

# **RAMCO AVIATION SOLUTION**

## **ENHANCEMENT NOTIFICATION**

**Version 5.8.5**

**Finance**

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## WHAT'S NEW IN SUPPLIER EXPENSE INVOICE?

### Ability to compute Tax on Total Value in Supplier Expense Invoice with option to record Default Tax key at document level

Reference: AHBG-22660

#### Background

Total Value Tax is a tax that takes into accounts all the basic value taxes, charges and discounts added in the document. However, this tax used to get computed only when charges and discounts are added prior to total value tax. Provision is required to enable Total Value Tax computation irrespective of the sequence of the addition of charges / discounts added in the document and to apply total value tax through Default tax key based on set option.

#### Change Details

A new set option is introduced in set Finance Process Parameters 'Application of Default Tax Key in Supplier Direct Invoice' (Refer Exhibit 1).

- '0' – Indicates application of Tax in Supplier Direct Invoice using Default Tax Key at Document Level.
- '1' – Indicates application of Tax in Supplier Direct Invoice using Default Tax Key at Line Level.

#### Exhibit 1:

Default Tax Key application in **Supplier Direct Invoice**.

#	Business Process	Category	Process Parameter	Permitted Value	Value
1	Payable Management	Supplier Direct Invoice	Application of Default Tax key in Supplier Direct Invoice	Enter "0" for Document Level and "1" for Line Level	0
2	Payable Management	Supplier Direct Invoice	Rounding off : Range for the difference between Supplier Invoice Amount	Enter a positive numeric Value.(e.g. Provide 4 for a	
3	Payable Management	Supplier Direct Invoice	Rounding Off : Default Charge Code for Positive Difference (Supplier Invoice	Enter a valid TCD of type "Charge". Format:	
4	Payable Management	Supplier Direct Invoice	Rounding off : Default Discount Code for Negative difference (When Total	Discount". Format:	
5	Payable Management	Supplier Direct Invoice	Rounding off : Default cost center for Charge/Discount Code		
6	Payable Management	Supplier Direct Invoice	Allow modification of taxable amount in Supplier Item Invoice		1
7	Payable Management	Supplier Direct Invoice	Allow modification of taxable amount in Supplier Expense Invoice	Enter '0' for No and '1' for Yes	1
8					

**Supplier Direct Invoice**Computation of Total Value Tax

The computation of Total value tax in the **Create Expense Invoice, Edit Expense Invoice** and **Authorize Expense Invoice** activity will be based on this set option. For default tax key

If the 'Application of Default Tax Key in Supplier Direct Invoice' set option is set as '0',

- When a total value tax (added as default tax key) is added in a note, the taxable amount for such tax takes into consideration all the basic value taxes, charges and discounts added at document level.

If the 'Application of Default Tax Key in Supplier Direct Invoice' set option is set as '1',

- When a total value tax (added as default tax key) is added in a note, the taxable amount for such tax takes into consideration all the basic value taxes, charges and discounts added at the respective line irrespective of the sequence in which it is added.
- Default Tax Key added at doc level will consider all the basic value charges/ discounts added at line level. But if the Total Value tax exists at line level then doc level charges / discounts will not form part of line level total value tax.



*Note: Considers the TCDs (Flat TCDs) added at both document level and line level in document currency.*



*Note: The Taxable Amount displayed in the Invoice will be of Basic value, however the tax amount will be computed based on the Total value.*

## WHAT'S NEW IN SUPPLIER ORDER BASED INVOICE?

### Ability to compute Exchange Rate for Supplier Order Based Invoice based on Supplier Invoice date based on set option

Reference: AHBG-19104

#### Background

Currently the base currency value of the **Supplier Order Based Invoice** is computed based on the Currency Exchange Rate defined in the exchange rate master as on the *Invoice Date*. The requirement is to enable such computation with exchange rate prevailing as on Supplier Invoice Date also.

#### Change Details

**Set Finance Process Parameters** activity of the **OU Parameter Setup** business component

A new set option has been added at Organization Unit Level as below:

Business Process: Payables Management

Category: Supplier Order Based Invoice

Process Parameter	Permitted Value
Exchange Rate Reference Date for Supplier Order Based Invoice	Enter: <ul style="list-style-type: none"> <li>• '0' for 'Invoice Date'</li> <li>• '1' for 'Supplier Invoice Date'</li> </ul>

#### **Maintain Invoice activity in the Supplier Order Based Invoice business component**

The Exchange Rate for the Supplier Order Based Invoice is considered based on the Set Options as whether 'Supplier Invoice Date' or 'Invoice Date' as set in the **Set Finance Process Parameter** screen of the **OU Parameter Setup** business component



*Note: If option is not set, the application will consider the "Invoice Date" for Exchange Rate computation*



*Note: Also note that the Exchange Rate Variance is derived and posted based on the exchange rate derived using the above option.*

**Exhibit 1:**

**Set Finance Process Parameter** activity in the **OU Parameter Setup** business component under the **Finance Setup**

The screenshot displays the 'Set Finance Process Parameters' interface. The search criteria are set to 'Organization Unit Level' for the parameter level, 'Payable Management' for the business process, and 'Supplier Order Based Invoice' for the category. The search results table is as follows:

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
13	Payable Management	Supplier Order Based Invoice	Invoice Tolerance (value-Base Currency) for Auto Matching	Enter a positive numeric value	1000	Defined	
14	Payable Management	Supplier Order Based Invoice	Invoice Tolerance (value-Base Currency) for Forced	Enter a positive numeric value	1000	Defined	
15	Payable Management	Supplier Order Based Invoice	Allow Auto Match Failed Invoices during Period Closure	Enter '0' for 'No' and '1' for 'Yes'	0	Defined	
16	Payable Management	Supplier Order Based Invoice	Exchange Rate Reference Date for Supplier Order Based	Enter '0' for 'Invoice Date' and '1' for 'Supplier'	1	Defined	

A red box highlights the row for 'Exchange Rate Reference Date for Supplier Order Based' (row 16). A yellow callout bubble points to this row with the text 'New Set Option added'. A 'Set Parameters' button is visible at the bottom of the window.

# Ability to compute Tax on Total Value in Supplier Order Based Invoice with option to record Default Tax key at document level

Reference: AHBG-22243

## Background

Total Value Tax is a tax that takes into accounts all the basic value taxes, charges and discounts added in the document. However, this tax used to get computed only when charges and discounts are added prior to total value tax. Provision is required to enable Total Value Tax computation irrespective of the sequence of the addition of charges / discounts added in the document and to apply total value tax through Default tax key based on set option.

## Change Details

A new set option is introduced in set Finance Process Parameters 'Application of Default Tax Key in Supplier Order Invoice' (Refer Exhibit 1).

- '0' – Indicates application of Tax in Supplier Order Invoice using Default Tax Key at Document Level.
- '1' – Indicates application of Tax in Supplier Order Invoice using Default Tax Key at Line Level.

### Exhibit 1:

Default Tax Key application in **Supplier Order Based Invoice**

#	Business Process	Category	Process Parameter	Permitted Value	Value
1	Payable Management	Supplier Order Based Invoice	Rounding off : Range for the difference between Supplier Invoice Amount and Supplier Invoice Amount and	Enter a positive numeric Value.(e.g. Provide 4	
2	Payable Management	Supplier Order Based Invoice	Post Invoice Rate Variance to AMEs if part is not available for Stock Correction	Enter '0' for 'No' and '1' for 'Yes'	
3	Payable Management	Supplier Order Based Invoice	Post Invoice Rate Variance to Shop Work Orders if part is not available for Stock	Enter '0' for 'No' and '1' for 'Yes'	
4	Payable Management	Supplier Order Based Invoice	Allow Progressing LO fetching for Invoice	Enter '0' for 'No' and '1' for 'Yes'	1
4	Payable Management	Supplier Order Based Invoice	Application of Default Tax key in Supplier Order Invoice	Enter '0' for Document Level and '1' for Line	1
5	Payable Management	Supplier Order Based Invoice	Rounding off : Default Charge Code for Invoice	Enter a valid TCD code of type "Charge".	
6	Payable Management	Supplier Order Based Invoice	Rounding off : Default Discount Code for Invoice	Enter a valid TCD code of type "Discount".	
7	Payable Management	Supplier Order Based Invoice	Rounding off : Default cost center for Invoice	Enter a valid Cost Center.	
8	Payable Management	Supplier Order Based Invoice	Invoice Tolerance for Auto Matching based on Invoice	Enter '0' for 'None' and '1' for 'Rate' and '2' for	2
9	Payable Management	Supplier Order Based Invoice	Invoice Tolerance for rate	Enter '1' for 'Percentage'	
10	Payable Management	Supplier Order Based Invoice	Invoice Tolerance for rate	Enter '1' for 'Percentage'	

**Supplier Order Based Invoice**Computation of Total Value Tax

The computation of Total value tax in the **Maintain Invoice** and **Authorize Invoice** activity will be based on this set option. For default tax key

If the 'Application of Default Tax Key in Supplier Order Invoice' set option is set as '0',

- When a total value tax (added as default tax key) is added in an invoice, the taxable amount for such tax takes into consideration all the basic value taxes, charges and discounts added at document level.

If the 'Application of Default Tax Key in Supplier Order Invoice' set option is set as '1',

- When a total value tax (added as default tax key) is added in an invoice, the taxable amount for such tax takes into consideration all the basic value taxes, charges and discounts added at the respective line irrespective of the sequence in which it is added.
- Default Tax Key added at doc level will consider all the basic value charges/ discounts added at line level. But if the Total Value tax exists at line level then doc level charges / discounts will not form part of line level total value tax



*Note: Considers the TCDs (Flat TCDs) added at both document level and line level in document currency.*



*Note: The Taxable Amount displayed in the Invoice will be of Basic value, however the tax amount will be computed based on the Total value.*

## WHAT'S NEW IN ACCOUNTS PAYABLE HUB?

### Ability to enable processing Inter FB Invoicing for Expense Invoice in the Review Process Scanned Invoices and Notes

Reference: AHBG-22623

#### Background

Ability to enable processing Inter FB Invoicing for Expense Invoice in the Review Process Scanned Invoices and Notes

#### Change Details

Two new columns have been added in the multiline of the 'Document Line Information' tab in the **Review / Processed scanned Invoices & Notes** activity in **AP Invoice Hub** as given below:

- Destination Finance Book
- Destination Usage ID

- Note: Both Destination Finance Book and Destination Usage ID columns are applicable only Doc Type Expense Invoices.*
- For Inter FB transactions, Accounting Usage should be either 'INTERFB' or Blank*
- Ensure that ARD has been defined for the Destination Usage ID in the Destination Finance Book.*

#### Exhibit 1:

Document Line Information tab in the **Review / Processed scanned Invoices & Notes** activity in **AP Invoice Hub**

The screenshot displays the 'Review / Process Scanned Invoices & Notes' screen. At the top, there are filter buttons for 'Errors' (35), 'Exceptions' (95), and 'To be Processed' (94). Below this is the 'Document Information' section with fields for Tracking ID, Company/FB, Currency, Supplier, and Payment details. The 'Document Line Information' tab is selected, showing a table with the following columns: #, Remarks, Ref. Doc. Type, Doc. #, Transaction Amt., Account #, Dr/Cr, Destination Finance Book, and Destination Usage ID. A yellow callout box highlights the last two columns with the text: 'Newly added "Destination Finance Book" and "Destination Usage ID"'. The table contains one row with a transaction amount of 1500.00 and account details.

