value 'Single' on launch of the page.
- 2 for Multiple The "Asset Gen. Option" drop-down field is defaulted with the value 'Multiple' on launch of the page.
  - If 'Multiple' is selected, Multiple Asset # will be generated for the selected lines with same proposal no., based on the No. of assets specified in the adjacent field



#### Exhibit 1: Identifies the changes in the Set Finance Process Parameters screen

<b>^ &gt;</b>	Finance	Setup 👂 OU Parameter Setup	> Set Finance Process Parameters	•				
* 1	Set	Finance Process Paramete	ers		RAMCO	) OU-Ramco Role 🔻	× 🖨 🛱	<b>←</b> ? [₀
- Sei	urch Crite	Parameter Level Company	Level 💌	Business Process Fixed Asset Management	V	Category Asset Ca	pitalization	•
*	• 1	- 3/3 🕨 🗰 🕂 🗇 💥 🏋 🛪		人血同	x 🛛 x 📽 X 🖡 🗰 🖬 🞋 🖉	All	<ul> <li>Search</li> </ul>	Q
#		Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1		Fixed Asset Management	Asset Capitalization	Retrieve Work Orders/Packages based on closure date for	Enter '0' for 'No' and '1' for 'Yes'		Not Defined	
2		Fixed Asset Management	Asset Capitalization	Automatic Creation of Asset ID based on	Enter '0' for Asset Class or Enter a valid	0	Defined	
3		Fixed Asset Management	Asset Capitalization	Default Asset Gen. Option in FA Hub	Enter 0 for Blank ; 1 for Single ; 2 for Multiple	2	Defined	
4								
					Ne Pa	w Process rameter adde	d	
		٠						•
				Set Parameters				

#### Fixed Assets Hub

- A new drop-down field "Asset Gen. Option" is added in the 'Doc. Line Info.' Tab of the Fixed Assets Hub screen. The system lists the values 'Blank' and 'Single'.
  - Blank Asset can be generated with manual Numbering.
  - o Single Single Asset will be created for the selected lines.
  - Multiple Multiple Asset # will be generated for the selected lines with same proposal no., based on the No. of assets specified in the adjacent field.
- A new field "Wr. off date" is added in the 'Doc. Line Info.' Tab to specify the Write Off date of the Asset. The Write off JV is generated for the given Write off date for all the selected lines.
- In the "Search section", a new drop-down value 'Board Reference' is added in the "Search On" field to retrieve the Document Details/Asset Info details whose proposal has the specified Board Reference.
- **Compute** button is introduced to display the total Cap. Amount for the lines selected in **Total Cap. Amt.** field.
- Manual Asset Numbering: Asset # can now be manually provided in Fixed Assets Hub in the Asset Info. Tab, after the Asset is generated. In addition to Asset Class based numbering and Numbering Type based numbering, Manual numbering of assets is enabled from the Hub.
- Sys. Asset # is a new display only control added to display the system generated Asset # on click of create Asset ID for (Single, Multiple & Blank). Asset # can be entered in Asset Info. Tab, before Authorization of the asset. Refer **Exhibit 3**.
- The Fixed Assets Hub screen is enhanced with the screen launch time by either modifying the required data offline or tuning the current fetch logic of various documents.



Exhibit 2: Identifies the changes in the Fixed Assets Hub screen

* > Fixed Assets Management > Fixed Assets Hub > Fixed Assets Hub     ************************************																			
★ 目 F	ixed As	sets Hub												RAMCO (	OU-Ramco Role	e 🕶 🗆	: 🗗	<b>+</b> 1	
Asset Revie	w Capi	talization Capit	alization - N	Ion Doc. Based															
Pending Car	D.	1114 Pe	endina Auth.	87	Pending A	mend Auth. 0													
- Search-											_								
	Doc	ument Type All		-		Document # from/to						Document D	ate from/to			1000) 1111			
		Proposal #		Q		Finance Book/ Asset Class	All		✓ All	•			Search On	Supplier	r Code	•			
	N	on - Capital? 📃				Root Exe. Doc.			-										
								Search											
Asset Info.	Doc. Li	ine Info															Action	ns Re	ports
44 4	1 . 12	2/1152	+ - 0	<b>% Y 7</b>		Å	. In 1	<b>∃</b>	C X I +		ΔII		▼ Searc	h	0		View A	sset Pro	p 🔺
	1 - 14	91132 · ·						Gan #/		UNU 14 74		Pend Can	Jocure		~	- 61	Transfe	er Asset	
#		Doc. Type	Doc.	#	Doc. Date	Ref. Doc. Info./ Supplier	Name	Line #	Doc. Amt.	Line Amt.		Amt.	Cap. Amt.		Asset #		Split As	iset e Accet	
1	E C	Component Work	order AWO	-000021-2016	04-08-2016	1 / C9386		1	12,100.00	12,10	00.00	10,100.00	10,1	00.00			Retire	Asset	
2	E C	Component Work	order AWO	-000021-2016	04-08-2016	0 / C9386		0	57,000.00	57,00	00.00	15,000.00	15,0	00.00			Proces	Depred	i
3	E C	Component Work	corder CWO	-008823-2019	04-12-2019	1 / C004212-2019		1	59,330.34	59,33	30.34	59,330.34	59,3	30.34			Locatio	n Info	
4	E C	Direct Invoice	ITM-0	000002-2012	18-05-2012	1 / Supplier 3		1	113.01	11	13.01	1.11		1.11			Edit Pro	operties	
5		Direct Invoice	1714./	000002-2012	18-05-2012	1 / Supplier 3		1	113.01	11	13.01	1.98		1.98			Create	Dep Adj	
6		otal Cap. A	mount	012	04-	La Multin La Diau					.00	1,921.00					Create	Cap JV	
7	▼ €	or colocted	lines	:012	04. Singi	le, Multiple, Blan	ĸ	Num	iber of asse	ts to	.00	1,921.00	Wr.	Off d	late' to w	vrite	Asset I	denfor №	I
8			lines	:012	04 Asse	t Gen. option		be c	reated		.50	4,802.50	off t	he as	sets		Asset I	denfor F	a 🔻
9	C	oice	ITM-0	000010-2012	04-						.50	4,802.50	L_,				-		
10	• 9	t Invoice	ITM-0	000011-2012	04-06-2012	1 / Supplier 3			4,802.50	4,80	02.50	4,802.50		/					
11		Direct Invoice	ITM-0	000012-2012	04-06-2012	1 / Supplier 3			4,802.50	4,80	02.50	4,802.50		2.50					
12		Direct Invoice	ITM-0	000013-2012	04-06-2012	1 / Supplier 3			3,842.00	3,84	42.00	842.00	8	42.00					
Con	npute			Total Cap.	Amt.					Wr.	off date	18-12-2019	<b></b>	W	rite off				
		Save			Ass	set Gen. Option Multiple	-	3 Create	Asset ID			Am	end Asset II	D		*			

# Exhibit 3: Identifies the addition of 'Sys. Asset #' field in Fixed Assets Hub screen

1.	• 1	1 - 12/1152 🕨 😕 🛨 💻 📢					x x × •	23 🔺 🕂 💷 🎀 🖄	All	Search Q
ŧ		Ref. Doc. Info./ Supplier Name	Seq. #/ Line #	Doc. Amt.	Line Amt.	Pend. Cap. Amt.	Cap. Amt.	Asset #	) Tag #	Sys. Asset #
		1 / C9386	1	12,100.00	12,100.00	10,100.00	10,100.00			
		0 / C9386	0	57,000.00	57,000.00	15,000.00	15,000.00			
		1 / C004212-2019	1	59,330.34	59,330.34	59,330.34	59,330.34			/
ł		1 / Supplier 3	1	113.01	113.01	1.11	1.11			/
5		1 / Supplier 3	1	113.01	113.01	1.98	1.98		[	
5	V	1 / Supplier 3	1	1,921.00	1,921.00	1,921.00	1,921.00	Nev	/ display fields	
7	V	1 / Supplier 3	1	1,921.00	1,921.00	1,921.00	1,921.00	(Sur	Accot ID' addod	
3		1 / Supplier 3	1	4,802.50	4,802.50	4,802.50	4,802.50	Jys	Asset ID added	
)		1 / Supplier 3	1	4,802.50	4,802.50	4,802.50	4,802.50			
10		1 / Supplier 3	1	4,802.50	4,802.50	4,802.50	4,802.50			
11		1 / Supplier 3	1	4,802.50	4,802.50	4,802.50	4,802.50			
12		1 / Supplier 3	1	3,842.00	3,842.00	842.00	842.00			
		4								•

# Ability to display Asset Records with Part Attributes for Review in FA Hub

Reference: APRP-124

## Background

Fixed Assets Hub facilitates capitalization of assets (Creation, Amendment and Authorization of assets). It also facilitates creation of assets without reference documents. The requirement is enable detailed review of fixed assets records with part attributes based on MAT mapping information.

## Change Details

• A new context **Asset Review** has been enabled in FA Hub as a default context on launch of the screen. It enables review of details of the assets and its tag with its cost, depreciation and book value along with the details of the Part/Component information based on Maintenance Asset Tracker Mapping.

★ ■ Fixed A	Assets Hub Dimer	nsions to	o search A	Asset d	etails			
Asset Search Optio	Search		Asset Del Asset List	tails				
Accet Class	Asset Class			1	- 1/1 🕨 🕨	- 7 %		人 🗉 🗟 文
a Asset Class	Asset Group		#		Asset #	Tag #	Asset Description	Tag Description
	Cost Center Analysis Code		1					
		3						

Exhibit 1: Asset Review - Dimensions to Search Asset Details

• The Asset Tree section loads the count of assets based on the criteria selected: Asset Class/ Asset Group/ Cost center/ Analysis code, under the respective Company & Finance Book. The tree node displays the count of assets and tags under each of the asset class or the other criteria as selected. On click of the node with Asset-tag count, all the asset tags of the particular node will be displayed in the multiline.

Exhibit 2: Asset Tree display in FA Hub

\star 🔋 Fixed Assets Hub			
📕 Asset Review 🏟 Capitalizatio	on 💐 Capitalization - Non	Doc. Based	
Asset Search Options Asset Tree Q Search	Asset De	tails	
Asset Class	Tree nodes fetched under FB,	1 - 1/1 > >> - T	7
	ABC - FB	Asset #	Tag # Asset Description
ABC-FB	/(5) ;)/(19)	ng Tool	
<ul> <li>EMC-FTFX(3)/(3</li> <li>EMC-GRNDE(19</li> <li>HM-BDGEQ(2)/(1)</li> <li>IT-ITEQP(1)/(1)</li> </ul>	8)/(220) (4)		
- E OH-ITEQP(1)/(1 E OH-LSHLD(2)/(1 ROTABLES(166	2) )/(257)		
B CM-GRNDE(35	0)/(771)	4	

- On clock of a node in the tree, the tree trail is displayed above the multiline for instance if an asset class is clicked on the tree node: Asset Class, Company, FB and the asset class code is displayed as trail.
- The summary of the tree node clicked in terms of Asset Cost, Cumulative Depreciation, Book Value and CWIP value will be displayed.

Exhibit 3: Asset details displayed on clicking Tree node

* E Fixed Assets Hub	ation - N	ion Doc.	Based		Select	ed search conten	t	Card Se	ection to disp	olay	≓ <del>(</del> ?
Asset Search Options	Asset	Details		Asset Class	ABC	ACA ENC-FTDI	(3)(3)	Asset v	values		
Asset Class	Asse	t Cost	58900.00	Cummulative	Depreciation 0.0	0 Book Value	0.00 Depreci	ation Year to Date	0.00 Capital Wor Progress	fkin 37 5	52644.6
ABC-PB	Asset I	4 1	· 3/3 • •• =	Ϋ́				14 % All	▼ Se	arch	Q
<ul> <li>EMC-8DGEQ(15)/(19)</li> <li>EMC-FTPX(3)/(3)</li> <li>EMC-GRNDE(198)/(220)</li> </ul>	# 1 2	5	Asset # • EMC-FTEX-1 • EMC-FTEX-2	7ag # 1	Asset Description Rot-123 Rot-123	Tag Description 1 scenario recording123	Total Asset Cost 7760.00000000 19620.00000000	Total Dep. 240.07000000 5830.07000000	Total Book Value 7759.93000000 19619.93000000	Cost Center 1400 7610	Analysis
HH-BDGEQ(2)/(4)	3	в	EMC-FTFX-3	1	Rot-123	scenario	9554.00000000	15895.98000000	9554.02000000	7610	

 In multiline the information of assets are displayed - Assets & it's description, Tag & it's description, Total Asset cost, Total Dep., Total book value, Cost Center, Analysis Code, FB, Asset Class, Asset Group, Asset Cost, CME Cost, Asset Dep., CME Dep., Book Value, Tag Status, In-ServiceDate, Tag Cost, Asset Location Code, Marked for retirement?, Component Id, Part Type, Part Description, Stock Status, Asset Account Code, Asset Account Desc., Source & Ref. Source docs., and Proposal #.

- Links to view Doc. Details, Asset Details, Acc. info., Capitalization Voucher, Upload & view docs are also given in the multiline.
- A link to launch Maintain MAT Mapping screen is also provided.

#### Exhibit 4: Asset details display in multiline

Fixed As	sel	ts Hanagement	t → Fixes	d Assets Hub > 11	ized Assets Hub			~						Link to I Mappin	launch MAT g Screen
Fixe	d /	Assets Hub	_									RAHO	0 OU-ramco role	+	? [0 ]
loset Review	v	Capitalization	i itt, Ca	pitalization - Non Do	c. Based	_							Haintain	NAT Mapping Q	
				Asset C	AVEOS	AVEOS	Assets d	etails							
Asset Cost	ł	58900.	.00	Cummulative	Depreciation	0.00 Box				Year to Date		Capital Wo	ork in Progress	1250881.55	
sset List —															
eset List —	1	- 3/3 • •	- 7 3	r'				人類問	🖻 🛛 📽	X # # 8	114 % AL		T Search	Q	
eset List	1	- 3/3 * *	- T 1 Tag #	Asset Description	Tag Description	Total Asset Cost	Total Dep.	人 hi 回 Total Book Value	Cost Center	X # # II Analysis Code	I 15 % All Finance Book	Asset Class	Search     Asset Group	Q. Accet Cost	
eset List	1	- 3/3 * * Asset # EMC-FTFX-1	- T 1 Tag #	Acset Description Rot-123	Tag Description	Total Asset Cost 7760.0000000	Total Dep. 240.07000000	Je In S Total Book Value 7759.93000000	Cast Center 1400	X # + II Analysis Code	I 14 % All Pinance Book AVEOS	Asset Class ENC-FTFX	Search     Asset Group     HARDWARE	Q Accet Cost 8000.00000000	
e 4 # 2 2 E	1	- 3/3 * # Asset # EMC-FTFX-1 EMC-FTFX-2	- ¥ 1 Tag# 1	Y Accet Description Rat-123 Rat-123	Tag Description 1 scenario	Total Asset Cost 7760.00000000 19625.00000000	Tatal Dep. 240.07000000 5830.07000000	→ h <i>Total Book</i> Value 7759.93000000 19619.93000000	Cast Center 1400 7610	X 4 4 1	I 14 % AI Pinance Book AVEOS AVEOS	Accet Clear ENC-FTFX ENC-FTFX	Search     Asset Group     HARDWARE     ISVAREQP	Q Acost Cost 8000.00000000 25450.00000000	
eset List # 4 1 E 2 E 3 E		- 3/3 * * Attet # ENC-FTFX-1 ENC-FTFX-2 ENC-FTFX-3	- ¥ 3 Tag# 1 1	Acset Description Rat-123 Rat-123 Rat-123	Tag Description 1 scenario scenario	Total Asset Cost 7766.00000000 19628.00000000 9554.00000000	Total Dep. 240.07000000 5830.07000000 15895.98000000	A In Control Book Value 7759.93000000 19619.93000000 9554.020000000 9554.020000000 9554.020000000000 9554.020000000 9554.020000000 9554.02000000 9554.02000000 9554.02000000 9554.02000000 9554.02000000 9554.02000000 9554.02000000 9554.020000000000000000000000000000000000	Cast Center 1400 7610 7610	X 4 4 1 Analysis Code	I 14 % AI Pinance Book AvEOS AvEOS AvEOS	Accet Clear ENC-FTFX ENC-FTFX ENC-FTFX	Search     Asset Group     HARDWARE     ISVAREQP     ISVAREQP	Q Asset Cost 8000.0000000 25450.0000000 25450.0000000	

• Color code which indicates the current status of the asset is also given in the multiline. Grey color indicates the asset is in fresh status, Orange color indicates the asset is in Inactive status and Green color indicates the asset is in Active status.

Exhibit 5: Asset Status display using color codes

asset C	iost		36483.04	Colour code the asset st	e which indicates atus	k Value 0	.00 Deprecia	tion Year to Date	0.00 Capital Wor Progress	kin 12 5	50881.5
4 4	1	- 13	2/14 * **				X # # III	14 % Al	<b>▼</b> Se	arch	Q
#	1		Asset #	Tag #	Asset Description	Tag Description	Total Asset Cost	Total Dep.	Total Book Value	Cost Center	Analysis
1	10	•	EMC-BDC	1			1928.00000000	71.56000000	1928.44000000	1100	1110
2	10	0	ELC-BDGEQ-4	1			600.0000000	0.17000000	599.83000000	1100	1110
3	13	0	EMC-BDGEQ-S	1			250.0000000	0.00000000	250.00000000	1100	1110
4	13	0	EMC-BDGEQ-6	1			250.00000000	0.00000000	250.00000000	1100	1110
5	23	0	EMC-BDGEQ-7	1			1375.00000000	0.00000000	1375.00000000	1100	1110
6	13	0	EMC-BDGEQ-2	1			76.0000000	0.00000000	76.04000000	1200	
7	10	0	EMC-BDGEQ-8	1			100.00000000	0.00000000	100.00000000	7610	
8	10	•	25Sep01	1	Rot-123	Test	296.00000000	34.17000000	295.83000000	1100	
9	E	•	265ep01	1	Rot-123	Test	90.00000000	10.32000000	89.68000000	1100	
10	13	•	EMC-BDGEQ-1	1	Rot-123	T1	3430.00000000	371.52000000	3430.48000000	1200	
11	83	•	EMC-BDGEQ-10	1	0000:4373A	VENNI1	24000.00000000	0.00000000	24000.00000000	1100	
12		•	EMC-BDGEQ-3	1	ASTN01	T01	1928.00000000	71.56000000	1928.44000000	1100	
		4		-							

- Basic & Advanced search are provided to search for asset with specific asset attributes. Basic search have the facility to search by using FB, Asset class, Dep. Category, Asset group, and for a particular asset.
- Advanced Search allows to search by using Proposal No., Specific Doc. Type, Doc. No., and In-service date or Capitalization date, and search on have the option to search by Current Location, Asset Location, Part

ramco

Classification and Part Type.

# Exhibit 6: Basic Search

প > Fixed Asset	s Management	> Fixed Assets Hu	b > Fixed Assets	; Hub		
★ ■ Fixed /	Assets Hub					
🕑 Asset Review 🕷	Capitalization	Basic Search Criteria	ed			
Asset Search Optio	Search	Asset	Details			
Finance Bo	ok ALL	▼ Asset	List			
Asset Cla	SS	Advanc	ed Search Criteria	- • •	7	
Dep. Catego	ry	-			Tag #	Asse
Asset Grou	qt	<u>م</u>				
Asset	#	Q				
	Get Advan	ced Search				

# Exhibit 7: Advanced Search

1	\sset De	tails								
1	Asset Lir	Advanced Search					3	?	x	
l	€€ € # 1	Proposal # Doc. Type/Doc #	All	Q V	Search on for more options					Total Bool
l		Date Based Search On		*	m iii-					
3			Current Location Part Classification Part Type Asset Location	t	Unmapped Asset	S				
	l									J

# Ability to enable Tracking ID Asset Generation, Asset Automation (LOT Controlled Parts) and MAT Mapping.

Reference: APRP-115

# Background

During various part exchanges with Suppliers/ Customers, Part #/Serial # mapped to an Asset # is flipped when issued and received Part #/Serial # are different. However, when a receipt is created first in an exchange transaction or other transactions where assets will not be registered, the received Part #/Serial # could be used for other transactions and could undergo a flip of Part #/Serial #. In this scenario, when issue is created against the first receipt, the flip takes place with the Part #/Serial # which was received first and not with the latest Part #/Serial #. The requirement is to create a Tracking ID (Notional) Asset which does not carry any value or is not part of the Fixed Asset register, to track the flips of the received Part #/Serial # until the first receipt transaction is closed.

Currently, MAT Mapping is available only for Serial Controlled Parts. The requirement is to enable Asset Auto MAT Mapping for Lot Controlled Parts also.

The MAT mapping of Part #/Serial # to an Asset #/Tag # is available separately for Capital Inventory, Facilities and Maintenance Objects. The requirement is to create a common screen, where MAT mapping can be done for Capital Inventory, Facilities and Maintenance Objects from the same screen, with other features such as mapping to multiple Asset #/Tag # at once, advanced search and auto suggestion for mapping.

## **Change Details**

#### Tracking ID Asset Generation

This enhancement enables creation of Notional Asset during the following transactions when part is received before issue:

- Exchange PO Receipt
- Customer Exchange Order Receipt
- Loan Order Receipt
- PBH PO Receipt
- PBH Exchange PO Receipt

The Tracking ID asset will be created when the part is received first in the above transactions. For instance if a part serial is received first against an Supplier Exchange PO, a Tracking ID Asset is be created based on pre-defined numbering (Say Trackid-001). The Tracking ID Asset created can be viewed in **Maintain MAT Mapping** Screen (Exhibit 4). When the above part (P1/S1) is issued for another exchange transaction (say CO Exchange) and undergoes a Part # /Serial # change (P1/S2), the received part is mapped against the Tracking ID Asset (Trackid-0001) through Asset flips.

When an issue is created against the original Supplier Exchange Receipt transaction, if issued Part #/Serial # is mapped to Asset # (Asset # 1 -> P1/S3), a flip of the Part #/Serial # mapped with the Asset # is made with the latest

Part #/Serial # mapped to the Notional Asset (Asset #1 -> P1/S2) and the Tracking ID Asset is made Inactive and the life cycle of the Tracking ID asset ends.

If the issued Part #/Serial # happens to be the latest Part #/Serial # mapped to the Tracking ID Asset, then the Tracking ID Asset is made Inactive and the life cycle of the Tracking ID asset ends.

New Set option is added in the BPC – Finance Setup -> OU Parameter Setup -> Set Finance Process Parameters (Exhibit 1)

1.	Parameter Level	: Company Level
	Business process	: Fixed Asset Management
	Category	: Fixed Asset Management
	Description	: Auto generate temporary Tracking ID Assets for tracking the part serial/lot changes
	Permitted Value	: Enter '0' for No and '1' for Yes

- If this is parameter is set as
  - No : Tracking ID Asset will not be generated.
  - Yes : Tracking ID will be generated for specific transactions

#### Lot Asset Automation and MAT mapping Automation:

New Set option is added in the BPC – Finance Setup -> OU Parameter Setup -> Set Finance Process Parameters (Exhibit 1)

2.	Parameter Level	: Company Level
	Business process	: Fixed Asset Management
	Category	: Fixed Asset Management
	Description	: Enable MAT mapping for LOT controlled Parts
	Permitted Value	: Enter '0' for No and '1' for Yes

- If this is parameter is set as:
  - No : MAT Mapping cannot be done for LOT controlled Parts.
  - Yes : MAT Mapping can be done for LOT controlled Parts.

New Set options are added in the BPC – Finance Setup -> OU Parameter Setup -> Set Asset Automation Options. (Exhibit 2)

3. Parameter Level : Company Level

Business process: Fixed Assets ManagementCategory: Asset AutomationDescription: Basis of Generate of Asset ID for Auto generated assets for Lot Controlled PartsPermitted Value: Enter '0' for 'Document-Part Level' and '1' for 'Part-Lot Level

- If this is parameter is set as
  - o Document-Part Level : one Asset one Tag would be generated for all the quantities

received/invoiced in the document for each part.

- Part-Lot Level : one Asset one Tag would be generated for each of the quantity received/invoiced.
- 4. Parameter Level : Company Level

Business process	: Fixed Assets Management
Category	: Asset Automation
Description	: Allow Auto mapping of Asset Tag to Lots Controlled Part
Permitted Value	: Enter '0' for 'No' and '1' for 'Yes'

- If this is parameter is set as
  - No : MAT Mapping will not be automated during Asset Automation.
  - Yes : MAT Mapping will also be automated during Asset Automation.

Based on the above set options, the asset will be automatically generated for Lot Controlled parts and the MAT Mapping between the Part #, Mfr. Lot # and Source Document # and Asset # & Tag # for Lot Controlled parts will be processed.

#### MAT Mapping:

In this enhancement a new screen has been introduced for MAT mapping: **Maintain MAT Mapping** consolidating the existing screens available for MAT mapping in a single screen. In addition, the parts which are eligible for MAT mapping can be defined through the Part Attributes and only those parts can be made available for MAT mapping. To create a new mapping or view an existing mapping, select Mapped/ Unmapped/ All and enter a Part #/ Serial #/ Mfr. Lot #/ Asset # and click the 'Get' pushbutton to fetch the details.

Advanced Search gives more options to search from Mapped/ Unmapped/ All parts. Auto suggest helps in suggesting the possible Asset # / Tag # for mapping for the unmapped Part Serials (Exhibit 5).

The Asset History Icon in the multiline shows the details of the part serials which were flipped for the Asset Tag with its effectivity dates in a pop-up screen (Exhibit 6).

New Set options are added in the BPC – Finance Setup -> OU Parameter Setup -> Set Finance Process Parameters (Exhibit 3)

١.	Parameter	Level	: Company L	.evel
----	-----------	-------	-------------	-------

Business process	: Fixed Asset Management
Category	: Maintenance Asset Tracker
Description	: Applicable Part Classifications for MAT Mapping
Permitted Value	: Enter '0' for 'Rotable', '1' for Repairable, '2' for 'Controllable', '3' for None or
	combination of 0,1,2,3 separated by comma for selecting more than one value.

2.	Parameter Level	: Company Level
	Business process	: Fixed Asset Management
	Category	: Maintenance Asset Tracker
	Description	: Applicable Part Types for MAT Mapping.

Permitted Value : Enter '0' for 'Component', '1' for 'Consumable', '2' for 'Expandable', '3' for 'Kit', '4' for 'Miscellaneous', '5' for 'Raw Material', '6' for 'Tool' or combination of 0,1,2,3,4,5,6 separated by comma for selecting more than one value.

3.	Parameter Level	: Company Level
	Business process	: Fixed Asset Management
	Category	: Maintenance Asset Tracker
	Description	: Applicable Part Categories for MAT Mapping.
	Permitted Value	: Specify valid Part categories as defined in Inventory Setup> Part
	Administration>	<ul> <li>Quick Codes for the entity "Part Category" separated by comma.</li> </ul>
4.	Parameter Level	: Company Level
	Business process	: Fixed Asset Management
	Category	: Maintenance Asset Tracker
	Description	: Allow modification of 'Effective From' date for Asset #, Tag # mapping to aPart
		Serial/ Mfr. Lot.
	Permitted Value	: Enter '0' for 'No', '1' for 'Yes'.

The parts will be allowed for MAT Mapping, based on the above set options. The Effectivity of the Mapping "Effective From" can be provided based on the above option, provided there are no overlaps for the same Part Serial. However, if this option is set as 'No', the effective from cannot be modified by the user.

Exhibit 1: Set Option - Notional Asset & MAT Mapping in Set Finance Process Parameters screen.