## Ability to enable processing of TCD in the Review Process Scanned Invoices and Notes

Reference: AHBG-18815

### Background

The requirement is to give visibility in the **Accounts Payable Hub** to the user regarding the data of particular TCDs used in invoices. Also, there is a need to enable the user to modify or incorporate taxes.

### Change Details

The **Review / Process Scanned Invoices & Notes** screen has been revamped.

Two new sections **Supplier Information** and **Payment Information** has been added above the tabs.

Links at the bottom of the screen has been removed

A horizontal tile is refreshed with the following information:

- Basic Value
- Tax
- WHT
- Charge
- Discount
- Total Doc. Amount
- Total Proposed Amount (In case of Order Based Invoice)



*Note: The WHT and Discounts tiles in the horizontal tile is shown in negative (in brackets)*

### Document Line Information Tab

- The 'Tax Key' field in the 'Document Information' section in the main page has been renamed as Default Tax Key and moved to the 'Document Line Information' tab. This field which was a help enabled field has been changed to a drop-down list box that will list all the Tax Keys that are applicable for Purchase Transactions.
- A new popup has been included in the 'GI Allocation' column in which you can view the Tracking ID/Status.

**T/C/D Information Tab**

A new 'TCD' tab has been included in order to capture all the TCD information and show description of the TCD, also to show changes in Accounting Information

- If the option setting for 'Allow Modification of Taxable Amount' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component is set as 'Yes', then the user can modify the values in the Taxable Amount, Rate and Tax Amount. However, the amount provided or modified must be lesser than or equal to actual taxable amount.

**Exhibit 1:**

**Review / Process scanned Invoices and Notes screen in the Accounts Payable Hub**

**Filter**

Errors: 23    Exceptions: 40    To be Processed: 33

**Tracking ID Summary**

#	Tracking ID	Status	User	Date	Doc.Type	Image File #	Error
1	4	Exceptions		14-09-2017	Expense Invoice	test.xls	1
2	5	Exceptions		14-09-2017	Expense Invoice	test.xls	1
3	007	Exceptions		14-09-2017	Expense Invoice	test.xls	2
4	11	Exceptions		14-09-2017	Expense Invoice	test.xls	1
5	12	Exceptions		14-09-2017	Expense Invoice	test.xls	1

**Document Information**

Tracking ID/Status: 007 / Exceptions    Doc. #/Status: /    A    Doc. File: AP HUB  
 Company/FB: AVEOS / AVEOS    Doc. Type/Category: Expense Invoice    Doc. Date: 14-09-2017  
 Currency/Exch. Rate: CAD    Numbering Type: EXP    Comments:

**Supplier Information**

Supplier: 00060    Pay To Supplier #: 0007B    Pay Term:  
 Supplier Doc. #/Amt: Cohbam 001 / 1,697.66    Supplier Doc. Date: 31-01-2017    Anchor Date:

**Payment Information**

Electronic Payment: No    Payment Mode: Cash    Auto Adjust/Hold Pay: No / No  
 Pay Ref Id:    Payment Instruction:    Payment Priority: Medium

**Document Line Information**    T/C/D Information

#	Doc. Line #	Error Msg.	Order #	View	Part #	Invoice Qty.	Invoice Rate	Amt.	Proposed Qty.	GI Allocation	Pro
1	1	Supplier Document # already		V						C	
2											

Buttons: Save, Validate & Save, Draft, Generate, Cancel

**Exhibit 2:**

**Document Line Information** tab in the **Review / Process scanned Invoices and Notes** screen in the **Accounts Payable Hub**

Document Line Information											
#	Doc. Line #	Error Msg.	Order #	View	Part #	Invoice Qty.	Invoice Rate	Amt.	Proposed Qty.	GI Allocation	Pro
1	1	Supplier Document # already		V						C	
2											

Buttons: Save, Validate & Save, Draft, Generate, Cancel

**Exhibit 3:**

**TCD Information** tab

Document Line Information											
#	Doc. Line #	TCD Type	T/C/D #	TCD Variant #	Description	TCD Rate	Taxable Amount	TCD Amount	Currency	Tax Level	Cost Cente
1									AUD		

Buttons: [No records to display], Save, Draft, Generate, Cancel

**Exhibit 4:**

**GI Allocation popup** in the **Review / Process scanned Invoices and Notes** screen in the **Accounts Payable Hub**

Supplier: 00060, Pay To Supplier #: 0007B, Supplier Doc. #/Amt: Cohbam 001, 1,697.66, Supplier Doc. Date: 31-01-2017, Pay Term: , Anchor Date: , Electronic Payment: No, Payment Mode: Cash, Auto Adjust/Hold Pay: No, No

**Tracking ID/Status** Supplier # Doc. Line #

#	Doc. Line#	Line #	Order #	Ref. Doc. Type	Ref. Doc. #	Part #	Part Desc.	Invoice Qty.
Found no rows to display!!!								

Buttons: Validate & Save, Draft, Generate, Cancel

## Ability to display authorization trail Smart Popup in AP Invoice Hub

Reference: AHBG-21318

### Background

AP Clerk creates documents, based on various parameters defined in Workflow, the system routes the documents to the respective authorizers based on the workflow configuration. The AP Clerk views the authorization status of the document and follows-up with the authorizers so that the document can be released for payments/adjustments, etc., as the case may be at the earliest. Also, there could be some remarks the authorizers would wish to update against the document during authorization. Currently, there is no provision to capture this authorization comments. This enhancement provides the ability to view the authorization trail of an AP document including a provision to update the authorization comments.

### Change Details

A new column 'App. His.' is added in the multiline of the **AP Invoice Hub** activity. On clicking the icon available in this column, 'Approval History' screen will be launched and this screen will display the authorization trail of the document selected. This screen displays the details like the Doc. # to be authorized, levels of authorization and the corresponding Authorizer details, Date of authorization, Authorization status and Comments (if any).



*Note: The details of the workflow path taken can be viewed by clicking the number available in the Level column*



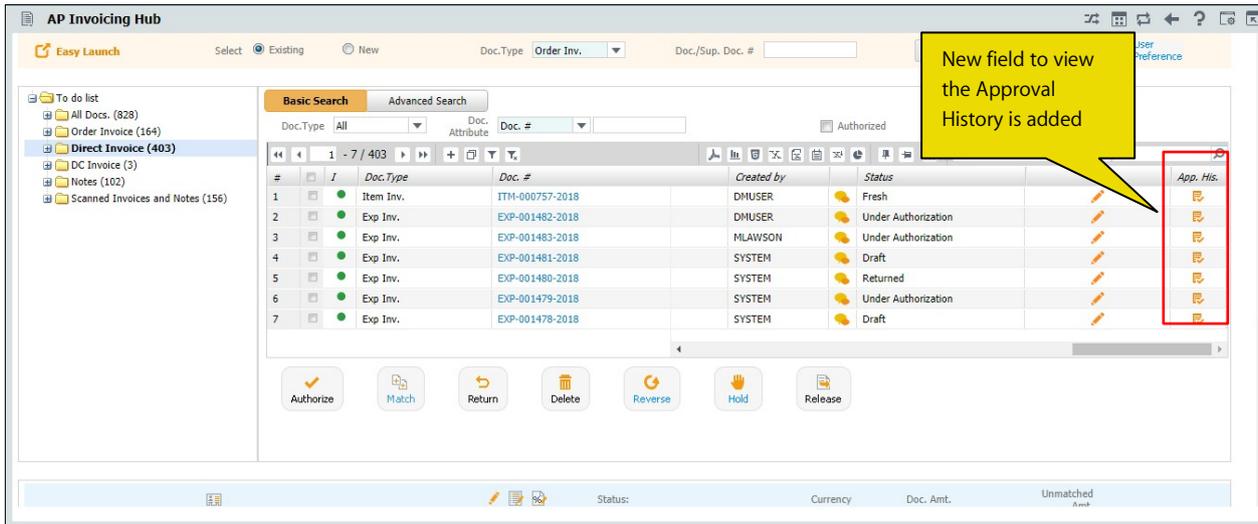
*If workflow based authorization is not enabled, then it will display a blank multiline.*

The status of the document is indicated in colors as follows:

- Green-Approved
- Orange-Pending for Approval
- Red-Rejected

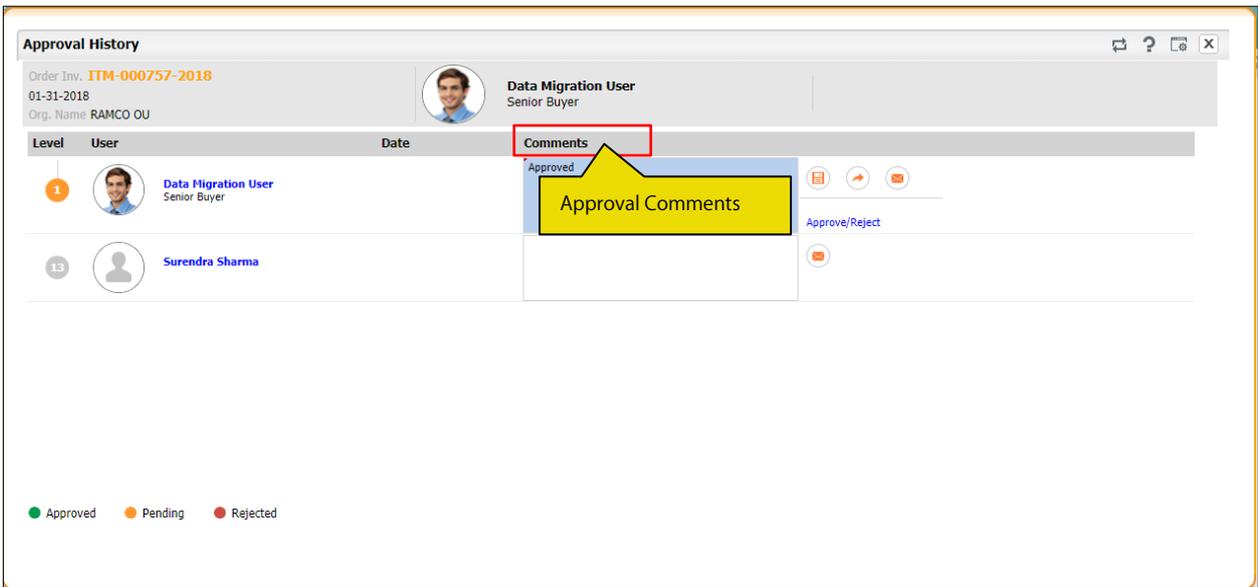
**Exhibit 1:**

**AP Invoicing Hub screen in Accounts Payable Hub:**



**Exhibit 2:**

**Approval History Smart Pop-up in AP Invoicing Hub:**



## WHAT'S NEW IN SUPPLIER PAYMENT?

### Ability to enable GST framework in Supplier Prepayment Voucher and its corresponding adjustment in Order Invoice

Reference: AHBG-7550

#### Background

Ability to enable GST framework in Supplier Prepayment Voucher and its corresponding adjustment in Order Invoice

#### Change Details

A new activity **Maintain Prepayment Voucher** has been introduced in the **Supplier Payment** business component replacing the Create, Edit, Authorize and View activities.

Two new tab pages have been added in the **Maintain Prepayment Invoice** activity as below:

1. **Reference Information Tab** - To record order level details of the prepayment Voucher
2. **Tax Information Tab** - To record tax to the prepayment voucher and process the same.

#### **Automatic updation of tax information**

On creation of Prepayment Voucher for Exchange PO, Purchase Order, Repair Order and Release Slip, Loan Order, Direct and the Ref. Document contains Tax element within it than the prepayment voucher's **Tax Information** tab will be automatically updated with the tax portion of the Ref. Document based on the set option "If the tax incidence is On Invoicing or On Payment" as set in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component. However, note that the system will not display the tax and charges added in reference document in the Prepayment Voucher

#### **Calculation of tax added to the voucher**

Ensure that if a Prepayment Voucher is created/edited for Exchange PO, Purchase Order, Repair Order and Release Slip and tax is added to that document, than on click of the 'Compute' pushbutton, the tax added to Prepayment Voucher is on the Proportionate basis.

Formula: Tax Amount \* ( Prepayment Amount / Document Amount )

Ensure that on 'On enter' of Line # in the **Tax Information** tab multiline, the system updates the details in the Taxable Amount, Currency (with Pay Currency) and Ref. Information columns.



*Note: Line # '0' means - document level Tax and Line # '1', '2' or so means line level tax.*

**Taxable Amount Modification:** To enable modification to the Taxable Amount the option setting 'Allow Modification of Taxable Amount' in the **Set Financial Process** activity of the **OU Parameter** business component has to be set as 'Yes'.



Note that hat if the tax currency is other than Base Currency then the system converts the tax amount into base currency on click of the 'Compute' pushbutton.

Tiles showing voucher value information as below has been added:

1. Basic Value
2. Tax
3. WHT
4. Total voucher Amount



Note: On entering a valid voucher number, the system retrieves the corresponding voucher information in the header as well as the multiline in fields like Payment Category, Status, Request Date, Finance Book, Numbering Type, Pay Currency, Exchange Rate, Payment Method, Payment Route, Payment Mode, Bank / Cash #, Description get updated as per the entered voucher #.

**Exhibit 1:**

**Maintain Prepayment Voucher** page in the **Supplier Payment** business component

The screenshot shows the 'Maintain Prepayment Voucher' interface. Key elements include:

- Voucher Information:** Fields for Voucher #, Request Date (10-11-2017), Voucher Category, Voucher Type (PrePayment), Finance Book (AVEOS), Status, and Numbering Type (SAV).
- Supplier Information:** Fields for Supplier Registered At (RAMCOOU), Supplier #, Supplier Name, Supplier Document #, Supplier Document Amount, and Supplier Document Date.
- Payment Information:** Fields for Pay Currency (CAD), Payment Route (Bank), Bank Currency (CAD), Bank Curr. to Base Exch. Rate (1.00000000), Priority (Medium), Remarks, Pay Curr. to Base Exch. Rate (1.00000000), Bank/Cash # (BMO CAD BLOCKED), Pay Curr. to Bank Exch. Rate (1.00000000), Payment Mode (Check), Pay Date (10-11-2017), Pay Amount, Description (BMO Blocked CAD), Pay Amt. in Bank Curr., Pay Charges By, and Payment Release Point (RAMCOOU).
- Electronic Payment:** Fields for Pay Ref Id, Pay Ref Details, and Payment Instructions.
- Value Tiles:** A set of four tiles (Basic Value, Tax, WHT, Total Voucher Amount) highlighted in red, with a yellow callout bubble indicating they contain voucher value information.
- Reference Information:** A newly added tab page, highlighted with a yellow callout bubble.
- Table:** A table with columns: #, Type, Ordering Point, Ref Document #, Document Pay Amount, and Tax Key. It contains two rows of data.
- Buttons:** A 'Compute' button is located below the table. At the bottom, there are buttons for 'Save', 'Save and Authorize', 'Delete', 'Return', and 'Print'.
- Footer:** Links for 'Accounting Information', 'Edit/ View Payee Info.', 'Edit Electronic Payment Information', 'Upload Documents', 'Record Bank Charges', and 'View Associated Doc. Attachments'.

**Exhibit 2:**

**Reference Information tab** page in the **Maintain Prepayment Voucher** activity of the **Supplier Payment** business component

#	Reference Type	Ordering Point	Ref Document #	Document Pay Amount	Tax Key
1		RAMCOOU			
2					

**Exhibit 3:**

**Tax Information tab** page in the **Maintain Prepayment Voucher** activity of the **Supplier Payment** business component

#	Line #	Tax Code	Variant #	Description	Tax Rate	Taxable Amount	Tax Amount	Tax Amt. in Base Curr.
1								

Two links have been added in the **Maintain Prepayment Voucher** screen as given below:

- Upload Documents
- View Associated Doc. Attachments

**Exhibit 4:**

**Maintain Prepayment Voucher** page in the **Supplier Payment** business component

The screenshot shows the 'Maintain Prepayment Voucher' screen with the 'Reference Information' tab selected. At the bottom of the screen, there are several buttons: 'Save', 'Save and Authorize', 'Delete', 'Return', and 'Print'. A yellow callout box points to two newly added links: 'Upload Documents' and 'View Associated Doc. Attachments', which are highlighted with a red box.

In the **View Prepayment Voucher** link page at the bottom of the **View Pay Batch** activity in the **Supplier Payment** business component, two new tabs have been included as below:

1. **Tax Information** tab - In this tab the details of vouchers created for which taxes have been added is displayed

2. **Adjustment Info.** tab – In this tab, details of prepayment vouchers against which debit documents are adjusted will be displayed.

**Exhibit 5:**

**View Prepayment Voucher** page in the **View Pay Batch** activity in the **Supplier Payment** business component

**Exhibit 6:**

**Tax Information** tab in the **View Prepayment Voucher** link page of the **View Pay Batch** activity in the **Supplier Payment** business component

**Exhibit 7:**

**Adjustment Info.** tab in the **View Prepayment Voucher** link page of the **View Pay Batch** activity in the **Supplier Payment** business component

## WHAT'S NEW IN RELEASE PAYMENT?

### Ability to modify Pay date in the Release Payment for Direct Debit Payment vouchers

Reference: AHBG-15258

#### Background

With regard to Release Payment for Direct Debit Payment vouchers, the pay date can be different from the date on which the payment is generally released for Direct Debit. However, currently, the pay date captures the date on which Pay batch was made and postings are triggered as on the pay date which is different from actual pay date that is the date on which the payment was actually released from the bank account.

Therefore this enhancement is to enable the user to modify Pay Date in the Release Payment for Reimbursement Voucher.

#### Change Details

The option 'Release Payment' has been added in the **Category** drop-down list box on selection of **Payables Management** as the Business Process in the **Set Process Finance Parameters** page of the **OU Parameter Setup** activity.

A new process parameter has been added as below:

Business Process	Category	Process Parameter	Permitted Values
Payables Management	Release Payment	Allow modification of payday in Direct Debit	Enter: <ul style="list-style-type: none"> <li>• 0 for No</li> <li>• 1 for Yes</li> </ul>

The **Pay Date** column in the **Voucher Information** multiline of the **Direct Debit activity** has been converted into an editable field.

**Exhibit 1:**

**Set Process Finance Parameters** page of the **OU Parameter Setup** activity under the **Finance Setup** business component

The screenshot shows the 'Set Finance Process Parameters' interface. At the top, there are search criteria including 'Parameter Level' (Organization Unit Level) and 'Business Process' (Payable Management). A dropdown menu for 'Category' is set to 'Release Payment', highlighted with a red box and a yellow callout bubble stating 'Release Payment option included in this field'. Below this is a table of search results. The first row is highlighted with a red border and a yellow callout bubble stating 'A new process parameter added'. The table contains the following data:

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Payable Management	Release Payment	Allow modification of paydate in Direct Debit	Enter 0 for No and 1 for Yes	1	Defined	
2							

At the bottom of the interface, there is a 'Set Parameters' button.

**Exhibit 2:**

**Direct Debit** link in the **Select Voucher** page of the **Release Bank Payment** activity under the **Release Payment** business component

The screenshot shows the 'Direct Debit' interface. At the top, there are search criteria including 'Payment Category', 'Bank Code', and 'Currency'. Below this is a table of voucher information. The 'Pay Date' column is highlighted with a red box and a yellow callout bubble stating 'The Pay Date column changed to editable field'. The table contains the following data:

#	Voucher #	Payee	Company Reference	Pay Date	Voucher Amount	Priority	Payee Address
1							
2							
3							
4							
5							

At the bottom of the interface, there is a 'Pay' button. Below the table, there are links for 'Accounting Information', 'Record Bank Charges', 'Remittance Advice Report', and 'With Holding Tax Certificate'.