<b>**</b> :	Finano	e Setup > OU Parameter Setup		ameters			
*	Set	Finance Process Parameter	'S		RAMCO OU-Ramco Ro	le → 24 🔒 🛱 ·	e ? 🗔 🗷
- s	earch Crit	eria					
		Parameter Level Company I	.evel 🔻	Business Process Fixed Asset Management	Category	Fixed Asset Management	•
- 5	earch Res	ults					
	• 1	- 3/3 🕨 🗰 🕇 🗇 🗞 🝸 🏹		人 匝 🗟 🛛 🗙 📽	⊠ ∓ + Ⅲ 14 % All	▼ Search	Q
#		Business Process	Category	Process Parameter	Permitted Value	Value	Status
1		Fixed Asset Management	Fixed Asset Management	Auto generate temporary Tracking ID Assets for tracking the part serial/lot changes	Enter '0' for No and '1' for Yes	1	Defined
2		Fixed Asset Management	Fixed Asset Management	Enable MAT mapping for LOT controlled Parts	Enter '0' for No and '1' for Yes	1	Defined
3		Fixed Asset Management	Fixed Asset Management	Launch Schedule of FA Report with All FB's ?	Enter '0' for 'No' and '1' for 'Yes'	1	Defined
4							
		1					
							F
				Set Parameters			

#### Exhibit 2: Set Option - Asset Automation in Set Asset Automation Options screen

☆ >	Finano	e Setup > OU Parame	ter Setup > Set Asset /	Automation Options		•				
* E	Se	t Asset Automation	Options					RAMCO OU-Ramco Role	- x e d	🔶 ? 🗔 🗖
Search	Criteria									
		Parameter Level	Company Level	•	Business Process	Fixed Asset Management	•	Category Asset A	utomation	-
		Sub Category	-	-						
					Se	arch				
Search	Results									
•	1	- 12/14 🕨 🕨 🛨 🗀	) » <b>T</b> 7			▶ 늘 달 호 ∞	× C X # # III # %	All	▼ Search	Q
#		Business Process	Category	Process Parameter			Permitted Value		Values	Status
1		Fixed Asset Management	Asset Automation	Allow Auto Capitalizatio	n of Capital Purchase Orders - Gene	al/Express	Enter '0' for 'No' and '1' for 'Fresh'	and '2' for 'Authorized'	2	Defined
2		Fixed Asset Management	Asset Automation	Allow Auto Amendment	of Variance in Supplier Order Based	Invoice	Enter '0' for 'No' and '1' for 'Fresh'	and '2' for 'Authorized'	1	Defined
3		Fixed Asset Management	Asset Automation	Allow Auto mapping of	Asset Tag to Part Serials		Enter '0' for 'No' and '1' for 'Yes'		0	Defined
4		Fixed Asset Management	Asset Automation	Allow Auto default of As	set Description		Enter '0' for 'Part' or '1' for Part De	scription	0	Defined
5		Fixed Asset Management	Asset Automation	Auto default Serial # fo	r Tag Description		Enter '0' for 'Yes'		0	Defined
6		Fixed Asset Management	Asset Automation	Allow Auto capitalization	n of Capital Purchase Orders - Gener	al/Express on:	Enter '0' for 'GR Acceptance' and '1	' for 'GR Movement'	0	Defined
7		Fixed Asset Management	Asset Automation	Default 'GR Acceptance	Date' as 'In-Service Date' for docum	ent type 'Goods Inwards'	Enter '0' for 'Yes'		0	Defined
8		Fixed Asset Management	Asset Automation	Allow Default 'In-Servic	e Date' for document type 'Supplier	Order Invoice' and 'Item Invoice'	Enter '0' for 'Invoice Date' '1' for 'S	upplier Invoice Date'	0	Defined
9		Fixed Asset Management	Asset Automation	Basis of Generate of As	set ID for Auto generated assets for	Lot Controlled Parts	Enter '0' for 'Document-Part Level'	and '1' for 'Part-Lot Level	1	Defined
10		Fixed Asset Management	Asset Automation	Default 'Capitalization D	ate' for Document Type - Goods Inv	vard with:	Enter '0' for 'Goods Acceptance Da	te'	0	Defined
11		Fixed Asset Management	Asset Automation	Default 'Capitalization D	ate' for Document Type - Supplier O	rder and Item Invoice with:	Enter '0' for 'Invoice Date'		0	Defined
12		Fixed Asset Management	Asset Automation	Allow Auto mapping of	Asset Tag to Lots Controlled Part		Enter '0' for 'No' and '1' for 'Yes'		1	Defined
		A								+
					:	Set				

Exhibit 3: Set Option – Maintenance Asset Tracker in Set Finance Process Parameters screen



Exhibit 4: MAT Mapping in Maintain MAT Mapping screen

Jnmapped t & Asset Deta	0,	Mapped												
Jnmapped t & Asset Deta	0,	Mapped												
	tails		•••	All	0.	Search Criteria 0000:43	173A		Click on fetch c	Get to letails		Get	A	dvanced Searc
4 44	- 82/82 🕨 🕨	+ 🗆 🛪 🏹			Enter Day	+ #/ Corial #/	시 🗉 🗟 🖻	🗴 🕻				-	Search	Q
	Part #	Part D	ion	Serial #/Mfr. Lot #	EnterPar		Asset # 🔎	Tag	Mapping Status	Effective From		Effective To	History	Initiating Do
f 🔳 🖞	• 0000:4373A	PRES	3"	MM12	Lot #	/ Asset #	SCM-GRNDE-360	17	Active	01-21-2020	÷			
5 🖻 9	• 0000:4373A	PRF	3"	MM11			SCM-GRNDE-360	18	Active	01-21-2020	Ē		10	
5 📖 (	• 0000:4373A		_				CM-GRNDE-360	19	Active	01-21-2020	Î		3	
7 🖻 9	• 0000:4373A	Select	Unma	pped/			SCM-GRNDE-360	20	Active	01-21-2020	Î		10	
3 🖻	• 0000:4373A	Ma	unnad/				TRACKID-00011	1	Active	01-23-2020			10	LR
	• 0000:4373A	IVId	ippeu/	All		Ľ	CKID-00012	1	Active	01-23-2020			19	LR
	• 0000:4373A	TRES & SUTS	<u>, , , , , , , , , , , , , , , , , , , </u>	P0/112		Tracking ID Asset	KID-00013	1	Active	01-23-2020	<b></b>		19	LR
1 🔳 '	• 0000:4373A	PRES 0-30PS	SI 3"	MM43		-	KID-00014	1	Active	01-23-2020	<b>.</b>		19	LR
2 🔳 (	• 0000:4373A	PRES 0-30PS	SI 3"	MM44			KID-00015	1	Active	01-23-2020			19	LR
3 🖻 🧌	• 0000:4373A	PRES 0-30PS	SI 3"	MM45			TRACKID-00016	1	Active	01-23-2020	<b>.</b>	1-22-2020	19	GR
ŧ 🗉 !	• 0000:4373A	PRES 0-30PS	SI 3"	MM46			TRACKID-00017	1	Active	01-23-2020			10	GR
5 🖻 🖞	• 0000:4373A	PRES 0-30PS	SI 3"	S15			TRACKID-00018	1	Active	01-25-2020	Î		10	LR
														1

# Exhibit 5: Maintain MAT Mapping – Advanced Search

A > Maintenance Setup > Maintenance Asset Tra	Advanced Search					
* E Maintain MAT Manning				RAMCO Ol I-ramco role	20 10 4	2 🗖 🗖
	Company/FB	CBA 💌	•	Tourico do Tanco Tole -		
	Part #/Component #					
Unmapped Og Mapped	Part Classification/Part Type	•	•	Get	Advand	ed Search
	Part Category/Display Option	<b>•</b>	•			
Part & Asset Details	Serial #/Mfr. Lot #					
	Warehouse #/Work Centre #	<b>•</b>	•			
	Asset Class/Group	<b>v</b>	•		earch	Q
# Part # Part Description	Proposal #			IS Effective From	Effective To	HISTORY
2	Ref. Doc. Type/Ref. Doc #	•				9
2	Cost Centre/Analysis #					
	Dep. Category	<b>.</b>				
	Search By	▼	•			
	· ·					
		Include Tracking ID Asset				
		Sea	rch			
	L			 ,		•
Mapped Parts     Unmapped Parts     Auto S	uggest Update Asset ID			FA Hub		-

#### Exhibit 6: Maintain MAT Mapping - History

8	Mai	int	icii no										<u>+</u> ? □
Unmapped					As	set # SCM-GRNDE-360			T	ag # 10			
					Asset	Desc. 0000:4373A			Tag	Desc. MM19			Advanced Se
			-	1 - 2/2	• 7 7			▶ 별 달 달 달	C X ∓ → III 14 %	All	▼ Search	Q	
k Assi	et De	tail	#	Part #/Component	Aircraft Reg #	Part Description	Serial/Mfr. Lot #	Src. Doc. Type/Doc. #	Initiating Doc. Type/Doc. #	Component #	Aircraft Model #	Effective From	-
•	36	- 4	1	0000:4373A		PRES 0-30PSI 3" GAUGE	MM19		1			01-21-2020	
			2	0000:4373A		PRES 0-30PSI 3" GAUGE	EPOFP5		ISU/EIS-000035-2020			02-03-2020	Initiating
		•											
		•											ISU
	E	•											ISU
	8	•											ISU
		•											ISU
	8	•											
	8	•											
	曰	•											ISU
	目	•											
	E	•											
	Ð	•											
		•											

# Ability to post depreciation cost with Analysis Code in Asset Record

Reference: APRP-118

## Background

During depreciation processing, option to post depreciation cost with Analysis Code from Analysis Rule Definition, Aircraft Analysis mapping and Default Analysis Code mapped to the Depreciation Account code are available. The requirement is to post depreciation cost with Analysis Code and Sub Analysis Code captured in the Asset Record.

## **Change Details**

This enhancement has introduced additional option in the existing set option to post depreciation cost with Analysis and Sub Analysis Code in Asset Record. Depreciation cost will be posted with Analysis Code and Sub Analysis Code from Asset Record, when the set option is selected as Analysis in Asset Record. However, the hierarchy of retrieval of Analysis Code remains and now the Analysis in asset record becomes the third hierarchy when the option is Analysis Rule Definition. (i.e. Analysis Rule Definition, then Aircraft-Analysis Mapping, then Analysis in Asset and finally the default analysis code.)

#### Set Option:

Set Finance Process Parame	ter (Common Master)
Parameter Level	Company Level
Business Process	Fixed Asset Management
Category	Asset Depreciation Processing
Process Parameter	Analysis Retrieval for Non Usage Depreciated Assets using MAT mapping based on
Permitted Values	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping, <b>'2' for</b>
	Analysis in Asset record and '3' for Default Analysis code

Set Finance Process Parame	ter (Common Master)
Parameter Level	Company Level
Business Process	Fixed Asset Management
Category	Asset Depreciation Processing
Process Parameter	Analysis retrieval for Usage Depreciated Assets using MAT mapping based on
Permitted Values	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping, <b>'2' for</b>
	Analysis in Asset record and '3' for Default Analysis code



#### Exhibit 1:

# Set Option:

↔	Finance	e Setup > OU Parameter Setup > Set Finance Process Parameters	•			
* 1	Set	Finance Process Parameters	RAMCO OU-ramco role 💌 📿	¢ ⊖ ⊄	€ ?	Co 💌
- Sea	irch Crite	Parameter Level Company Level	depreciation cost with Analysis Code from	eciation Proc	essing 🔻	
•	1	- 5/5 🕨 🕈 🗇 🛠 🍸 🏋	🖌 Asset Record 🛛 🗑 🗈 🗷 🛪 📽 🕄 🐺 🗰 🖬 🖬 🖓 🗛	<ul> <li>Search</li> </ul>		Q
#		Process Parameter	Permitted value	Value	Status	Err
1		Analysis Retrieval for Non Usage Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping, '2' for Analysis in Asset record and '3' for Default Analysis code	2	Defined	
2		Analysis retrieval for Usage Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-Analysis Mapping, '2' for Analysis in Asset record and '3' for Default Analysis code	2	Defined	
3		Basis for computation of useful life based Straight line Depreciation	Enter 0 for Months and 1 for Days	1	Defined	
4		Consider usage as on In Service Date for CME depreciation computation	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
5		Aircraft identification basis for Analysis retrieval (Non-Usage Depreciated Assets)	Enter '0' for 'Period End Date'	0	Defined	
6						
		•				+
			Set Parameters			

# Ability to compute Depreciation based on number of days

Reference: APRP-615

# Background

During depreciation processing, depreciation is calculated based on number of months for Useful Life Based Straight Line Depreciation. The requirement is to calculate depreciation based on number of days when depreciation rule with Useful Life Based Straight Line Depreciation is used.

# **Change Details**

 A new set option is added in Finance Setup -> OU Parameter Setup -> Set Finance Process Parameters. Parameter Level – Company Level Business Process – Fixed Asset Management Category – Asset Depreciation Processing Process Parameter - Basis for computation of useful life based Straight line Depreciation Permitted Value - Enter '0' for Months and 1 for 'Days'

If the Parameter is set as:

- Months Existing functionality of calculating Depreciation based on Months is to be continued.
- Days Depreciation based on number of of days of Remaining Useful Life will be calculated.
- The following formula is used for depreciation calculation when the above set option is set as Days.

Remaining Book Value / Remaining Useful Life \* No. of days in Fin Period

Remaining Book Value: Asset Cost - Accumulated Depreciation

Remaining Useful Life: Expiry date of the Asset - Last Date of the Previous Financial Period for which

depreciation is already computed

No. of Days in Fin Period when Process Up to Date is given: (Process up to date - Period Start Date) +1



Exhibit 1: Identifies the Set Option in Set Finance Process Parameters screen.

5ear	ch Crit	eria Parameter L	evel Company Level	Business Process Eved Accest Management	Cateo		epreciation Pro	cessing w
5ean	ch Res	ults	company Level	Oddiness Frocess     Fixed Pasce Humgement	* Corcy	ASSCE	epreciation re	cosing •
4	1	- 5/5 🕨 🇭 🛨	□ ≫ ▼ 7	入 血	5 🗹 🗵 🛪 💥 📮 🚧 💷 🎋 🔏 Ali		▼ Search	C
		Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
		Fixed Asset	Asset Depreciation Processing	Analysis Retrieval for Non Usage Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-	2	Defined	
		Fixed Asset	Asset Depreciation Processing	Analysis retrieval for Usage Depreciated Assets using MAT mapping based on	Enter '0' for Analysis Rule Definition, '1' for Aircraft-	2	Defined	
		Fixed Asset	Asset Depreciation Processing	Basis for computation of useful life based Straight line Depreciation	Enter 0 for Months and 1 for Days	1	Defined	
		Fixed Asset	Asset Depreciation Processing	Consider usage as on In Service Date for CME depreciation computation	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
	11	Fixed Asset	Asset Depreciation Processing	Aircraft identification basis for Analysis retrieval (Non-Usage Depreciated Assets)	Enter '0' for 'Period End Date'	0	Defined	
		4						

# Ability to enable flip and marking of retirement of Asset/Tag

Reference: APRP-116

#### Background

When the Part #/Serial # issued during various transactions are different from the Part #/Serial # received, the Asset # mapped to the issued Part #/Serial # should be flipped with the received Part #/Serial #. The requirement is, if the part is not to be received for reasons such as the part is scrapped or the part issued is converted to a sale transaction, the Asset # mapped to the issued Part #, should be marked for Retirement.

#### **Change Details**

This enhancement has enabled the marking of Retirement of Asset/Tag mapped, when the Part #/Serial # is either scrapped or converted to sale in the following transactions:

- Exchange PO Reconciliation
- Repair Order (BER Closure)
- Rental Order to Sale

In the **Retire Asset** screen, 'Retirement Type' will be defaulted with 'Scrap' in case of Repair Order and 'Sale' in case of Exchange PO Reconciliation/Rental Order. Also the Retirement Reference and Document # displays the Document Type and Document # of the document that initiated Asset Retirement.

#### Exhibit 1: Identifies the Retire Asset screen.

Retire Asset     RAMCO OU-ramco role - 그로 음 다 수 ?        Retirement No.     Retirement Date 01-28-2020
Retirement No. Retirement Date 01-28-2020
Finance Book     Currency     CAD     Number       Payment Category     Credit     Proposal #     O     Generate Authorize       Reference and Doc. #     displayed in Retire Asset.
A south of a set of the set of th
2 CM-GRNDE-360 0000:4373A 20 SCM-GRNDE 7610 1,000.00 Scrap v 01-21-2020 Repair Order REP-000269-2020 chen
3 📄 SCM-GRNDE-360 0000:4373A 7 SCM-GRNDE 7610 1,000.00 1,000.00 Scrap 🗸 01-21-2020 Repair Order REP-000271-2020 chen
4 💼 SCM-GRNDE-360 0000:4373A 9 SCM-GRNDE 7610 1,000.00 Scrap 🗸 01-21-2020 Repair Order REP-000270-2020 chen
5 🖶 SCM-GRNDE-360 0000:4373A 4 SCM-GRNDE 7610 1,000.00 1,000.00 Scrap 🗸 01-22-2020 Scrap Note MSCR-000035-2020 chen
Preview Depreciation Retire Asset

# Ability to include Analysis Code in Asset Initial Balance Transfer and Retirement Screens

Reference: APRP-604

## Background

Asset Capitalization has been enhanced to capture the Analysis Code and Sub Analysis Code of Fixed Assets. Further, visibility and ability to retrieve assets based on Analysis Code and Sub Analysis Code during the upload of Asset Initial Balance, Asset Transfer, Asset Retirement and other fixed asset transactions is required to enable the user to better utilize the Analysis and Sub Analysis Code associated with the asset record.

# **Change Details**

This enhancement is addition of Analysis Code and Sub Analysis Code in various select pages to search Asset Records based on Analysis # and Sub Analysis #. For example, Analysis # and Sub Analysis # is added to the Process Depreciation, thus if Analysis #/ Sub Analysis # is given, only thoseasset records with the given Analysis #/ Sub Analysis # will be selected for depreciation processing. (Exhibit 1)

Similarly, Analysis # and Sub Analysis # is added in the following screens in the **Fixed Assets Management** business process:

- Asset Depreciation Processing -> Process Depreciation -> View Depreciation.
- Asset Depreciation Processing -> Process Depreciation -> View Depreciation by Asset.
- Asset Depreciation Processing -> Reverse Depreciation.
- Asset Depreciation Processing -> Simulate Depreciation.
- Asset Depreciation Processing -> Create Depreciation Adjustment.
- Asset Depreciation Processing -> Reverse Depreciation Adjustment (Select document).
- Asset Depreciation Processing -> View Depreciation Adjustment. (Select document).
- Asset Disposal -> Retire Asset.
- Asset Disposal -> Reverse Retirement.
- Asset Inventory -> Create Inventory Sheet.
- Asset Inventory -> Edit Inventory Sheet (Select Inventory Sheet).
- Asset Inventory -> Edit Inventory Sheet -> Add Tags to Inventory Sheet.
- Asset Inventory -> Edit Inventory Sheet -> Edit Inventory Sheet.
- Asset Inventory -> View Inventory Sheet (Select Inventory Sheet).
- Asset Inventory -> Edit Inventory Cycle.
- Asset Migration -> Upload Initial Asset Inventory
- Asset Migration -> View Initial Asset Inventory

This Enhancement has also introduced Analysis # and Sub Analysis # in **Record Asset Transfer**, **Confirm Transfer Receipt** and **Create Initial Asset Entry** screens. In these transactions, if CIM Interaction is enabled between Account Based Budget and Asset Planning, then Analysis # and Sub Analysis # are mandatory and is recorded against the transactions. (Exhibit 2)

# Exhibit 1: Identifies the Analysis # and Sub Analysis # in Process Depreciation screen.

<b>^ &gt;</b>	Fixed Assets Management	> Asset Depreciati	on Processing > Pro	cess Depreciation	<b>V</b>								
* 1	Process Depreciation	n					RAMCO OU-ramco rol	e 🔻 🗅	¢ €	), C	<b>+</b>	? [	0.] 
- Pro	cess Information												
	Process Run No.			Depreciation Book Co	e CORP	-	Status						
	Process Date		1 <sup>1</sup> ***	Finance Bo	k PFB1	-	Numbering Type	ADEP				•	
	Currency	CAD		Posting Cost Cent	er 🛛								
Fin	ancial Calendar Information —												
_	Financial Period Upto	JAN20 🔻		Start Da	e 01-01-2011		End Date	01-31-2	020				
	Process Upto Date		Ē										
- Ass	ets Selection												
	Selection Basis Asset Class	•	Asset Class	All	<ul> <li>Depreciation Category</li> </ul>		▼ Ass	et No.					Q
	Cost Center		Analysis #		Sub Analysis #				View S	Statistic	s		
- Vie	w Statistics												
	Asset Selection			Records Select	d		Tags Selected						
					Process								
Confirm	/Delete Process Run		Assi	an Asset			Set Suspension						
Confirm	Usage & View Depreciation												
View De	epreciation		View	Process Status			View Unprocessed Details						
Account	ing Information		View	Suspension			View Rules						
Function	n Defaults												

# Exhibit 2: Identifies the Analysis # and Sub Analysis # in Record Asset Transfer screen.

	Asset Transfer			
Record Asset Transfer		RAMCO OU-ramo	orole 🔻 🗘 🖨 🛱	€ ?
Transfer Information				
Transfer No.	Transfer Type	▼ Status	5	
Transfer Date 02-15-2020	From/To Finance Book PFB1	<ul> <li>Numbering Type</li> </ul>	TRF	Ŧ
earch Criteria				
Asset No. From	То	Asset Class # All	•	
Tag No. From	То	Asset Location Code	Q	
Asset Group Code	Asset Description	Tag Description		
Cost Center	Analysis #	Sub Analysis #	Search	
Asset No. Asset Description	Asset Group Code Tag N	o. Tag Description	Asset Class Code	
		2 ,	ACC897	~
<				
<ul> <li>ew Depreciation</li> </ul>				
4 riew Depreciation	Confirm Transfer			

# Ability to include Analysis Code in FA Reports

Reference: APRP-140

# Background

Asset Capitalization has been enhanced to capture the Analysis Code and Sub Analysis Code for the Asset Record. Requirement is to display the Analysis Code and Sub Analysis Code in the Fixed Asset Reports which would give the user essential information captured during capitalization process.

## **Change Details**

This enhancement has enriched the **Asset Proposal Report** and **Review Aircraft Value** to display the Analysis code and Sub Analysis Code of the Proposal #/Asset # respectively. Also, Analysis Code and Sub Analysis Code have been added to the filter criteria of Asset Proposal Report, to enable the user to view the report based on specific Analysis and Sub Analysis Code.

#### Exhibit 1: Search Criteria of Asset Proposal Report

👫 > Fixed Assets Management >	Reports - Fixed Asset Manager	ment > Asset Proposal Report	^		
\star 🔋 Asset Proposal Repor	t			RAMCO OU-ramco role	- × 🔒 🖬 🗲 ? 🗔 🗖
Company Code Asset Class Code Financial year # Date From Cost: Center from Analysis # from Sub Analysis # from	All V 01 JAN 2020 - 31 DEC 2020	Business Unit Proposal Type Financial Period From Date To to to to to	AVBU  Acquisition Acquisition Acquisition Acquisition D1 JAN 2020 - 31 JAN 2020 D D D D D D D D D D D D D D D D D D	Analysis C Analysis C the Filter	Lode and Sub Lode added to options
		Asset Pro	posal Report		



#### Exhibit 2: Asset Proposal Report

rai	n	Asset Acquisition Proposal Report for the period 01-Jan-2019 to 31-Deo-2019 Analysis Code and Sub Analysis Code displayed in the Report.											
Proposal Pr Date	roposal #	Latest Amnd #.	Proposal Description	Status	Cost Center	Anel/Sub Anel.	Proposal Amount	Amendment +/(-)	Ravised Proposal Amount	Committed Amount	Liebility Amount	Utilized Amount	Balance Amount
019-10-29 APN-0	000052-2019	0	Haeco	Fresh	1100	1110/A100	0.00	100,000.00	100,000.00	0.00	0.00	0.00	100,000.00
019-10-30 APN-0	000053-2019	0	Computers	Fresh	1100	103/103	0.00	40,000.00	40,000.00	0.00	0.00	0.00	40,000.00
019-10-30 APN-0	000054-2019	0	Computers - 1	Active	1100	103/103	25,000.00	0.00	25,000.00	0.00	0.00	16,450.00	8,550.00
019-10-30 APN-0	000055-2019	0	TestProposal	Fresh	1100	1110/A100	0.00	110,000.00	110,000.00	0.00	0.00	0.00	110,000.00
019-10-30 APN-0	000056-2019	0	TestProposal	Fresh	1100	1110/A100	0.00	50,000.00	50,000.00	0.00	0.00	0.00	50,000.00
019-10-31 APN-0	000057-2019	0	DemoTest	Fresh	1100	1110/A100	0.00	75,000.00	75,000.00	0.00	0.00	0.00	75,000.00
019-10-31 APN-0	000058-2019	0	TestDemo	Active	1100	1110/A100	100,000.0	0.00	100,000.00	0.00	0.00	75,000.00	25,000.00
019-11-06 APN-0	000059-2019	0	Mach	Active	1100	1110/A100	100,000.0	0.00	100,000.00	0.00	0.00	0.00	100,000.00
019-11-06 APN-0	000060-2019	5	Plant	Active	1100	103/103	200,000.0	9,000,000.00	9,200,000.00	0.00	0.00	0.00	9,200,000.00
019-11-06 APN-0	000061-2019	0	boardref	Active	1100	1110/A100	200,000.0	0.00	200,000.00	156,000.00	-131,700.00	60,000.00	115,700.00
019-11-06 APN-0	000062-2019	0	boardref2	Active	1100	1110/A100	200,000.0	0.00	200,000.00	108,000.00	22,000.00	0.00	70,000.00
019-11-06 APN-I	000063-2019	2	boardref1	Active	1100	102/102	100,000.0	900,000.00	1,000,000.00	648,000.00	72,000.00	228,000.00	52,000.00

#### Exhibit 3: Review Aircraft Value - Onscreen view Report

🖈 🗉 Review Aircraft Value							
Aircraft Reg. # FA101 Ø	Date 2020-01-28	Airframe (	Set	ADU	Anal Anal in th	ysis Code and ysis Code dis e Report	d Sub played
FA101 Model # A310 Active MSN # SR101FA	Can\$ 118471.12	Can\$ 0.00	Can\$ 29716.00	Canto 0.00	Can\$ 0.00	Can\$ 887	55.12
	Aircrat	ft Value			S	how Exception Yes	•
	•• • 13 -	23/23 🕨 🗰 🍸	7 人 血 医	3 R C C X I H	• 010 11 % All	Search	9
	# Exp.	Part #	Part Description	Serial #	Cost Center	Analysis #	Sub Analysis #
	13	0-0440-4-0015:36361	PS9323 CARRIER	UNO-22	1100		
	14	01-1311-10:99999	MODEL FMS7000-10 ADAPTER	UNO-36			
	15	0-0440-4-0021:36361	BAR 1/2 SIZE TROLLEY	SL-000509-2020			
	16	0-0440-4-0019:36361	SMALL OVEN RACK	UNO-38			
	17	0-0440-4-	PS9323 CARRIER	UNO-39			
	18	0-0440-4-0015:36361	PS9323 CARRIER	UNO-40	1100		
	19	01-1311-10:99999	MODEL FMS7000-10 ADAPTER	UNO-31			
	20	0-0440-4-0015:36361	PS9323 CARRIER	UNO-32	1100		
	21	0-0440-4-0021:36361	BAR 1/2 SIZE TROLLEY	SL-000508-2020			
	22	0-0440-4-	PS9323 CARRIER	UNO-34			
	23	0-0440-4-0019:36361	SMALL OVEN RACK	UNO-35	7610		

# Exhibit 4: Review Aircraft Value – Offline Report

			Company Name :	RAMCO SYSTE	MS LIMITED	)1	B	ase Curren	cy : CAD							
					Detailed	Report	:									
raft Re	Aircraft Model #	Aircraft Group	Part #	Serial #	Asset #	Tag #	Asset Cost	CME Cost	Total Asset Cost	Asset Book Value	Total Book Value	Analysis #	Analysis # Des	cription	Sub Analysis #	SubAnalysis # Descr
101	A310	AHK-PL-A306-01	014963:P3625	MSNSI-L1-001	ROTABLES-	1	2,16,000.00	-	2,16,000.00	2,16,000.00	2,16,000.00	0000	Anaisysis		8888	Sub analsysis
101	A310	AHK-PL-A306-01	69-23832-29:81205	MSNSI-L1-009	ROTABLES-	1	16,000.00	-	16,000.00	16,000.00	16,000.00	BBB	Analsysis	1	BBB	Sub analsysis
102	A320-211	CJ78	014963:P3625	MSNSI-L1-001	ROTABLES-	1	1,35,000.00	-	1,35,000.00	1,35,000.00	1,35,000.00	BBBB	Anale	/	BBBB	Sub analsysis
102	A320-211	CJ78	69-23832-29:81205	MSNSI-L1-009	ROTABLES-	1	10,000.00	-	10,000.00	10,000.00	10,000,00	BBB			888	Sub analsysis
1132	B767-200	121	014963:P3625	MSNSI-L1-001	ROTABLES-	1	1,62,000.00	-	1,62,000.00	1,62,000.00		<b>C</b> 1			BBBB	Sub analsysis
1132	B767-200	121	69-23832-29:81205	MSNSI-L1-009	ROTABLES-	1	12,000.00	-	12,000.00	12,000.00	Analysis	Code	and Sub		BBB	Sub analsysis
1133	B767-200	GRP-01	014963:P3625	MSNSI-L1-001	ROTABLES-	1	27,000.00	-	27,000.00	27,000.00	Applycic	Codo	dicplayed		8888	Sub analsysis
1133	B767-200	GRP-01	69-23832-29:81205	MSNSI-L1-009	ROTABLES-	1	2,000.00		2,000.00	2,000.00	Analysis	Coue	uispiayeu		888	Sub analsysis
DR24	YR78		014963:P3625	MSNSI-L1-001	ROTABLES-	1	27,000.00	-	27,000.00	27,000.00	in the R	eport			BBBB	Sub analsysis
DR24	YR78		69-23832-29:81205	MSNSI-L1-009	ROTABLES-	1	2,000.00	-	2,000.00	2,000.00		cport			BBB	Sub analsysis
WE77	GG8712	WE77	014963:P3625	MSNSI-L1-001	ROTABLES-	1	27,000.00	-	27,000.00	27,000.00	27,000.00	0000	Anaisysis		8888	Sub analsysis
WE77	GG8712	WE77	69-23832-29:81205	MSNSI-L1-009	ROTABLES-	1	2,000.00	-	2,000.00	2,000.00	2,000.00	BBB	Analsysis		888	Sub analsysis

# Reports on Asset Scrappage

Reference: APRP-143

## Background

Currently when a part is scrapped through a scrap note (for e.g.) the asset tag mapped to the part is marked for retirement and based on the replenishment action, PR/PO will be generated and a new part will be procured. While there will be ability to view the list of the scrap notes generated for a particular period under 'View Scrap Note' screen. However there is no visibility of scrap note along with the replenishment asset details.