## WHAT'S NEW IN CUSTOMER MISCELLANEOUS INVOICE?

### Ability to compute Tax on Total Value in Customer Miscellaneous Invoice with option to record Default Tax key at document level

Reference: AHBG-22775

#### Background

Total Value Tax is a tax that takes into accounts all the basic value taxes, charges and discounts added in the document. However, this tax used to get computed only when charges and discounts are added prior to total value tax. Provision is required to enable Total Value Tax computation irrespective of the sequence of the addition of charges / discounts added in the document and to apply total value tax through Default tax key based on set option.

#### Change Details

A new set option is introduced in set Finance Process Parameters 'Application of Default Tax Key in 'Customer Miscellaneous Invoice' (Refer Exhibit 1).

- '0' – Indicates application of Tax in Customer Miscellaneous Invoice using Default Tax Key at Document Level.
- '1' – Indicates application of Tax in Customer Miscellaneous Invoice using Default Tax Key at Line Level.

#### Exhibit 1:

Default Tax Key application in **Customer Miscellaneous Invoice**

#	Business Process	Category	Process Parameter	Permitted Value	Value
1	Receivable Management	Customer Direct Invoice	Application of Default Tax key in Customer Miscellaneous Invoice	Enter "0" for Document Level and "1" for Line	0
2	Receivable Management	Customer Direct Invoice	Allow modification of taxable amount in Customer Miscellaneous Invoice	Enter "0" for No and "1" for Yes	1
3					

**Customer Miscellaneous Invoice****Computation of Total Value Tax**

The computation of Total value tax in the **Create Miscellaneous Invoice, Edit Miscellaneous Invoice** and **Authorize Invoice** activity will be based on this set option. For default tax key

If the 'Application of Default Tax Key in Customer Miscellaneous Invoice' set option is set as '0',

- When a total value tax (added as default tax key) is added in an invoice, the taxable amount for such tax takes into consideration all the basic value taxes, charges and discounts added at document level.

If the 'Application of Default Tax Key in Customer Miscellaneous Invoice' set option is set as '1',

- When a total value tax (added as default tax key) is added in an invoice, the taxable amount for such tax takes into consideration all the basic value taxes, charges and discounts added at the respective line irrespective of the sequence in which it is added.
- Default Tax Key added at doc level will consider all the basic value charges/ discounts added at line level. But if the Total Value tax exists at line level then doc level charges / discounts will not form part of line level total value tax.



*Note: Considers the TCDs (Flat TCDs) added at both document level and line level in document currency.*



*The Taxable Amount displayed in the Invoice will be of Basic value, however the tax amount will be computed based on the Total value.*

## WHAT'S NEW IN REPORTS-RM?

### Ability to Extract Sales Report listing of Invoices and Notes

Reference: AHFG-10261

#### Background

This enhancement is to aid management reporting and analysis on the various sales/ service transaction which and organization transacts like for example Service Sale Revenue, Part Sale Revenue, and PBH Revenue and so on. Therefore the requirement is to enable the user to extract Sales Report that displays information of all kinds of sales/ service revenue at an account & cost center level.

This enables users to review the revenue earned on the documents/Customer with visibility to the VAT, Charge and Discount information and the various adjustments carried out.

#### Change Details

- A new **Sales** report has been introduced with Account Level details including VAT, Charge and Discount in the multiline in the **DW Report Configuration** screen.

##### View Name

Report on Invoice Listing

##### View Type

Code - Report

- This report lists all the Customer Invoices and notes at account level with revenue account code information for easy analysis of revenue acquired during the period along with taxes applied on the same.
- It also displays the tax amount applied at such account level for each invoices/ notes.
- Taxes are apportioned on the basis of Entity like Material, Labour, Resources, etc. in case of Customer Service Invoice. Document level tax for Customer Invoice/notes are shown in the first line/entity of the invoice.
- The invoices & notes are listed with its transaction currency value and the base currency value.
- Apart from the Invoices and Notes it also displays reversed documents.
- Invoices and Notes in or above Authorized status are retrieved in the report.

## Input Criteria

Parameter Name	Mandatory	Parameter
Finance Book	No	N
Customer Code	No	N
Doc Type	No	N
Date From	Yes	Y
Date To	No	N
Document No. From	No	N
Document No. To	No	N
Include Reversal	No	N



*Note that the 'Date From' is Mandatory, in case the date is not specified, then the system validates regarding the same. The system retrieves the customer Invoices and Notes with document dates (Invoice dates & Note dates) equal to and greater than 'Date From', considering the other search criteria.*

**The system launches the report for the Document Types specified.**

The system lists the following options:

1. All
2. Ref.Doc Based Invoice
3. Part Sale Invoice
4. Pack slip Invoice
5. Miscellaneous Invoice
6. Customer Direct Invoice
7. Consignment Sales Invoice
8. Customer Bill back invoice
9. Customer Service Invoice
10. Service Sale Contract
11. Customer Item Based Debit Note
12. Customer Item Based Credit Note
13. Customer Account Based Debit Note
14. Customer Account Based Credit Note

**Columns displayed in the Report**

1. Finance Book:
2. Customer #:
3. Customer Name:
4. Doc. Type:
5. Document #
6. Document Date
7. Doc. status

8. Doc. Currency
9. Invoiced (Tran Currency)
10. Exchange Rate
11. Base Currency
12. Invoiced (Base Currency) Excl. VAT, Charge and Discount
13. VAT (Base Currency)
14. Charge (Base Currency)
15. Discount (Base Currency)
16. Total Doc. Amount (Base Currency) Incl. VAT, Charge and Discount
17. Reversal Date
18. Reversal Ref. #
19. Order Ref. #
20. Sale Type
21. Pricing Basis
22. Account Code
23. Account Code Description
24. Cost Center
25. Cost Center Description
26. Analysis Code
27. Analysis Code Description
28. Sub Analysis Code
29. Sub Analysis Code Description
30. Created By
31. Customer Sales Person

### **Reversal Document**

In case of reversal of invoice and notes, the system displays the reversal document as a separate line in the period in which the reversal has been done. This report also displays the reversal document reference against originally reversed invoice.



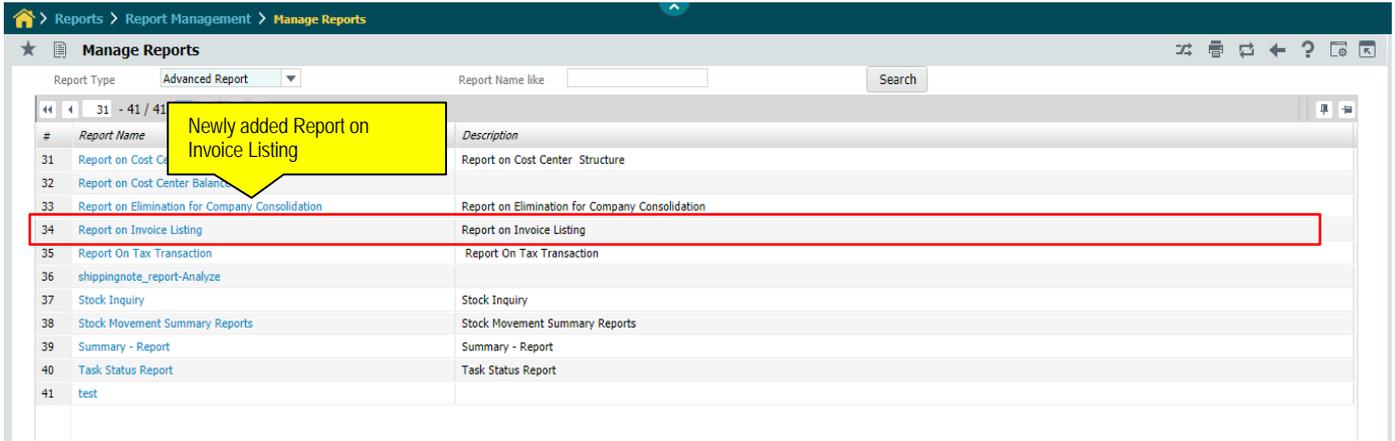
*Note: All the values (in amount) of Reversal Document will always be negative except for Credit Note.*



*Note: If 'Include Reverse' option is selected as 'No' then the reversal document will not be fetched.*