Hence the requirement is to have a report with the details of the assets which are scrapped through scrap note or other means along with the details of the linked asset which is procured through replenishment.

## **Change Details**

A new activity, **Report on Asset Scrappage**, has been added under **Reports – Fixed assets management** under **Fixed Assets Management** Business Process.

#### Asset Scrappage Report:-

Scrappage report can be launched with certain Search Criteria, below are the fields which helps to enter and search for a particular combination if need.

- Company: Assets belonging to the specific Organization unit.
- Finance Book: Assets belonging to the specific Finance book.
- Asset Class: Displays all Asset Class which are defined in asset master.
- Date Based: Option to retrieve the report based on Scrap note date or In-service date.
- Cost Center from/to: For the assets belonging to the specific Cost center.
- Part #:- Facilitates to search the scrap notes raised for a Particular part.
- Analysis # From/To: For the assets belonging to the specific Analysis code.
- Trading Partner #: Facilitates to search the scrap notes raised for a particular Trading Partner.
- Scrap Note From/To: Option to search for the Scrap note entered.

Scrappage report will be launched with the details of the Scrapped Assets #, Part #, Serial #, Cost center, Analysis #, Scrap note #, Repl. PR, Repl. PO, Repl. GI, Repl. Part #, Repl. Assets, In-Service date, Book Value etc., based on the search criteria selected.



#### Exhibit 1:

New Activity: Report on Asset Scrappage:

ed Assets Hanagement > Reports - Fix Report on Asset Scrappage	ed Asset Management > Report	r on Asset Scrappage	RANCO OU-ramos role 👻 🏒	854363
Company		FB	Asset Class	
Date Based	¥	From	To	8
Cost Center from	Q	Cast Carl	Pat #	Ø
Analysis # from	Q		Trading Partner #	Q
Scrap Note # from		scrap Net Scrappage report		

#### Exhibit 2:

Report on Asset Scrappage - Search Criteria

Fixed Assets Management >	Reports - Fixed Assets Manage	ement 🔰 Report on Asset Scrappage			
Report on Asset Scrap	page			Values entered to get	<b>□</b> ← ? [5 <b>■</b>
Company		FB	v	Scrappage report	¥
Date Based	Ψ	From	自		<u>n</u>
Cost Center from 👂	1100	Cost Center to 👂	1100	Pat# D	
Analysis # from 👂		Analysis # to 👂		Trading Partner # P	
Scrap Note # from	MSCR-000105-2020	Scrap Note # to	MSCR-000106-2020		
		Asset Scrappage Rep	ort		

Note: Once the necessary search criteria's are given, then click on Asset Scrappage Report button to get the details.

#### Exhibit 3:

Asset Scrappage Report :

•		Sci	rappa	ige Asse	t #										Scrap	Note a	#	
Asset :	Scrappage Asset <b>1</b>	Asset Desc.	Tug B	Tag Desc.	States	Marked For Retirment	Put 8	Part Description	Serial 8	Mfr.Seriul B	Mfr Lot 8	Cest Cester 8	Cost Center Desc.	Scrup Note 8	Ser Oute	Currency	Scrap Yaloc	Last Removed Aircraft Reg. 2
	1 SCRAPPAGE RPT	Scrippage rpt	1	TestSonpoote	RT	Ĭď	00053- 007:52500	WASTETANK	\$-14			1100	100 - EMC GENERAL MANAGER	M0CR-000106-2020	15-2020 12:00:00 AM	CAD	0.0	
	2 TESTSCRAP	Տուրքսցս դե	1	Test	RT	Ϋ́α	000:33333	ELECTRICAL TEST HARNESS	<b>6</b> 000			<b>*</b> 1100	1100 - EMC GENERAL MANAGER	M0CR-000105-2020	1-8-2020 12:00:00 AM	CAD	50000	

#### Contd.

I					Repl. deta	ails				In-S Boo	In-Service date & Book Value			
Repl. PR	Repl. PO	Repl. PO Status	Good Inward	Repl. Part #	Repl. Serial #	Repl. Mfr. Serial #	Repl. Mfr.	Repl.	Repl. Assets	Repl. Asset	Repl. Tag #	Repl. Tag Desc.	In Service Date	Book Value
APR-000764- 2020	PO-001565- 2020	CI	GIGPO- 000883012020	00059- 037:32500	012345	012345		1	SCRAPLAST	UTTest	1	Test12345	1-9-2020 12:00:00 A	M 10000
APR-000763- 2020	PO-001564- 2020	CI	GIGPO- 000882012020	000:99999	00099-1	00099-1		1	UTFINAL	Scrappage rpt	1	Scrappage rpt	1-10-2020 12:00:00 A	M 1000
# WHAT'S NEW IN MANAGEMENT ACCOUNTING?

# Ability to enable capture of Budget and Forecast for all accounts including Balance Sheet accounts

Reference: APRP-1

# Background

This enhancement is to provide provision to capture budget details for all Account Codes including Balance Sheet Accounts. Also, to provide the ability to upload budget with financial periods as columns instead of rows in the cost budget.

## **Change Details**

• A new set option has been added in the **Set Finance Process Parameters** activity under the **OU Parameter Setup** business component as given below:

Parameter Level - Organization Unit Level Business Process - Management Accounting Category - Cost Budget

- 1. Process Parameter Allow Balance Sheet Account Codes for Cost Budget Permitted Values - Enter '0' for 'No' and '1' for 'Yes'
- 2. Process Parameter: Default Display Period in with Permitted Values: - Enter '0' for 'Row' and '1' for 'Column'
- The Edit Budget Details screen under the Cost Budget business component has been renamed as Maintain Budget Details and has been made accessible from the following screens:
  - Create Budget Header
  - Edit Budget Header
  - Authorize Budget Header
  - Amend Budget Header
- A new combo 'Display Period in' has been added in the header section in the **Maintain Budget Details** link page with the options 'Column' and 'Row'.

Canada

Note that budget values are allowed to be entered for Balance Sheet Account Codes.

#### **Display Period combo loading logic**

The system lists the following:

- Both the 'Column' and 'Row' values only if the 'Budget Type' is Value. Only 'Row' if the 'Budget Type' is Quantity
- Both 'Column' and 'Row', only if the Effective Date and Expiry Date To falls within the same year and also

the given Mac Calendar year has maximum of twelve periods.

• Loads 'Column' and 'Row' and defaults with Column/Row based on the set options as defined in the Set Finance Process Parameters activity of the OU Parameter business component.

#### Exhibit 1:

Set Finance Process Parameters activity under the OU Parameter Setup business component:

☆ > Finance Setup > OU Parameter Setup	tup 🔰 Set Finance Process Parameters	·••												
\star 📗 Set Finance Process Paran	neters			27.		← ? ि								
Search Criteria     Parameter Level Organization Unit Level      Granization Unit Level      Category     Category     Category														
# Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Messag								
1 🗈 Management Accounting	Cost Budget	Allow Balance Sheet Account Codes for Cost Budget	Enter '0' for 'No' and '1' for 'Yes'	1	Defined									
2 🖾 Management Accounting	Cost Budget	Automatically roll up Cost Budgets from Definition Type -	Enter '0' for 'No' and '1' for 'Yes'	0	Defined									
3 🔲 Management Accounting	Cost Budget	1	Defined											
•	Nepro	wly added cess parameters				,								
		Set Parameters												

#### Exhibit 2:

Cost Budget Header in the Cost Budget business component

Planagement Accounting / Cost budget / Create budget neader		
* 🗎 Create Budget Header		≍ 륨 ☆ ← ?
Budget No. Description Budget Org Unit ALL Effective Date Budget Category ABCD	Version No. 1 Aggre Definition Type Cost Center Responsibility Expiry Date 31-12-2019 V Budget	gate / Period Period V Budget Type Value V Org Unit V Definition At Company Level V
Cost Center / Unit Cost Center Structure ID	Cost Center From 👂	Тор
Cost Element Cost Element Structure Id Cost	Cost Element From P Create	۹ ₀۳

#### Exhibit 3:

### Edit Budget Header in the Cost Budget business component

Management Accounting > Cost Budget >	Edit Budget Header		
Edit Budget Header     Budget Details		44 4 1 2 3 → → 1 /3 Z <sup>+</sup> =	₽ ← ?
Budget No. 0001	1 Version No.	1 Status Fresh	
Description 0001	1 Aggregate / Period	Aggregate Definition Type Cost Center	
Budget Type Value	Budget Org Unit	Responsibility	
Org Unit	▼ Effective Date	01-01-2014   Expiry Date 31-12-2014	v
Budget Definition At Com	mpany Level   Budget Category	ABCD 💌	
Cost Center / Unit	Cost Center From <b>P</b>	то р	
- Cost Element			
CE Structure ID 👂	Cost Element From 👂	То	
Accounting Period From 01-0	01-2014 🔻 To	31-12-2014 💌	
Percentage Increase or Decrease	Budget Type	Value 🔻	
From Period 01-0	01-2014 🔻 To Period	31-12-2014 🔻	
Details Get	t		
Maintain Bi	'Edit Budget Details' link has been renamed as 'Maintain Budget Details'		

#### Exhibit 4:

### Period displayed as Columns in the Maintain Budget Details

🏫 > Man	agement Accounting 🔰 C	Cost Budget 🔰 M	aintain Budget Details											
* 🗈	Maintain Budget Deta	nils									⊐/\$		+	? 🗔
	Budget No. Description Budget Type Responsibility Budget Definition at Comments	Budbstest7 Budbstest7 Value Company Level		Ve Aggregata Budget Effec Display	rsion No. 1 : / Period Aggregate Org Unit tive Date Jan-01-201 Period in Column	19	ʻNew Co Display I	ntrol – <sup>2</sup> eriod in		Status Fresh Definition Type Cost Org Unit Expiry Date Dec- Default Status	n Center 31-2019 Nev	w adde		
Budge	et Details										<sup>'</sup> De	fault St	atus'	
44 4	1 -1/1 > >> + -		<b>Τ Τ</b> <sub>x</sub>						14 26	All	tield	d		Q
#	Period 7	Period 8	Period 9	Period 10	Period 11	Period 1	2	Approved by		Remarks			User De	efined -
1 🗆 2 🖻														
	6		Accounting Period Displayed in Columns							New added Approved By' column				

# Ability to generate report to provide profitability statement with cost center structure as columns

Reference: APRP-87

## Background

The Cost Center Profitability Reports are generated for various combinations of Cost Elements / Cost Centers / Column Structures for a given Financial Period with additional parameters. Ability to generate the Cost and Profitability Report at Cost Center Structure Level for the Period, Quarter, Half Year, YTD and rolling by 12 month period is provided in this enhancement.

### Change Details

#### Cost Setup

#### Manage Cost Column Structure

New Pre-Defined "Column Structure ID" are added in the "Cost Column Structure Info" section of the **Manage Cost Column Structure** screen. The Column Structure IDs are:

- STD-CCST-P Column Structure is based only on the selected financial period.
- STD-CCST-Y Column Structure is based on the first Financial Period of the selected Financial Year up to the selected Financial Period.
- STD-CCST-Q Column Structure is based on the Quarter to which the selected Financial Period belongs and displays the data from the first Financial Period of the Quarter up to the selected Financial Period.
- STD-CCST-H Column Structure is based on the Half Year to which the selected Financial Period belongs and displays the data from the first Financial Period of the Half Year up to the selected Financial Period.
- STD-CCST-R Column Structure is based on the past 12 Financial Period including the selected Financial Period.

#### **Reports-Management Accounting**

#### Cost and Profitability Report

The **Cost and Profitability Report** is enhanced to retrieve Cost and Profitability at Cost Center Structure Level. The report is displayed based on Cost Center Structure hierarchy for the Period, Quarter, Half Year, YTD, rolling by 12 month period. Cost Center Structure only up to Group Cost centers are displayed in the Report.

- Note: Detailed Cost Centers should be placed at same level to generate the report output using Cost Center Structure.
- Note: When any of the 5 Column Structure IDs are selected, 'Group CC', 'Cost Center', 'Budget #' and 'Version #' fields should not be entered.

# Exhibit 1: Identifies the Cost and Profitability Report

	Co	mpany : ABC			Base Currency : CAD						
		COST AND PI	ROFITABILITY	REPORT From	n Apr19 to Ju	n19					
				PF	В						
			СМС		EMC						
S.No	Particulars	AF	OH	CMC-Total	SC	TRAINING	EMC-Total				
1	Total Expenses										
2	Direct Expenses										
3	Wages	3,900.00		3,900.00							
4	Materials	6,417.00	4,939.00	11,356.00	12,218.00	6,837.00	19,055.00				
5	Expenses	4,100.00		4,100.00	1,000.00	11,000.00	10,000.00				
6	Direct Total	14,417.00	4,939.00	19,356.00	13,218.00	17,837.00	29,055.00				
7	Indirect Expenses										
8	Ind Wages	158.00	7,234.00	7,392.00	3,604.00	4,062.00	458.00				
9	Ind Material	3,100.00		3,100.00	10,000.00		10,000.00				
10	Indirect Total	3,258.00	7,234.00	10,492.00	13,604.00	4,062.00	10,458.00				
11	Selling Expenses										
12	Selling Overhead	22,959.25	3,300.00	19,659.25							
13	Selling Total	22,959.25	3,300.00	19,659.25							
14	Cost of Goods Sold	40,634.25	15,473.00	49,507.25	26,822.00	21,899.00	39,513.00				

# Ability to generate cost profitability report with dynamic columns

Reference: APRP-97

## Background

Management Reports are used to analyze the budget, actuals of income and expenses of a company. The requirement of each customer to view the report varies. The same customer also has requirement to view reports at different dimensions. The Account Code, Cost Center, Analysis Code is used at different dimensions to analyze the Income and Expenses of the company. Reports generated using the advanced column structure is used as a more powerful data analysis tool and in this enhancement Cost and Profitability Report for Multiple Periods can be viewed in the same report.

## **Change Details**

#### OU Parameter Setup

A new set option 'Allow Cost and Profitability Report across Financial Years' is added under the Category 'Cost and Profitability Report', 'Business Process 'Management Accounting' and Parameter Level 'Organization Unit Level' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

- '0' (No) Cost and Profitability Report cannot be generated across financial years.
- '1' (Yes) Cost and Profitability Report can be generated across financial years based on the 'Financial Period From' and 'Financial Period To' fields specified in the **Generate Reports** screen.

#### **Reports - Management Accounting**

Four new fields are added in the multiline of the Generate Reports screen of the Cost and Profitability Report activity.

- Budget # (Adj. Actuals) Displays the Actual balances for the Period till the (Financial Period to minus 1) and Budget data for the Budget # in the "Cost and Profitability Report".
- Version # Indicates the version number of the Budget # (Adj. Actuals).
- Budget Display Budget Display which could be 'All Periods' or Reporting Periods'.
  - o All Periods Budget data will be displayed for All the Periods in the Financial Year.
  - Reporting Periods Budget data will be displayed only for the selected period (even if Financial Year is 'Blank', system displays Budget data only for the selected Reporting Periods from and to).
- Report Grouping If Report Grouping is selected as 'Cost Center', then the system displays 'Cost and Profitability Reports' with Detail CC/Group CC/All CC in separate page, based on the 'CC Report Option' field selected.
  - Note: To select Report Grouping as 'Cost Center', Cost center should not be used as a dimension in the Column Structure.
- CC Report Option If CC Report Option is selected as Detail CC the report will be generated only for detail CC. If it is selected as Group CC – the report will be generated only for Group CC. If it is selected as CC Structure – the report will be generated for all Detail and Group CC in the given CC Structure.

#### 79 | Enhancement Notification

Note: If Cost Center is used as dimension in Column Structure and CC Report option is selected as Group CC or CC Structure, the report will be displayed in a layered format. (Exhibit 2)

🏠 > Management Accou Inting > Reports - Management Accounting > Generate Reports ≭ 🖶 🗗 🗲 ? 🗔 🗖 Generate Reports 0 Run # 👂 RUN-000079-2014 Report Type Individual - Exce 🔻 Offline Report Save
 On-Screen Launch Company RAMCO OU File Name Status Initiated ρ Budget # 👂 Version # # 🖻 Cost Center 👂 Budget Display Report Grouping Budget # (Adj. Actuals) Version # Incl. Allocation 1 🗉 2 🖻 All Periods Cost Cent No v All Periods No New fields added 4 Get Save Confirm & Initiate + Record Statistics -

Exhibit 1: Identifies the Generate Reports screen of the Cost and Profitability Report activity

Exhibit 2: Identifies the Cost and Profitability Report with Layered output for CC Structure.

			Company : AVEOS Base Currency : CAD										
			COST	AND PROF	ITABILITY	REPORT	From APF	19 to JUL	.19				
				Actua	ls					Budg	et		
			1210		1220				1210			1220	
S.No	Particulars	102	103	104	102	103	104	102	103	104	102	103	104
1	Revenue												
2	Standing Charge	-	-	-	-	-	-	-	-	-	-	-	-
3	Contract Revenue	-	-	-	-	-	-	-	-	-	-	-	-
4	Total Sales	-	-	-	-	-	-	-	-	-	-	-	-
5	Direct Materials												
6	Heavy Mtce - Provisions	-	-	-	-	-	-	-	-	-	-	-	-
7	Heavy Maintenance - Amortisatio	-	-	-	-	-	-	-	-	-	-	-	-
8	Direct Freight	-	-	-	-	-	-	-	-	-	-	-	-
9	Unallocated Direct Materials	-	-	-	-	-	-	-	-	-	-	-	-
10	Total Direct Materials			-	-	-	-	-		-	-		-
11	Direct Labour												
12	Personnel - Pilots	-	-	-	-	-	-	-	-	-	-	-	-
13	Personnel - FA's & Observers	-	-	-	-	-	-	-	-	-	-	-	-
14	Unallocated Direct Labour	-	-	-	-	-	-	-	-	-	-	-	-
15	Total Direct Labour	-	-	-	-	-	-	-	-	-	-	-	-
16	Other Overheads												
17	Depreciation - Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
18	Depreciation - Other	-	-	-	-	-	-	-	-	-	-	-	-
19	Amortisation	-	-	-	-	-	-	-	-	-	-	-	-
20	Total Other Overheads			-	-	-	-	-		-	-	-	-

# Ability to retrieve the cost centre based on aircraft model for Usage/Fixed Price/External Services Revenue

Reference: APRP-112

# Background

Currently the Sale - Cost Center definition is the same for both aircraft jobs and part Jobs, and definitions based on certain parameters like Billing Element, Aircraft Model etc. are not available.

The requirement is to have definitions separately for Part and Aircraft jobs, because the attributes for cost center definition and derivation may vary depending on the job type.

For Example: In case of Aircraft jobs, the aircraft model will be the model of the 'A/C Reg#.', however in case of part jobs, the aircraft model should be the model of 'Rmv. From A/C Reg#.'

Now with this enhancement user will be able to define the Cost Center Rule Definition for 'Sale' for each event separately for 'Aircraft' and 'Parts' with different parameters.

## **Change Details**

- New events have been introduced for 'Cost Center definition' under the Management Accounting business process > Cost Center Rule Definition and Create Sale Definition activity. New events introduced: (Exhibit -1)
  - <u>Service sale Fixed Monthly Charges Part</u>: To define the Cost Center applicable for the 'Fixed Monthly Charges' revenue against contract with applicability: 'Parts'
  - <u>Service Sale Usage based Part</u> : To define the Cost Center applicable for the 'Usage Based' revenue against contract with applicability: 'Parts'
  - <u>Service Sale Maint. Based Part</u> : To define the Cost Center applicable for the 'Maintenance Revenue' (both Internal and External Repairs) against the contract with applicability : 'Parts'

Some of the existing events are renamed:

- <u>Service sale Fixed Monthly Charges Aircraft</u>: To define the Cost Center applicable for the 'Fixed Monthly Charges' revenue against contract with applicability : 'Aircraft'
- <u>Service Sale Usage based Aircraft</u> : To define the Cost Center applicable for the 'Usage Based' revenue against contract with applicability : 'Aircraft'

The existing event 'Service Sale - Maint. Based' will be used to define the Cost Center applicable for the 'Maintenance Revenue' against the contract with applicability: 'Aircraft'

#### 81 | Enhancement Notification

The following are different parameters based on which the definitions can be provided for each of the event.

	Parameters													
Event	Exec. Category	Ordering Location	Exec. Facility	Repair Order / Exec. Location	Work Center #	Sale Type	Billing Element	Aircraft Model	Part Attributes					
Service Sale - Usage based - Aircraft	No	No	No	No	No	Yes	Yes	Yes	No					
Service sale - Fixed Monthly Charges - Aircraft	No	No	No	No	No	Yes	Yes	Yes	No					
Service Sale - Usage based - Part	No	No	No	No	No	Yes	Yes	Yes	Yes					
Service sale - Fixed Monthly Charges - Part	No	No	No	No	No	Yes	Yes	Yes	Yes					
Service Sale - Maint. based	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No					
Service Sale - Maint. based - Part	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes					

Note: Part Attributes Indicate 'Part group', 'Part Group' and 'Component Type'

- Based on the CCRD definition available for the particular event, the Cost center for revenue posting will be retrieved for the parameters applicable.
  - In case of Usage Revenue/Fixed Monthly Charges Revenue, the parameters (billing element, A/C model) will be derived from customer service invoice.
  - In case of Maintenance Revenue, the parameters (Sale type and Aircraft model) will be derived from the customer order.
  - If the specific parameter based definition is not available, then the residual definition available will be considered.

ramco

#### Exhibit 1: Create Sales Definition screen.

> Manager	ment Accountin	ig ≻ Cost Center Ru	le Definition > Create	e Sales Definition				•						
🗏 Crea	ate Sales Defi	inition										RAMCO OU-ramco role	* × 0 0	<b>€</b> ? [∂
Part Sale	Custo	Company omer Group #	Y	]		Numbering	Event Type	Part Sales - ParkSig based Service Sale - Usage based - Aircraft Part Sales - Order based Service sale - Fixed Monthly Charges - Aircraft Part Sales - Packslip based	¥		Aco	ount Code	۶	
• Found n	no rows to display!!	• • • <b>• •</b> •	× 🕈 🖉 🍸 🍸					Service Sale - Maint.based	x 🖌	C X I -	H III 14	% Al	<ul> <li>Search</li> </ul>	0
8	viie Celegory		Singing codeon	v	v	Pair type	,	Sarvice sale - Fixed Monthly Charges - Part Service Sale - Usage based - Part Service Sale - Maint.based - Part	¢.		~			
	•													
								Create						
Sales definition	ion													

# WHAT'S NEW IN BOOK KEEPING?

# Ability to account Usage Revenue based on Service Sale ARD defined at Billing Element Level

Reference: APRP-109, 761

# Background

Currently the Usage Based Revenue from the Customer Service Invoice will be posted to single revenue account irrespective of any additional parameters.

This enhancement enables the user to define the Service Sale Account Rule Definition with the combination of the parameters: Customer Account Group, Sale Type and Billing Element.

Hence when a Customer Service Invoice is generated for Usage Based Billing, the revenue would be posted to different Revenue accounts depending on the billing element against which the revenue is being billed.

This provides the user the Usage Revenue breakup at each billing element level for detailed revenue analysis.

# **Change Details**

This enhancement allows definition Service Sale ARD at Billing Element level. A new parameter:' Billing Element' has been introduced.

#### Exhibit 1:

### Set Service Sales Parameters:

A new parameter 'Billing Element' has been introduced under **Book Keeping** business process > **Account Rule Definition** and **Create Service Sale Account Definition** activity.

H > Book Keeping > Account Rule Definition > Set Service Sales Parameter	•
* 🗉 Set Service Sales Parameter	RAMCO OU-ramco role 🔻 🕮 🖨 🗲 ? 🗔 🗷
Service Sales Parameters Customer Account Group Yes Work Center No	Maintenance Base No 💌 Order Currency Yes 💌
Sale Type Ko Execution Catagory Ko	Order Category Yes V Billing Element Yeel
Create Service Sale Account Definition	A new parameter 'Billing Element' is introduced

A new control 'Billing Element' has been introduced for the **Entity Accounted**: Usage Revenue under **Book Keeping** business process > **Account Rule Definition** and **Create Service Sale Account Definition** activity.

#### Exhibit 2:

Create Service Sale Account Definition:

<mark>(</mark> )	Book M	(eeping > Account Rule	Defini	tion > Create Service Sal	e Account Definition		v							
* E	l Cr	eate Service Sale Acc	ount	Definition							RAMCO OU-r	arrico role	• #804	? 💽 🗷
				Finance Book	PFB1 *					Entity Acco	urted Usage Revenue	¥		
Aco	ount De	efinition Details Service Sale	Account	t [	Q	COSR	Account		Q		Effective from Data		1	
	T	-2/2 * * + = (	30	T 7					14		C X # # III N × AI		♥ Search	Q
4	8	Customer Account Group	ρ	Billing Element	Sale Type		Order Currency		Service Sale Account	Q	COSR Account	Q	Effective from Date	
1	8	TRADE		Equipment Insurance	v	v		v	411100				01-01-2020	
2	13	TRADE		Training	v	v		v	411200				01-01-2020	
3	8					v		v						
					Rilling Element level									
					(Comvies Colo Association									
		4			Service Sale Account									,
					Definition		Create							
ien Se	NCE 29	e account Definition												

*Note: Billing Element level definition can be provided only when the parameter above is set as 'Yes'* 

#### Exhibit 3:

View Service Sale Account Definition:

<ul> <li>Book Keeping &gt; Accor</li> </ul>	nt Rule Definition > View S	ervice sale account Delinition	_		_			
View Service Sal	e account Definition					KANCO OU-ISP	2006-7876	Y LO
Search Criteria	V				<u>(</u>			
Fr	ance Book PFB1 💌		Account Code	Q	Customer Account Group TRADE			
Orde	r Currency 💌		Maintenance Base		Work Center	*		
	Sale Type 💌		Order Category	*	Execution Category			
1	Set History		Entity Accounted Us	e Revenue 🖤	Billing Element	w	Get Details	
<pre># 4 1 - 2/2 * # # Customer Account Group</pre>	T 7 Biling Element	Service Sale Account	Entity Accounted	Description		X I + III N X Al Maintenance Base	Search     Order Currency	Q
<ul> <li>Customer Account Group</li> <li>Tautor</li> </ul>	sing senerc	Service Sale Account	Enoty Accounted	Description	A	Alaintenance base	Urber currency	10
TRADE	TPN	411300	Usage Revenue	Material Reviewe USD		NA.	N/A	-14
TIMUS	104	1100	vaaye nevelive	mana na		190	-1646	-14
4								,

Note: When a customer service invoice is generated for Usage Revenue with multiple billing elements or multiple invoice releases with different billing elements, then the accounting information will be displayed at the billing element level with the respective revenue account code if the ARD for 'Usage Revenue' is defined at billing element level with multiple account codes. Now the Usage Revenue account code can be defined based on Customer Account Group, Billing Element & Sale Type.

# Ability to define GL Allocation at line level

Reference: APRP-85

## Background

Companies have the practice of allocating common expenses incurred at a particular indirect Cost Center to be multiple direct Cost Centers. Likewise, common expenses incurred at any level viz. Account Code, Analysis Code, Sub Analysis Code, Expense Classification in a Finance Book is to be allocated across multiple Finance Books. This is required for better profitability analysis.

Currently, application facilitates General Ledger allocation at a consolidated level through **Maintain Allocation and Distribution Rules** activity. Since there are 'n' of rules which have to be reviewed and maintained every month, a provision is required to facilitate allocation at line level. In this enhancement, General Ledger Allocation is enabled at line level.