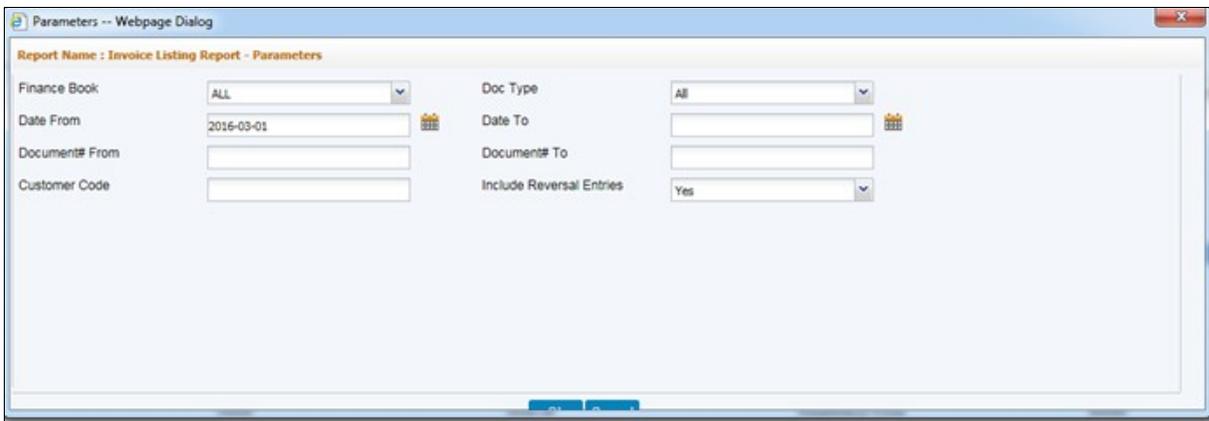
**Exhibit 1:**

**Manage Reports** activity in the **Report Management** business component of the **Report** business process



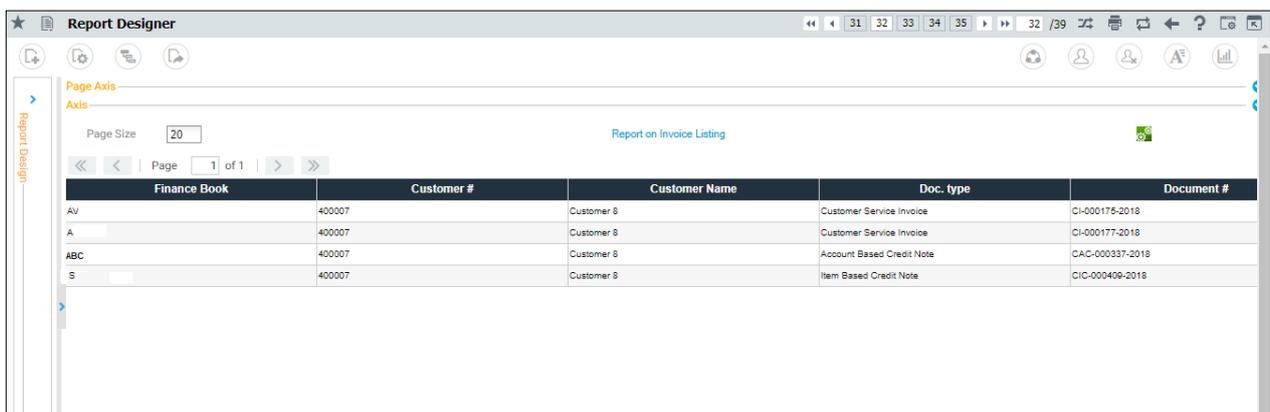
**Exhibit 2:**

**Search Page >Report Designer**



**Exhibit 3:**

**Report Designer** page in the **DW Report Configuration**



## Ability to Print Receipt for Customer Receipt, Sundry Receipt and Supplier Receipt

Reference: AHBG-23139

### Background

This enhancement is to provide the ability to print receipts created using Customer Receipt, Supplier Receipt and Sundry Receipt based on the given search criteria. Each receipt is printed in a separate page capturing the Receipt No, Date, Customer/Supplier Name and other details.

### Change Details

#### Reports-Receivables Management

A new screen **Print Receipt** has been added as a left pane activity in the **Reports - Receivables Management** business component. This activity facilitates printing the Customer, Supplier and Sundry Receipts. The system retrieves the receipts based on the given search criteria.

- i. Specify the Receipt Type which can be 'Supplier Receipt', 'Customer Receipt' or 'Sundry Receipt' that has to be printed.
- ii. Specify the Receipt Mode in which the payment is received which can be 'Check', 'Credit Card', 'Demand Draft', 'Direct Credit' or 'Cash'.
- iii. Specify the bank / cash account codes for which the receipts needs to be printed.
- iv. Enter the ranges of the 'Instrument #', 'Instrument Date', 'Receipt #', 'Receipt Date' and the 'Trading Partner #' to retrieve the required receipt.
- v. On click of the 'Print Receipt' pushbutton, each receipt gets printed in a separate page capturing the Receipt No, Date, Customer/Supplier Name and other details.

**Exhibit 1:**

Identifies the **Print Receipt** screen in the **Reports - Receivables Management** business component:

**Exhibit 2:**

Identifies the **Report** printed in **Print Receipt** screen in the **Reports - Receivables Management** business component:

## WHAT'S NEW IN MANAGE CONSOLIDATED FINANCIAL STATEMENTS?

### Ability to generate Cash Flow Statement from Manage Consolidated Financial Statements based on FSL

*Reference: AHBG-21466*

#### Background

The requirement is to extract the Cash Flow statement Report, 'Cash Flow Statement'. Provision to configure the layout of the Cash Flow statement in the Financial Statement Layout must be enabled. Also ability to define the Schedules for Cash Flow Layout is to be provided.

#### Change Details

##### **Manage Consolidated Financial Statements:**

A new **Cash Flow Statement** report has been introduced in the Report List of the **Manage Consolidated Financial Statement** screen. Cash flow statement can be extracted by providing the 'Report Date' and the 'No. of Periods' to determine the period range for Cash Flow Statement. The 'Report Date' must be a month-end date. The Cash Flow Layout ID should be provided in the 'Balance Sheet Layout ID' field in the 'Report Criteria' section. The Schedules for Cash Flow Statement is also enabled.

Once the 'Cash Flow Layout ID', 'Report Date' and 'No. of Periods' is provided and report is initiated for the Data Package ID, the application processes the report offline and generates the excel report. The link through which the report can be downloaded will be displayed in the 'File Name' field. The Report will be generated in excel with a sheet for the Cash Flow Statement based on the Layout ID and a sheet for the Schedules.

**Exhibit 1:**

**Cash Flow Statement in Manage Consolidated Financial Statement screen**

**Exhibit 1A:**

**Sample Cash Flow Statement Report Format launched from Manage Consolidated Financial Statement.**

COMPANY : ARCD		
<b>CASH FLOW STATEMENT</b>		
CURRENCY : CAD		
LINE #	PARTICULARS	AS ON 31 JAN 2018
1	Cash at the Beginning of period	(40,873,880.87)
2		
3	<b>CASH - OPERATING ACTIVITIES</b>	
4	Depreciation	-
5	Amortisation cost	-
6	Account Receivable	(63,830.00)
7	ACCOUNTS PAYABLE & OTHER LIABILITIES	9,162,142,982.05
8	Inventory	(17,749.87)
9	Net Earnings	(9,156,603,796.96)
10	<b>NET CASH PROVIDED - OPERATING ACTIVITIES</b>	<b>5,457,605.22</b>
11	<b>CASH INVESTING ACTIVITIES</b>	
12	NET ADDITION TO PLANT & EQUIPMENT	(106,510.00)
13	<b>NET CASH USED - INVESTING ACTIVITIES</b>	<b>(106,510.00)</b>
14	<b>CASH FINANCING ACTIVITIES</b>	
15	Change in Equity	-
16	<b>NET CASH USED - FINANCING ACTIVITIES</b>	<b>-</b>
17	Closing Balance	(35,522,785.65)

**Financial Statement Layout:**

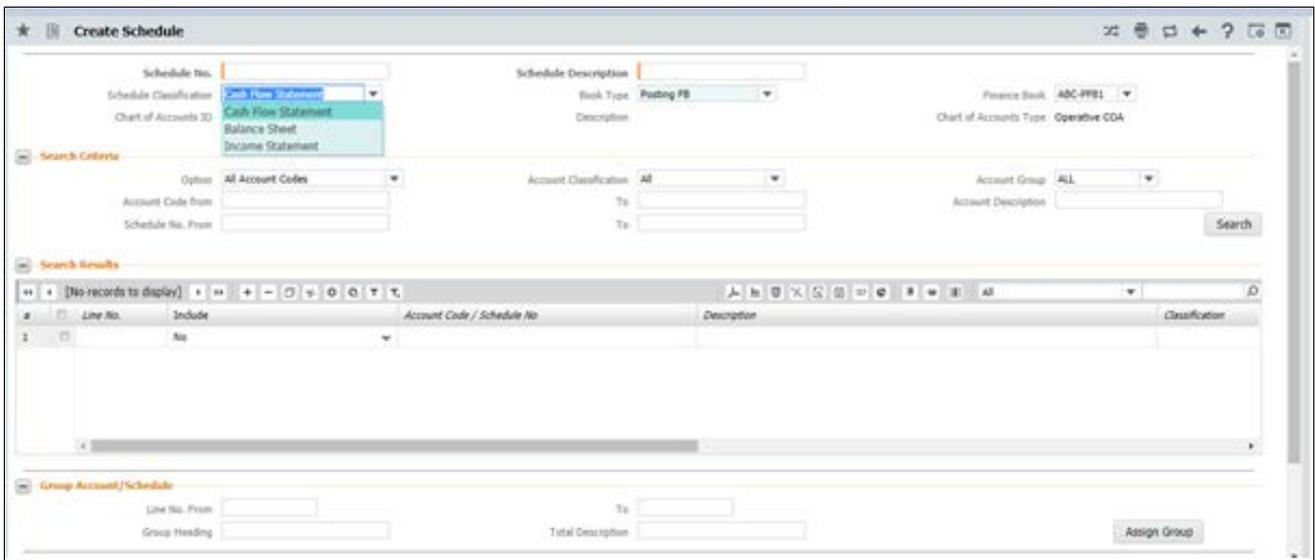
In **Create Schedule** screen, a new Schedule Classification Cash Flow Statement has been introduced.

In **Create Schedule** screen, the user can define the schedule for **Opening Cash Balance** by choosing the **Account Balance** column with the value “**Opening Balance**”.

However, for all the other schedules defined for Cash Flow Statement (except for Closing Cash Balance) the Account Balance can be selected with the value “**Period Amount**”.

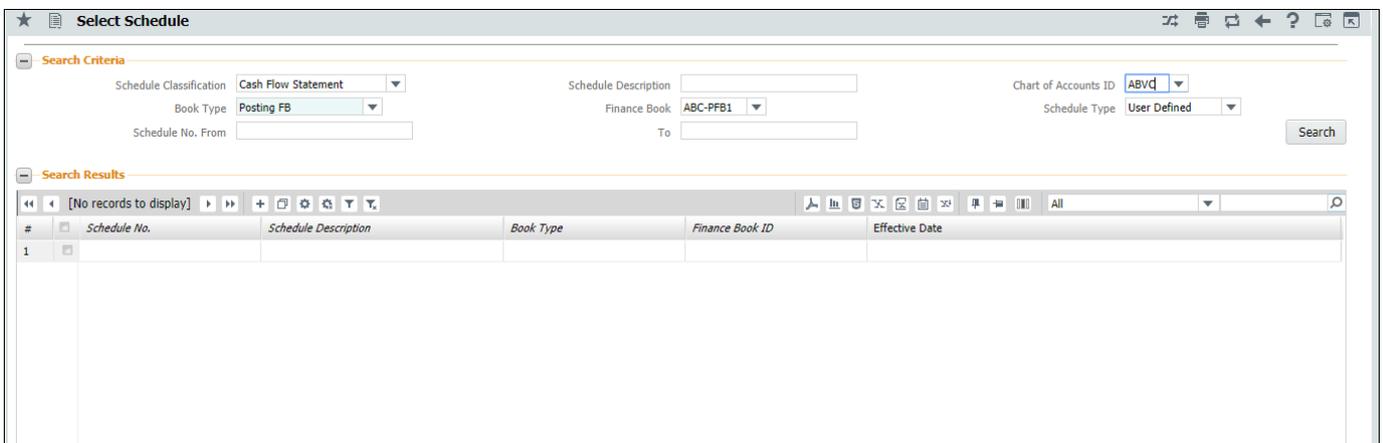
**Exhibit 2:**

Introduction of **Cash Flow Statement in Create/ Edit Schedule** screen



**Exhibit 2A**

In the **Edit Schedule** screen, a new Schedule Classification Cash Flow Statement has been introduced