## **Change Details**

#### Journal Voucher

#### Maintain Allocation & Distribution Rules

The following new fields are added in the "Source" multiline of the **Maintain Allocation & Distribution Rules** screen to define allocation at line level:

- Company Indicates the login Organization unit of the company.(This is moved from Rule Info section to Source section ML)
- Rule Line # The number identifying the line of the source Rule ID.
- Rule Seq # Indicates the sequence of the source Rule Line #.
- FB Indicates the posting finance book in 'active' status.

The following new fields are added in the "Destination" multiline:

- Rule Line # The number identifying the line of the destination Rule ID.
- Rule Seq # Indicates the sequence of the destination Rule Line #.
  - Note: The 'Rule Seq #' gets auto populated for a given Rule Line #. For Ex: For a given Rule line #: 1 with 2 lines, the Rule seq # gets updated as '1' and '2' respectively.
  - Existing validations for Account Code existence, Account Code Cost Center, Account Code – Analysis Code, Analysis- Sub Analysis mapping will continue.

#### Exhibit 1: Identifies the Maintain Allocation & Distribution Rules screen

<u></u>	🏠 > Book Keeping > Journal Voucher > Maintain Allocation & Distribution Rules																	
	Mai	ntain Al	location a	& Distribution Rule	25										2/\$ !		?	0 K
Rule	Info	mation —		-	0.0													
ĺ.			Rule ID	P 123	Сор	у	Rul	e Desc.	-	al		det/						i
			Sta	atus Active			Effecti	ive Date		Effective To								
	Sourc	·e	Allocation T	ype GL Allocation	×	Alle	ocation C	Category GLR1			•			Numbering Type R	UL 🔻			
		-									Add Local D					1	_	0
••	•	1 - 3/.	3 1 11	+ - D % T T,							∃ X <sub>2</sub>		14 24	All	•			2
#		ompany		Rule Line #	Rule Seg #	FB	Account	t Code D	Cost	Center P	Analys	s Code	Sut	b Analysis Code	q	Exp. Cls.	q	
1		PFB1	*	1		PFB1 V	TAXON	CASHDIVIDEND	1220		CT5		A10	00		SINGAPORE		
2		PFB1	*	2		PFB1 V	$\checkmark$	Now field	de ar	ded								
3		PFB1 PFB1	*			PFB1 V		New new		lucu								
-	-	11.01	•			PFB1 V												
		•																,
Dest	inatio	Basis of All	location Per	rcentage	Allocat	tion Element		Ŧ										
4	4	1 . 1/	1		<b>T T</b>				L		비행		<b>+1</b> 37	All	-			0
	18	Company	• • •	Pula Line #	Pula Sag #	Einance Book		Account Code	0	Cost Center	0	Analysis Code	0	Sub Applyric Code		O Evo	Cle	~
1	F	PEB1	y	Kule Line #	1	DEB1		101	P	1210	P	CT5	P	A100		μ L.γ.	CIS.	
2	E	PFB1			1		•	101		1210		cib		A100				
-						Now fi	olde	added										
		4					icius i	added										
		1																,
	_							Save										
+	Reco	d Statistic	cs															-

#### Review/Process Allocation Packages

The new field 'Rule Seq #' is added in the "Detail" multiline of the Review/Process Allocation Packages screen.

On click of 'Post JV' pushbutton, "Inter FB Journal Voucher" will get generated if Source and Destination FB are different and "Regular Journal Voucher" will get generated if both are same, specifically to each Rule # and Source FB combination.

#### Note: As per existing functionality, the Source and Destination Allocation can be reviewed and also modified before JV generation.

Exhibit 2: Identifies the Review/Process Allocation Packages screen

Review/Process Allocation Packages Ilocation Run Info. Company/FB / All Package # PKG-00022-2019 rocess Run Rule # All Rule # All Rule # I - 7/7 P + - 7 + 7 T, Rule # Company Finance Book Rule #		Fin. Year FY19 Run # RUN-000022-2019 New field added	eff eff 1 2 3 4 5	▶     ▶     4     /5     ⊅4     r       Fin. Period     JUN19       Status     Processed
location Run Info.           Company/FB / All Package # PKG-000022-2019           occess Run Rule # All           Rule Line #           Detail           (4 4 1 - 7 / 7 >>> + - □ % T T; # Company           Finance Book		Fin. Year FY19 Run # RUN-000022-2019 New field added		Fin. Period JUN19 Status Processed
Company/FB         / All           Package #         PKG-000022-2019           rocess Run         Rule #           Rule #         All           Detail         ▼           #         1 - 7/7           #         Company           Finance Book         Rule #	•	Fin. Year FY19 Run # RUN-000022-2019 New field added		Fin. Period JUN19 Status Processed
Package ≠ PKG-000022-2019 mocess Run Rule ≠ All  Rule ± All  All  T  Detail  All  Finance Book Rule ≠	T	Run # RUN-000022-2019 New field added		Status Processed
ocess Run Rule ≠ All ▼ Rule Line # Detail 44 4 1 - 7 / 7 ▶ ≫ + - □ 4 T T, = □ Company Finance Book Rule ≠	T	New field added		
•••     ••   <				
# Company Finance Book Rule #				ير 🔻 IIA
	Rule Line #	Rule Seg # Account Code	Cost Center Analysis	s Code Sub Analysis Code
1 D PFB1 PFB1 RUL-000023-201	9 1	1 999999	1240 1110	A100
2 🖻 PFB1 PFB1 RUL-000023-201	9 2	1 110096	1200 1110	A100
3 🖻 PFB1 PFB1 RUL-000023-201	9 3	1 552100	9999 102	102
4 🖻 PFB1 PFB1 RUL-000023-201	9 1	1 411100	1100 AAAA	AAAA
5 E PFB1 PFB1 RUL-000023-201	9 1	2 656100	1200 1110	A100
6 PFB1 PFB1 RUL-000023-201	9 2	1 411300	1200 CCCC	CCCC
7 🖻 PFB1 PFB1 RUL-000023-201	9 3	1 411300	1200 CCCC	CCCC
8 🗉				
7 B PFB1 PFB1 RUL-000023-201 8 C 4	9 3	1 411300	1200 CCCC	ccc

# Ability to generate numbering information based on transaction date for Finance Transactions

Reference: APRP-105

# Background

Numbering for all finance transactions is generated based on the Numbering Type i.e., Pattern that is active for the respective transaction (Prefix) as on the date of creation of the transaction (Suffix). Even in case of back dated transactions, system generates the numbering based on the date of creation and not the transaction date. Due to this, any year-end adjustment transactions created in the subsequent month gets created with a different year on the Suffix. Provision is required to number the finance transactions based on the transaction date instead of creation date, so that all the transactions pertaining to a year will have the same suffix.

## **Change Details**

Set option has been introduced at business process level to decide the basis for generating document number i.e., Creation date or Transaction Date. If Transaction Date option is set, the numbering for all Finance Transactions will be generated based on transaction date which means back dated transactions and future dated transactions (wherever allowed) will follow the suffix of the respective transaction year/period.

#### **OU Parameter Setup**

#### Set Finance Process Parameters

The following process parameter is added under the parameter level 'Organization Unit Level', for Business Processes **Payables Management**, **Receivables Management**, **Fixed Assets Management** and **Book Keeping** and the category 'Document Numbering' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

Process Parameter	Permitted Value
Generate document number for Payables Management	Enter '0' for Creation date and '1' for
transactions based on	Transaction date
Generate document number for Receivables Management	Enter '0' for Creation date and '1' for
transactions based on	Transaction date
Generate document number for Fixed Assets Management	Enter '0' for Creation date and '1' for
transactions based on	Transaction date
Generate document number for Book Keeping transactions	Enter '0' for Creation date and '1' for
based on	Transaction date

If the option is set as 1, then the transaction date will be considered for generation of document number for each of the transactions in that Business Process. If the option is set as 0, then the existing functionality of document numbering based on creation date will be applicable.

#### Example:

If the Numbering Pattern for the Numbering Type **JV** (Regular Journal Voucher) is as below:

Prefix	Suffix	Effective From	Effective To
JV-	-2019	01-01-2019	31-12-2019
JV-	-2020	01-01-2020	31-12-2020
JV-	-2021	01-01-2021	31-12-2021

The Document Numbering based on transaction date would be as follows:

Transaction Date i.e., JV Date	Document Number Generated
29-12-2019	JV-000098-2019
02-01-2020	JV-000005-2020
05-01-2021	JV-000001-2021

- When the option is set as "Transaction Date", the Numbering Pattern for that Numbering Type, which is in active status as on the date of transaction will be considered for the document number generation.
- This option is particularly helpful for year-end adjustment entries that are created with back date and when the Financial Year is Jan-Dec and the Numbering Pattern is defined with the respective year as Suffix, i.e., 2018, 2019, 2020 etc.,
- Only limitation is that once document number is generated, if the transaction date is modified/edited from the edit screen, the document number does not get modified according to the new transaction date.

Exhibit 1: Identifies the Set Finance Process Parameters screen

	> Finance	Setup > OU Paran	neter Setup > Set Finance Pi	rocess Parameters												
*	Set	Finance Process	Parameters		Numbering"											
- 9	earch Crite	eria														
	Parameter Level Organization Unit Level 💌 Business Process Payable Management 👻 Category Document Numbering 💌															
*	1	- 1/1 • • • +	Category	Process Parameter		All	▼ Status	Search Frror Message	Q							
1	E	Payable Management	Document Numbering	Generate document number for Payables Management transactions based on	Enter '0' for Creation date and '1' for Transaction date	1	Defined									
2																
				Set option t	for each											
				Business Pr	ocess											
		4							F							

# Ability to record Labour Accounting before task closure

Reference: APRP-773

# Background

Labor Cost is computed and accounted against Packages (AMEs) / Work Order (SWOs) based on the Job rate (or) Skill rate defined in the master. In Addition, the Overhead recovery (Labor burden) is applied as a percentage on the labor costs. Currently Labour Cost in AME / SWO is accounted only on task Closure.

Provision is required to account Employee / Labour Cost in the books of accounts on authorization of time booking instead of task closure and enhance task closure to eliminate already considered timesheet records.

# **Change Details**

• A new set option is introduced in **Set Finance Process Parameters** under Business Process: Inventory Setup and Category: Account Group to Process Labour Accounting before task closure.

#### Exhibit 1:

Set Finance Process Parameters activity in the OU Parameter Setup business component

🟫 🕻 Finance Setup 🏅 OU Parameter Set	up 🔰 Set Finance Process Parameters				
★ 📋 Set Finance Process Parame	ters		RamcoRole	e - RAMCOOU 👻 🚅	; ⊄ ← ? 🗔 🗖
Search Criteria     Parameter Level Organ     Search Results	nization Unit Level 💌	Business Process Inventory setup	T	Category Account Grou	p v
(( ( 1 -1/1 ) )) + □	T Tx	<u>له ات</u> ات		All	٩
# 🗉 Business Process	Category	Process Parameter	Permitted Value	Value Sta	atus Error Message
1 Inventory setup	Account Group	Process Labour accounting before Task Closure	'0' for Yes and '1' for No	1 Def	fined
<		Set option for Lab accounting before	pour e task closure		>
		Set Parameters			

Notes:

- A background routine can be configured at the required frequency to account the labour cost and labour overhead for authorized labour hours.
- Labour Cost (including overhead costs) computed on authorized timesheet records against In-progress jobs / tasks will be considered for accounting.
- Time sheet records accounted earlier will be flagged and will not be considered for accounting during closure of tasks/Work Order/ Package.

#### 90 | Enhancement Notification

- On Task Closure, authorized time sheet records which are not already accounted will be identified and accounted.
- Time booking accounting will be recorded on timesheet date and not on authorization date. For Ex: If a timesheet is recorded on 10th Dec 2018 and authorized on 1st Jan 2019 accounting will be recorded as on 10th Dec 2018.
  - Note : Only when the set option 'Authorization of Timesheet Records' is set as 'Required' the account postings for SWO and AME will get triggered based on the back ground routine.

When the above set option is set as 'Not Required' then auto authorized timesheet records will not form part of the back ground routine and postings will get triggered on task closure.

# Ability to Manage Accounting for Part Sale Return

Reference: APRP-490

## Background

Currently, facility is not available to record the details of parts returned against a sale done through Part Sale Order. Part Sales Return can now be recorded through General Return transaction. The requirement is to enable accounting for Part Sale Return.

### **Change Details**

Part Sale Return can be recorded by specifying the Part Sale Order # with the details parts and its quantity, in the general return. On confirmation of Part Sales Return, the following Accounting entry will be posted for the reversal of cost of goods sold booked during issue of the Part for Part Sale.

Stock A/c Dr.

COGS A/c Cr. (which was posted during the Issue along with its CC and Analysis Codes)

Following set option has been added in the **Inventory Setup** -> Account Group -> Set Option, for managing the Material Burden to be applied for the Return.

Process Parameter	Material Overhead cost reversal for Part Sales Returns
Permitted Values	Enter '0' for Not Applicable '1' for Applicable

If the above set option is set as 'Not Applicable', overhead cost will not be reversed. If it is set as Applicable, overhead cost will also be reversed during confirmation of Material Return.

Canal

Note: The above option can be defined only if the existing option: "Overhead applicability for Material Cost" is set as "Applicable".

#### Exhibit 1: Identifies the Set Option screen

*	> In	vento	ory Setup > A	Account Group > Set Options			<u> </u>													
*		Set	t Options											R	RAMCO OU-ramco ro	e 🔻	x 🖨	ц,	<del>(</del>	? 🐻
						Report Consumption after Main Core return	Yes 💌	·												
- 1	inan	ce Pos	sting Options F	or Resource Type																
				Finance Postings Required For:	1	Skill 🗹 T		Equipment						<ul> <li>Others</li> </ul>						
- /	naly	sis Po	sting Options –					_												
						Analysis Accounting for Aircraft Based Expenses	Yes 💌	·												
- /	sset	Марр	oing Options —							_										
_				Enforce Object to Asset Mapping Fo	or:	Aircraft C	omponen			Fac	lity									
- /	ccou	Inting	Process Param	neters																
	•	32	- 34/34 🕨 🏓	+ 🗆 🛪 🌣 🎽 🏋 🏋				人上日		🛛 × 🕻	83	F -H	010 11	*	All		reversa	d i		Q
#			Process Param	eter		Permitted Values	1	/alue		Status		Erro	r Message	9						
32			Overhead appli	cability basis for Material Cost - Order Class		Enter '0' for Not Applicable '1' for Applicable			1	Defined										
33			Overhead appli	cability basis for Material Cost - Order Categ	ory	Enter '0' for Not Applicable '1' for Applicable			0	Defined										
34			Material Overhe	ad cost reversal for Part Sales Returns		Enter '0' for Not Applicable '1' for Applicable														
35																				
			4																	•
						Set 0	Ontions													
						Set C	options													

# Ability to display Budget in Balance Sheet Report and enhance to report information for all Finance book with budget and forecast comparison

Reference: APRP-100

# Background

In this enhancement, **Manage Consolidated financial statements** screen is enhanced to display Balance Sheet Report to report information for all Finance book with budget and forecast comparison. Budget and Actuals with Budget Details are displayed in the Balance Sheet.

## **Change Details**

#### Reports - Book Keeping

Two new fields 'BS - Budget # (Adj. Actuals)' and 'Version #' are added in the "Report Criteria" section of the **Manage Consolidated Financial Statements** screen to retrieve the budget and Actuals with Budget Details in Balance Sheet.

#### Balance Sheet (Finance Book Level) with Budget / Budget (Adj. Actuals):

- A new Report to display balance sheet for all the Finance Books has been added.
- Budget values for the selected financial year for the given BS Budget # Version # are displayed after Actual data.
- Actual Data for the selected Financial Year from the start of the Financial Year for all the financial periods till the previous month of Report Date and Budget Data is displayed for the given BS Budget # (Adj. Actuals) Version # from Report Date.
- Budget Data and Budget (Adj. Actuals) are displayed for all the periods in the Financial Year, irrespective of the date selected.
  - Note: Values are taken from the specific period for the Budget values in Balance Sheet and not cumulative values.

#### Consolidated Balance Sheet including eliminations with Budget / Budget (Adj. Actuals):

- A new Report to display Consolidated Balance Sheet has been added.
- Budget values for the selected financial year for the given BS Budget # Version # are displayed after Actual data.
- Actual Data for the selected Financial Year from the start of the Financial Year for all the financial periods till the previous month of Report Date and Budget Data is displayed for the given BS Budget # (Adj. Actuals) Version # from Report Date.
- Budget Data and Budget (Adj. Actuals) are displayed for all the periods in the Financial Year, irrespective of the date selected.

Channe

Note: Values are taken from the specific period for the Budget values in Balance Sheet and not cumulative values.

#### Exhibit 1: Identifies the Balance Sheet Report to display Budget Information

/		_				/		BALANCE S	HEET FOR ABC											4				
	4	Actuels							/ 84	det										dget with Actuals				
SJNO PARTICULARS	AS ON 30 Apr 2019	AS ON 31 May 2019	AS ON 30 Jun 2019	AS ON JAN19	AS ON FEB19	AS ON MAR19	AS ON APR19	AS ON MAY19	AS ON JUN19	AS ON JUL19	AS ON AUG19	AS ON SEP19	AS ON OCT19	AS ON NOV19	AS ON DEC19	AS ON Apr19	AS ON May19	AS ON JUN19	AS ON JUL19	AS ON AUG19	AS ON SEP19	AS ON OCT19	AS ON NOV19	AS ON DEC19
0 Aasets																								
1 Current Assets																								
2 Cash and cash equivalents	(38,476,136.59)	(38,469,556.59)	(38,469,556.59)	1,516,100.00	555,725.00	466,575.00	367,475.00	6,667,475.00	668,425.00	1,110,500.00	2,221,575.00	896,000.00	568,225.00	681,000.00	584,225.00	(38,476,336.59)	(38,469,556.59)	668,425.00	1,110,500.00	2,221,575.00	896,000.00	568,225.00	681,000.00	584,225.00
3 Receivables - net of allowance	13,868,776.58	13,868,776.58	13,843,256.58	455,055.00	100,230.00	139,860.00	110,580.00	2,000,580.00	200,190.00	332,700.00	665,910.00	269,250.00	171,090.00	204,750.00	175,830.00	13,868,776.58	13,868,776.58	200,190.00	332,700.00	665,910.00	269,250.00	171,090.00	204,750.00	175,830.00
4 Inventories	243,757,451.52	243,757,451.52	243,509,444.44	758,625.00	167,150.00	233,000.00	184,600.00	3,334,600.00	333,350.00	554,100.00	1,109,350.00	449,150.00	285,550.00	341,650.00	293,550.00	243,757,451.52	243,757,451.52	333,350.00	554,300.00	1,109,350.00	449,150.00	285,550.00	341,650.00	293,550.00
5 Total Current Assets	219,150,091.51	219.156.671.51	218.883,144.43	2,729,780.00	601,105.00	839,435.00	662,655.00	12,002,655.00	1.201.965.00	1,997,100.00	1,996,835.00	1,614,400.00	1.024,805.00	1,227,400.00	1,051,605.00	219.150.091.51	219.156.671.51	1,201,965.00	1,997,300.00	1,996,815.00	1,614,400.00	1.024,805.00	1,227,400.00	1.053,665.00
6 Other Assets																								
7 Aircraft and other equipment - net	15,699,435.36	15,699,435.36	14,545,723.36	1,062,495.00	234,220.00	325,990.00	259,070.00	4,669,070.00	466,060.00	774,900.00	1,552,040.00	629,650.00	400,820.00	479,150.00	412,020.00	15,699,415.36	15,699,435.36	466,050.00	774,900.00	1,552,040.00	629,650.00	400,820.00	479,150.00	412,020.00
8 Other Assets	13,429.20	15,429.20	13,429.20	455,505.00	100,455.00	139,635.00	111,255.00	2,001,255.00	199,515.00	331,800.00	664,785.00	270,150.00	172,155.00	205,650.00	176,955.00	15,429.20	13,429.20	199,515.00	531,800.00	664,785.00	270,150.00	172,155.00	205,650.00	176,955.00
9 Total Other Assets			14,559,152,56	1,518,000.00		465,625.00	370,325.00	6,670,125.00	665,575.00	1,106,700.00	2,216,825.00	899,800.00	572,975.00	684,800.00	\$88,975.00			665,575.00	1,106,700.00	2,216,825.00	899,800.00	572,975.00	684,800.00	588,975.00
10 Total Assets	234,862,956.07	234,869,535.07	233,442,296.99	4,247,780.00	935,783.00	1,305,060.00	1,032,980.00	18,672,980.00	1,867,540.00	3,104,000.00	6,213,660.00	2,514,200.00	1,597,780.00	1,912,200.00	1,642,580.00	234,862,956.07	234,869,536.07	1,867,540.00	3,104,000.00	6,213,660.00	2,514,200.00	1,597,780.00	1,912,200.00	1,642,580.00
11 Liabilities and Shareholders Equity																								
12 Current Liabilities																								
13 Accounts payable	165,831,440.81	165,857,445.31	166,102,035.69	2,125,880.00	469,385.00	651,035.00	\$20,975.00	9,340,975.00	929,285.00	1,546,020.00	3,099,355.00	1,263,080.00	805,355.00	962,080.00	\$28,765.00	165,831,440.81	165,857,445.31	929,285.00	1,546,020.00	3,099,355.00	1,263,080.00	806,365.00	962,080.00	828,765.00
14 Other Liabilities	10,477,992.42	10,477,992.42	10,477,992.42	304,000.00	67,135.00	92,925.00	74,665.00	1,334,665.00	132,515.00	220,540.00	442,365.00	180,760.00	115,595.00	137,760.00	118,795.00	10,477,992.42	10,477,992.42	132,515.00	220,540.00	442,365.00	180,760.00	115,595.00	137,760.00	118,795.00
15 Total Current Liabilities	176,309,433,23	176,335,437,73	176,580,028,11	2,430,880.00	\$36,520.00	743,960.00	\$95,640.00	10,675,640.00	1,051,800.00	1,766,560.00	3,541,720.00	1,443,840.00	921,968.00	1,093,840.00	\$47,560.00	175,509,411,23	176,335,437.73	1,061,800.00	1,766,560.00	3,541,720.00	1,443,840.00	921,960.00	1,099,843.00	947,540.00
16 Liabilities																								
17 Long term debt-less current portion																								
18 Long Term Liabilities Other	(3,200.00)	(3,200.00)	(3,200.00)	152,015.00	88,575.00	46,455.00	37,355.00	667,355.00	66,235.00	110,240.00	221,145.00	90,410.00	57,835.00	68,910.00	59,435.00	(3,200.00)	(3,200.00)	66,235.00	110,240.00	221,145.00	90,410.00	57,835.00	68,910.00	59,435.00
19 Total Liabilities	(3,200.00)	(3,200.00)	(3,200.00)	152,015.00	33,575.00	46,455.00	37,355.00	667,355.00	66,235.00	110,240.00	221,145.00	90,410.00	57,835.00	68,910.00	\$9,435.00	(5,200.00)	(3,200.00)	66,235.00	110,240.00	221,145.00	90,410.00	57,835.00	68,910.00	59,435.00
20 Shareholders Equity																								
21 Common Stock																								
22 Accumulated Earnings	38,829,615,77	38.824.003.77	38,717,937,98	151,665.00	33,400.00	46,630.00	36,830.00	666.830.00	66,760.00	110,940.00	222.020.00	89,710.00	56,960.00	68,210.00	58,560.00	38.829.615.77	38.824.003.77	66,760.00	110,940.00	222.020.00	89,710.00	56,960.00	68,210.00	58,560.00
23 Total Shareholders Equity	38,829,615,77	38,824,003,77	38,717,937,98	151,665,00	33,400,007	45,530,001	36,830,00	666.830.00	66,750,00	110,940,00	222.020.00	89,710.00	56,960,00	65,210.00	38,550,00	38,829,615,77	38.824.003.77	66,760,00	110,940,00	222.020.00	19,710.00	56,960.00	68,210,00	58,560,00
24 Tetal Unbilities and Charabolders En	215 325 249 00	215 155 241 50	115 201 265 00 1	2 224 560 00	603 495 00	922 645 00	669 915 M	12 000 925 00 1	1 194 285 00 1	1 997 740 00	3 984 995 00	1 632 960 00	1 036 355 00	1 226 660 00	1 465 555 44	015 125 649 00	HC 155 MI 50	1 184 295 00	1 997 345 00 1	3 994 995 00	1 632 960 00	1 026 255 00	1 236 963 00	1000 555 00

# Ability to extract Income Statement by Cost Center and to enable drilldown from Review Financial Statements

Reference: APRP-93

# Background

Currently, **Review Financial Statement** screen enables the user to review the financial statements such as Trial Balance, Balance Sheet and Income Statements. This enhancement enables to review the Income Statement by Cost Center under Income Statement-MAC an enables drilldown from Review Financial Statements.

## **Change Details**

#### Finance Book Processing

A new tab "Income Statement (MAC)" is enabled in the **Review Financial Statements** screen of the **Finance Book Processing** business component.

Based on the following filter criteria provided, the Income Statement (MAC) will be retrieved:

- 'Period Horizon' field lists all the active and open periods defined in the calendar in the 'to Period' field and the From Period field will be blank.
- 'CE Structure ID' field lists all the active Cost Element structures defined in the "Cost Setup" business component with element relationship level Cost Center.
- 'Schedules/Groups' field lists all the schedules/groups of the selected CE Structure ID.
- 'CC Structure ID' is an editable control in which an active Cost Center structure defined in the "Cost Setup" business component should be specified to retrieve income statement for the corresponding Cost Centers in the CC structure.

Based on the 'To Period' selected, the columns will be populated with all the Cost Centers (with "CC\_" as prefix to denote that it is a cost center) defined in the selected CC structure ID including group Cost Centers. Cost Elements will be displayed vertically. The values will be displayed for the selected to period (i.e. the value of a CC against a Cost element will be displayed for a single period). Drilldown to the transaction details through 'Account Inquiry' screen is enabled by way of click on the values under a detailed Cost Center and against a Cost Element row.

Note: Only when Cost Element is same as the Account Code, the 'Account Inquiry' drilldown will be enabled on click of the 'Cost Element' link.

- Anna

### Exhibit 1: Identifies the Review Financial Statements screen

🟫 🕻 Book Keep	Sook Keeping > Finance Book Processing > Review Financial Statements													
Review F	inancial Statem	ents								7\$	-	₽ ← ?	lo K	
Trial Balance	Balance Sheet	Income Statement	Income Statem	ent (MAC) Adhoc										
Company       PFB1       Finance Book       PFB1       Period Horizon       01Jan19-31Dec19       01Jan19       31Jan19         CE Structure ID       CEReg-01       Schedules/ Groups       Income statements       CC Structure ID       CC Structure ID       CCINCST-01         Additional Display Option       Show Details       Show Details       Show Details       Show Details														
0 🖸 🔞 📨 💼 EJS TreeGrid 13.1														
Description	CC_1430	CC_1440	CC_1500	CC_1510	CC_1100	CC_1200	CC_1210	CC_1220	CC_1230	CC_1240		CC_1300	) 🔺	
Wages	-2643.13	-2751.87	-3525.10	36694.10	-8621.05	-13854.38	-7329.00	3678.00	-1989.12	-2097.88		-3004.50		
730600	-1473.00	-1537.00	-1601.00	-1665.00	-46.60	-897.00	-961.00	-1025.00	-1089.00	-1153.00		-1217.00		
999999	-1170.13	-1214.87	-1924.10	38359.10	-8574.45	-12957.38	-6368.00	4703.00	-900.12	-944.88		-1787.50		
Materials	5103.76	3141.24	4370.13	3877.87	5314.81	-369.81	9974.45	-4369.45	8608.00	-2343.00		3380.12		
656100	2470.00	2580.00	2690.00	2143.00	1370.00	1480.00	1590.00	1700.00	1810.00	1920.00		2030.00		
710100	2633.76	561.24	1680.13	1734.87	3944.81	-1849.81	8384.45	-6069.45	6798.00	-4263.00		1350.12		
Expenses	3535.81	-2313.81	7865.45	-6643.45	1900.05	-578.05	1338.09	-116.09	2816.00	-1594.00		611.18		
636000	3535.81	-2313.81	7865.45	-6643.45	1900.05	-578.05	1338.09	-116.09	2816.00	-1594.00		611.18		
Direct Total	11992.88	-3848.88	17420.96	67857.04	-2812.38	-29604.48	7967.08	-1615.08	18869.76	-12069.76		1973.60		
Indirect Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		
Ind Wages	4404.00	4585.00	4766.00	4947.00	2560.00	2775.00	2956.00	3137.00	3318.00	3499.00		3680.00		
513100	1900.00	1978.00	2056.00	2134.00	1120.00	1198.00	1276.00	1354.00	1432.00	1510.00		1588.00	→ ×	

ramco

# ramco

# Corporate Office and R&D Center

Ramco Systems Limited, 64, Sardar Patel Road, Taramani, Chennai – 600 113, India Office + 91 44 2235 4510 / 6653 4000 Fax +91 44 2235 2884 Website - www.ramco.com