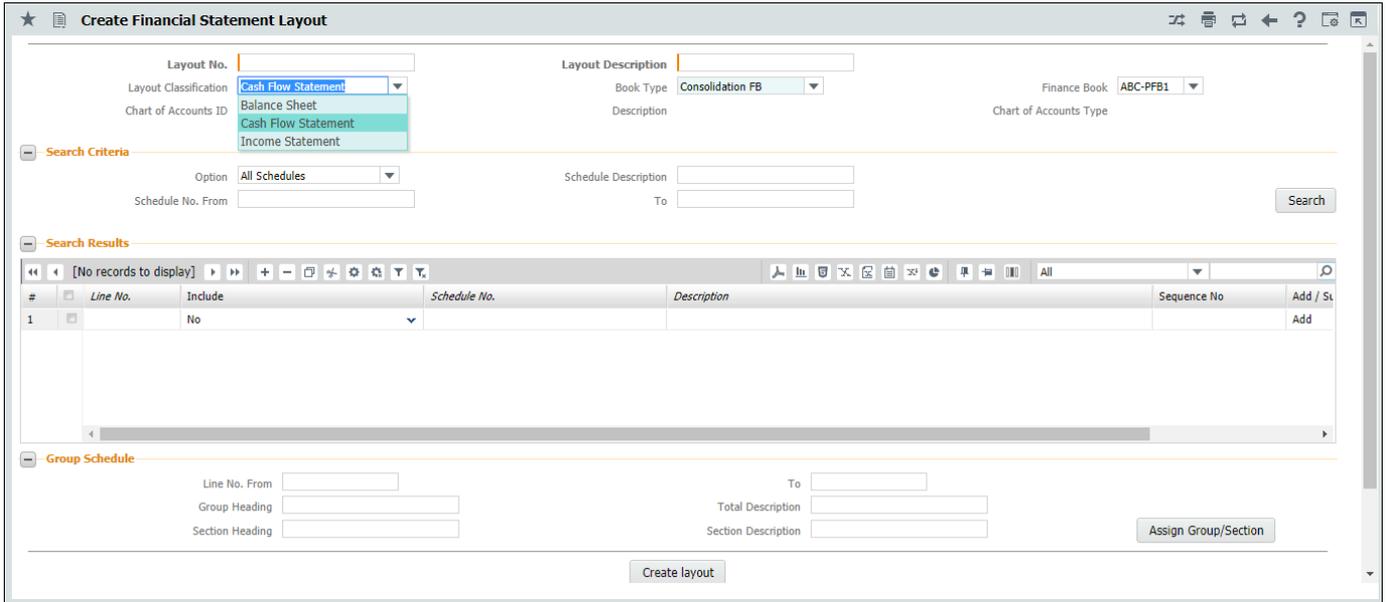


In the **Create Financial Statement Layout** page, a new Layout Classification Cash Flow Statement has been introduced.

User can defined the Cash flow report layout on the basis of required format based on the schedules created.

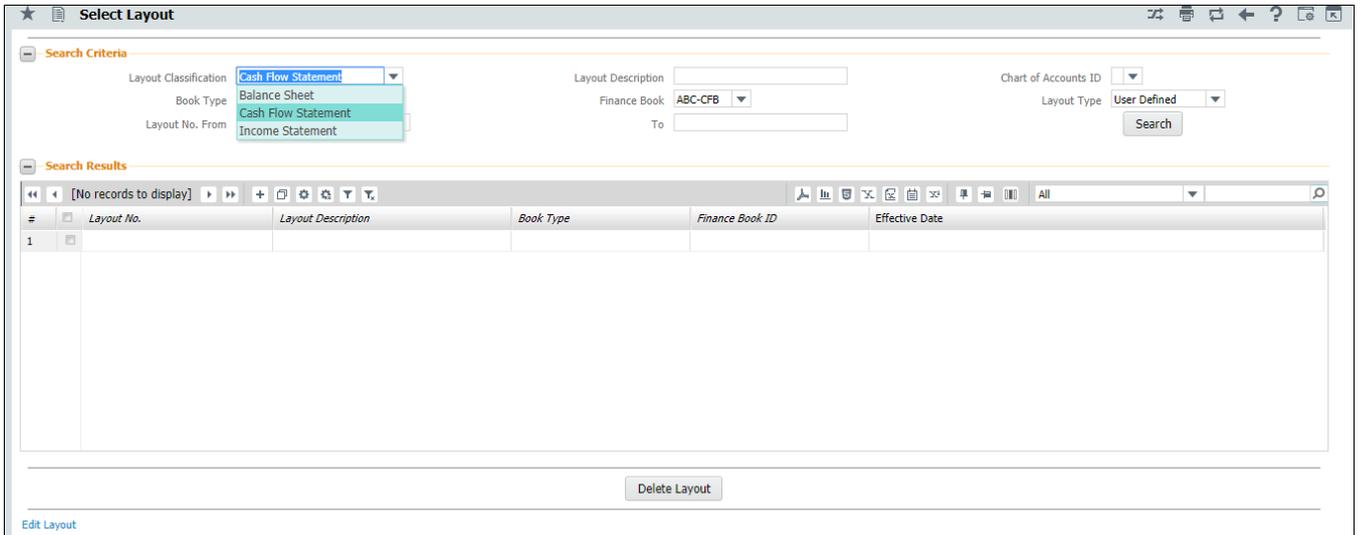
**Exhibit 3:**

Introduction of Cash Flow Statement in **Create/ Edit Financial Statement Layout** Screen



**Exhibit 3A:**

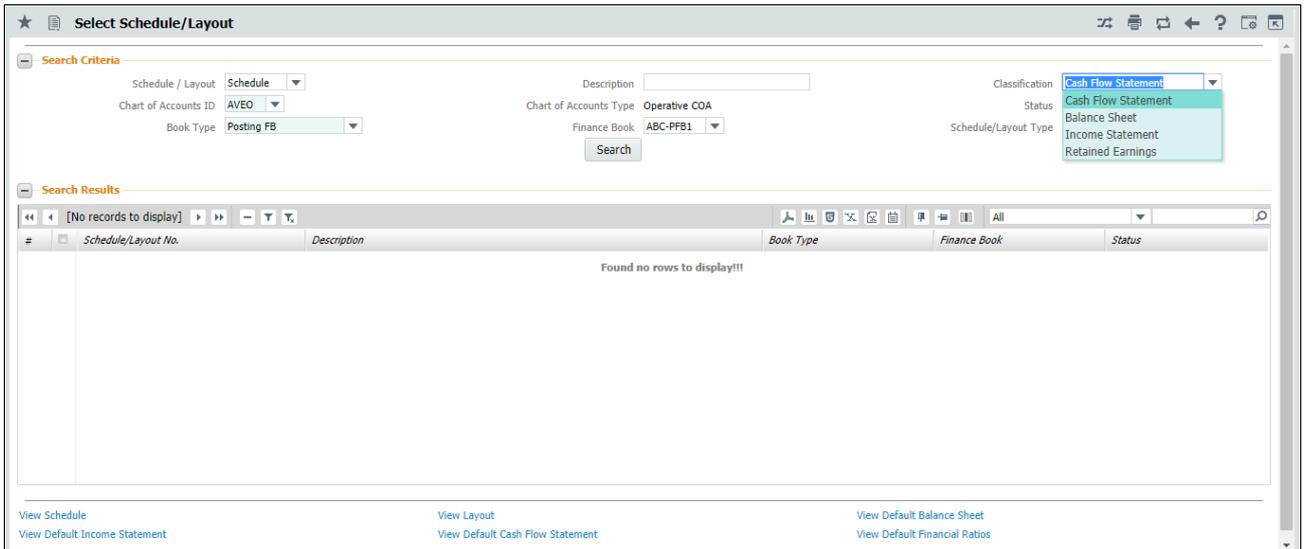
In **Edit Financial Statement Layout** new Layout Classification Cash Flow Statement has been introduced.



In **View Schedule / Layout** screen, a new Schedule Classification Cash Flow Statement has been introduced.

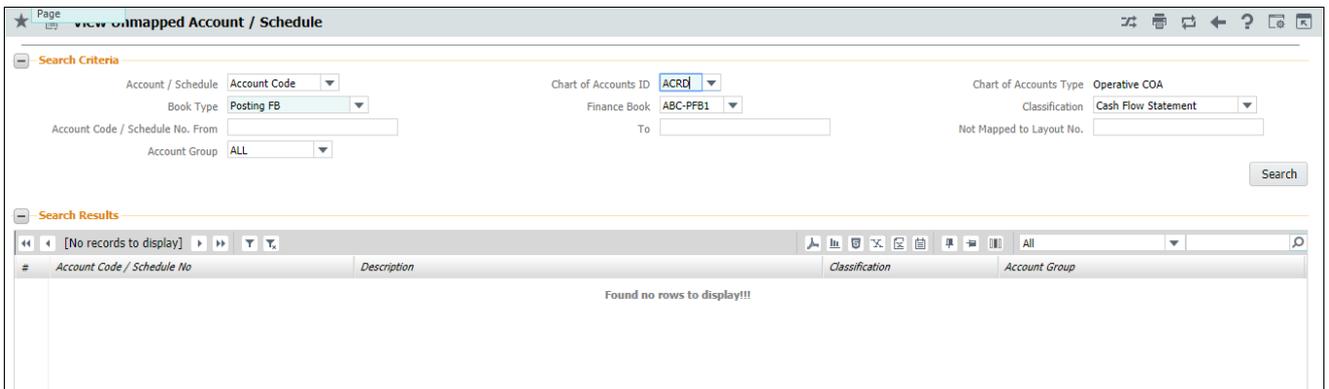
**Exhibit 4:**

Introduction of Cash Flow Statement in **View Schedule/ Layout** Screen



**Exhibit 5:**

Introduction of Cash Flow Statement in **View Unmapped Account/ Schedule** screen



## WHAT'S NEW IN FINANCIAL CALENDAR CLOSURE?

### Ability to manage open financial transactions

*Reference: AHBG-17225*

#### Background

This is required for business which follows the practice of closing books periodically but could not close on time due to pending voluminous transactions. This enhancement assists the organization to close Business Function Group, Finance Book for a period smoothly by moving all open documents, for example payables and receivables to the next minimum open period. The requirement is to manage all the open financial transactions during financial period closure.

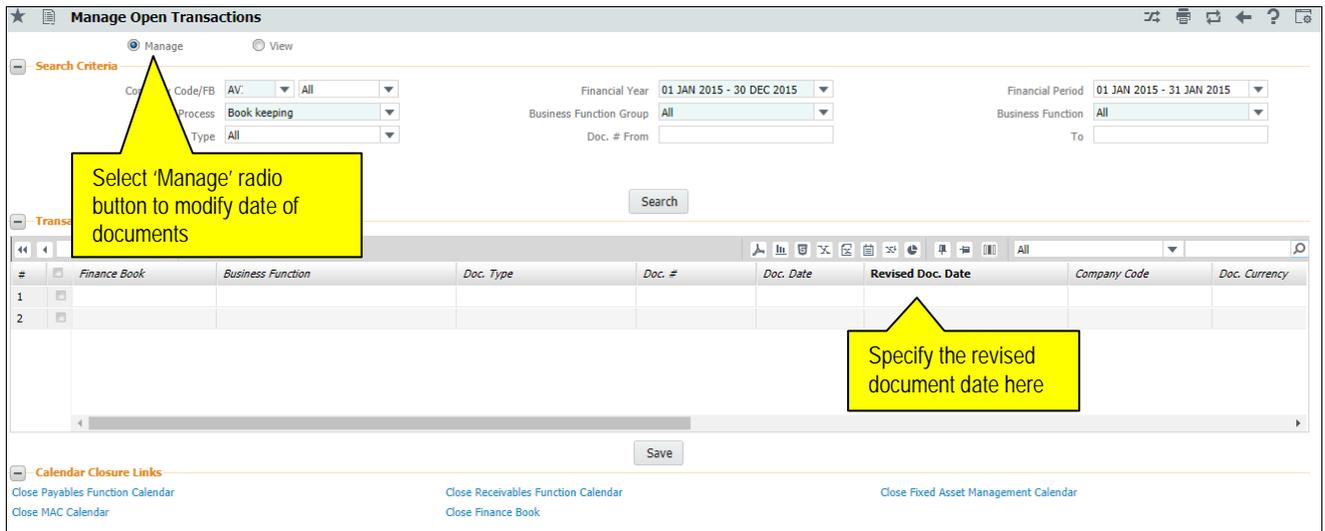
#### Change Details

A new activity **Manage Open Transactions** (*See Exhibit 1*) has been developed to manage open transactions during financial period closure. This facility is enabled for Payables, Receivables, Book Keeping and Fixed Assets. To enable faster closure of pending transaction, the user has the provision to fetch the records across business function groups and modify the document dates of the respective open documents to the next open financial period. When these documents are authorized, the revised document date will be considered for account postings and all other calculations.

The Financial Period field is defaulted with that period which has open transactions. The modification of date in document is enabled based on Set Options (*See Exhibit 2*) specified for Manage Open Transactions in the **Set Finance Process Parameter** activity under component **OU Parameter Setup** in the **Finance Setup** business process.

**Exhibit 1:**

**Manage Open Transaction** activity in the **Financial Calendar Closure** business component in the **Book Keeping** business process



*Note: The **Search By** combo is displayed only if the 'View' radio button is selected in the header*

*Note: For the Current Financial Year, Financial Period lists up to that period which is proceeding to the current financial period.*

**For Example:**

*Current financial period = September*

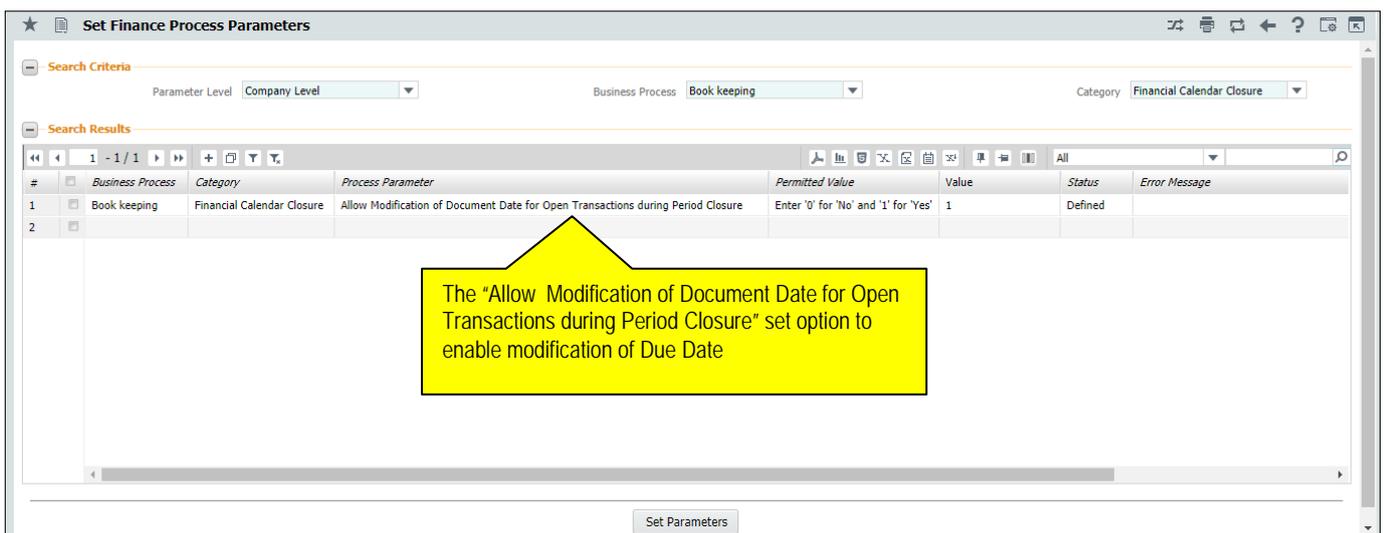
*Financial Period lists up to August month only.*

**Radio Buttons**

- Manage - This option is used to modify date of documents
- View - This option can be used to view the details of the documents for which date have been modified.

**Exhibit 2:**

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



## WHAT'S NEW IN JOURNAL VOUCHER?

### Ability to add cost to Work Order from Journal Voucher

Reference: AHBG-21696

#### Background

As part of the maintenance of Aircraft or its components, multiple costs are incurred like for example, Material Cost, Labor Cost, Resource Utilization Cost, External Repair cost, External Service cost, and other costs. Material Cost is booked through issue document, labor cost is booked through time booking and other Costs are booked through PO/RO/Invoice. Currently there is no provision to record costs directly on the work orders or Packages, or to transfer the costs accumulated in an account code to a work order. This feature enables loading of costs directly to the work order through Journal Voucher.

#### Change Details

The Journal Voucher business component has been enhanced to record costs against work orders or packages. The following are the new changes introduced in the Journal Voucher.

In the **Create/Edit/Authorize Journal Voucher** activity in the **Journal Voucher** business component, the following changes are introduced:

1. A new option, 'Reg. - Direct Exec. Cost' (Regular – Direct Execution Cost) has been added in the 'Voucher Type' combo list in the header.
2. The following new columns have been added in the multiline:
  - Task #
  - Task Seq. #
  - Entity
  - Expense Type
3. "Entity": combo loaded with the options, Material, Resource, Ext. Repair, Ext. Service, Exchange Fee and Others.
4. "Expense Type": combo loaded with the options Revenue and Capital has been added in the multiline
5. Journal Voucher cannot be created for Capital SWO and AME after task closure.

For the above Voucher Type "Reg. - Direct Exec. Cost", atleast one line in the multiline should contain SWO # or AME # and its Task #, Task Seq. #, to record costs to AME or SWO. The cost of the AME or SWO can be increased or decreased (by Debiting or Crediting) SWO/AME with task reference by transferring costs from one or more account codes or even one or more work orders/ packages. The Account code is not mandatory for the lines having AME/ SWO with Task Reference. The account code will be derived automatically based on the below parameters from the Account Rule Definition:

- ✓ Status of the task (Closed/ Open)
- ✓ WIP policy (Suspense/ Consumption)
- ✓ Nature of the Work Order (Add to Stock or Expense Off as applicable)
- ✓ Incidence of Cost Booking (Task Closure or Root Work order Closure as applicable)

- ✓ Entity Account (Material, Labor, Resources, External Repairs, Others)
- ✓ Order Class of the SWO/ AME (Internal/ External as applicable)
- ✓ Expense Type (Capital/Revenue)

**Points to Note:**

- The existing facility of recording JV with Chart Fields: SWO/ AME without Task # reference with Voucher Type as "Regular" will continue to be supported.
- For a Customer Order based SWO/ AME, the costs added through Journal Voucher will not be available for billing.
- JVs recorded for a closed SWO/AME will be posted to Consumption or COSR as the case may be.
- View Account Balance report for Maintenance Suspense/ Work Order suspense will include the costs accounted through "Reg.- Direct Exec. Cost" Journal Voucher.
- Reversal of Journal Voucher created against Voucher type 'Reg. - Direct Exec. Cost' has been restricted
- Help on SWO/ AME will enable search & selection of Task # & Task Seq. #.
- The Expense Type of the JV with voucher type 'Reg. - Direct Exec. Cost' for a Capital AME/ SWO will be based on set option:

**Allow Expense Type basis for Capital Ref. Documents with options:**

Enter 0 for Always Ref. Doc. Based (the Expense Type of the JV will always be based on the Reference document),

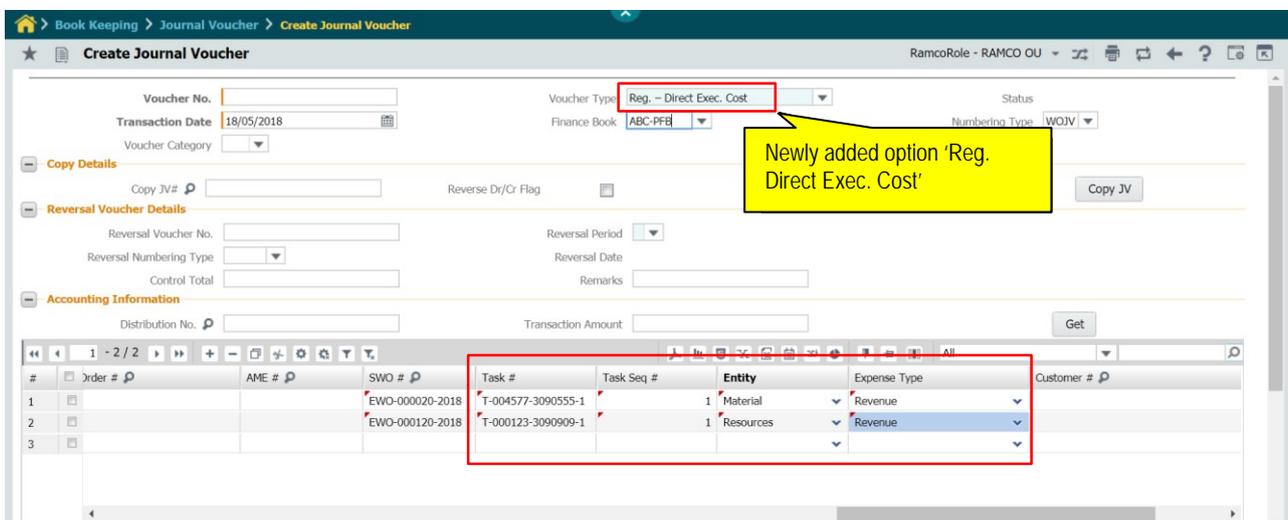
1 for Ref. Doc. based if not specified (the Expense Type of the JV will always be based on the Reference document if the combo is left blank) and

2 for Based on User Selection (the Expense Type of the JV will always be based on the user selection)

**Exhibit 1:**

**Create Journal Voucher activity in the Journal Voucher business component**

Note: Similar changes have been made in the Edit & Authorize Journal Voucher screens



## Ability to enable creation and maintenance of Allocation Rules

Reference: AHBG-19969, AHBG-20435, AHBG-20450

### 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, the application supports allocation at a Cost Center and/or Cost Element through Management Accounting (MAC) Cost Allocation. However, this allocation is not permanent allocation and will not reflect in Profit & Loss account (P&L)/GL (General Ledger). The requirement is to perform permanent allocation in GL directly, so that impact is reflected in P&L. Additionally, provision is required to schedule the allocation, review the effect of allocation and process the allocation.

### Change Details

New activities have been introduced under the Journal Voucher business component as given below:

- Maintain Allocation & Distribution Rules
- Manage Allocation Packages
- Review/ Process Allocation Packages

### Maintain Allocation & Distribution Rules

This screen captures Allocation Rules from Source to Destination. Rule IDs can be created under one Finance Book or from one to multiple Finance Books or for 'All' the Finance Books. Combinations specified at Source or Destination sections can be either at 'Account Code and/or Cost Center and/or Analysis Code and/or Sub Analysis Code and/or Expense Classification' level. The source section in the rule can have multiple combinations from which the allocations have to be made to the destination section, which is common for all the source lines. Rules can be classified using Allocation Category. Numbering Type combo will get defaulted with all the numbering types mapped for transaction 'GL Allocation Rules' and get defaulted with default numbering type.

### Key Points to Note:

- Rule Description should be provided mandatorily while creating a Rule ID to describe the purpose of the rule.
- Rules can have an Effective From Date (mandatory) & Effective To Date
- Overlaps between the source and destination combinations will be restricted
- Percentage in source section for a line cannot exceed 100%.
- Sum of the percentage at all lines in Destination section cannot exceed 100%, since destination is common for all the source combinations.
- Combination given at Source cannot be same in Destination section.

**Illustration of Rule**

Common Rent Expenses: Allocation across FB's and Cost Centers

**Source**

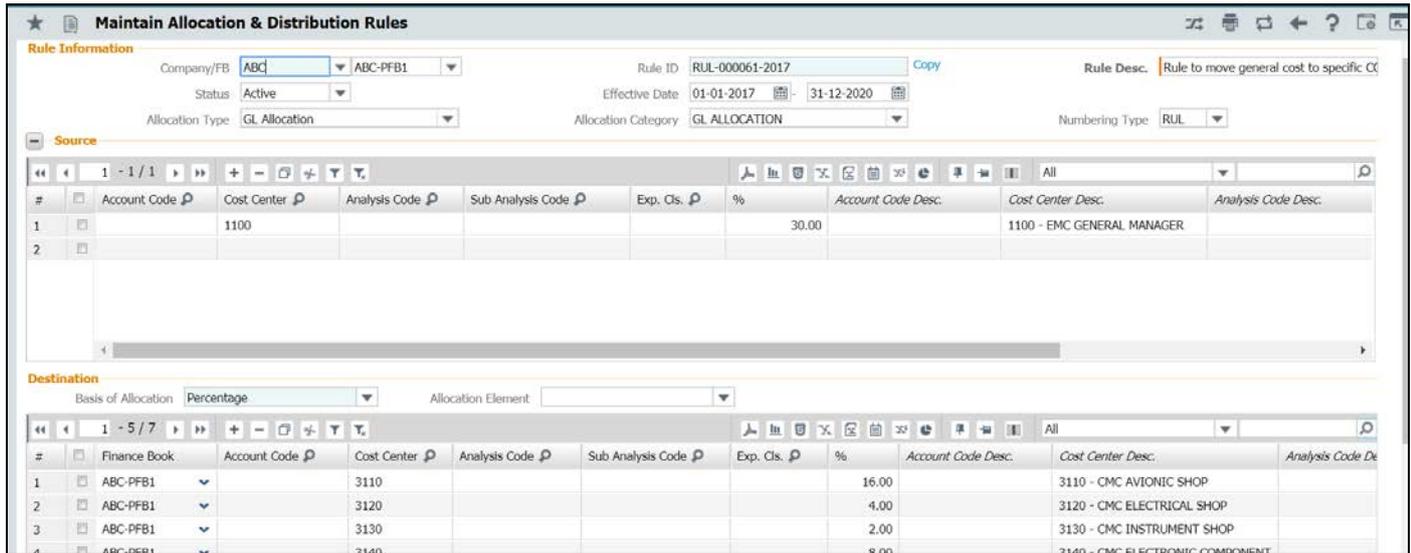
Account Code	Cost Center	Analysis Code	Sub Analysis Code	Exp. Classification	Allocation %
	ADMIN				75%

**Destination**

Company	Finance Book	Account Code	Cost Center	Analysis Code	Sub Analysis Code	Exp. Classification	Percentage
ABC	ABC-PFB		VT-ABC				20%
ABC	ABC-PFB1		VT-DEF				50%
ABC	ABC-PFB2		VT-XYZ				30%

**Exhibit 1:**

**Maintain Allocation & Distribution Rules** activity in the **Journal Voucher** business component



**Manage Allocation Packages**

In this screen the created rules are sequenced and Package # is generated. Packages can be initiated manually or as a Recurring Packages. When 'Recurring' is selected as 'Period' then 'Date From', 'Date To' and 'Run After' fields have to be provided mandatorily to schedule the package automatically. For example: If 'Run After' is provided as 3 days then Recurring Package will get generated for Fin. Year / Fin. Period combination every period after 3 days.

A non-recurring Package can be created for a financial period and initiated manually. While creating a Package, the underlying rules should be effectively through the duration of the Package. Numbering Type combo will get loaded with all the numbering types mapped for transaction 'GL Allocation Packages' and get defaulted with default numbering type.

**Key Points to Note:**

- If multiple Rules is selected as 'No' then multiline can have only single Rule
- Rule IDs should not have any dependency for allocation when there are multiple rules. (For e.g. if 2 rules are available in a Package, Source of Rule 2 should not be the destination of Rule 1)
- 'Date From' and 'Date To' should be Financial Period start and end dates respectively.

**Exhibit 2****Manage Allocation Packages** activity in the **Journal Voucher** business component

The screenshot displays the 'Manage Allocation Packages' interface. At the top, there are fields for Company (ABC), Status (Active), Date from (01-01-2017), Package # (PKG-000002-2017), Fin. Year, Date to (31-12-2017), Package Desc. (Package across FBs), Recurring? (Period), Run After (2 Day(s)), Multiple Rules? (No), and Numbering Type (PKG). Below this is a 'Rule Details' table with columns: #, Seq #, Rule ID, Rule Desc, Status, Allocation Type, Effective from, Effective to, and Allocation Category. The table contains three rows, with the second row (Seq # 2, Rule ID GLA-000005-2017) highlighted. A yellow callout box points to the 'Package #' field with the text 'Schedule the Packages'. Another yellow callout box points to the 'Rule ID' column in the table with the text 'Sequence the Rules under a Package'. A 'Save' button is located at the bottom center of the interface.

**Review /Process Allocation Packages**

This Activity has the following user interfaces:

- Select Packages
- Review/Process Allocation Packages

**Select Packages**

This screen retrieves the Allocation Packages which are yet to be initiated manually or already processed Recurring Packages with its Run # and status for reviewing and posting the JV. It also retrieves the list of Packages for which Run numbers are generated and in Initiated/ Processed/ Posted/ Cancelled status. The Packages can be initiated manually for a financial period, for the finance book(s) selected, the status of the Packages will be updated as 'Initiated'. A background routine picks the initiated Packages and processes the same, the status of the package will be updated as 'In progress'. Once the routine completes the Processing, the status will be updated as 'Processed'. For the Run #s in processed status, the allocation information can be reviewed and modified in the second User Interface: Review/ Process Allocation Packages.

A Packages can be cancelled anytime in this screen by clicking the 'Cancel Run #' button, the package gets updated as 'Cancelled'. A package can be cancelled if status of the Run # of the Package is not in 'Posted' status. On click of 'Search', a new line with the same Package # will be available for manual initiation of a new Run #, for the cancelled packages. Numbering Type combo will get defaulted with all the numbering types mapped for transaction 'GL Allocation Run' and get defaulted with default numbering type.

**Review/ Process Allocation Packages**

This user interface is launched on click of Run # link in the ‘Select Packages’ multiline for a Run # in ‘Processed’, ‘Posted’, ‘Cancelled’ status. The allocation information is displayed at a detailed level in this screen for review and modification. The source lines & the destination lines to which the values are allocated will be flagged & sorted respectively. The allocation value can be either +ve or -ve based on whether the account code is being debited or credited respectively.

In this screen, the data in the multiline can be filtered based on the Rule ID and Rule Source Line # dropdowns. Allocated Amt. can be modified before processing the ‘Post JV’. On click of ‘Post JV’ the status of Run # gets updated as ‘Posted’ and JV gets generated and displayed in JV # column. On click of JV link, View Journal Voucher screen gets launched. JV numbering will be based on the numbering type defined in Set Finance Process Parameters for this auto JV generated from GL Allocation.

**Key points to Note**

- Sum of Debit and Credit should be zero for processing the JV
- Total of ‘debit’ and ‘Credit’ in Allocated Amt. should not sum up to zero respectively, however there can be some of the debit lines which can be zero.
- Remarks should be provided on modification of Allocated Amt.

**Exhibit 3**

**Select Packages activity in the Journal Voucher business component**

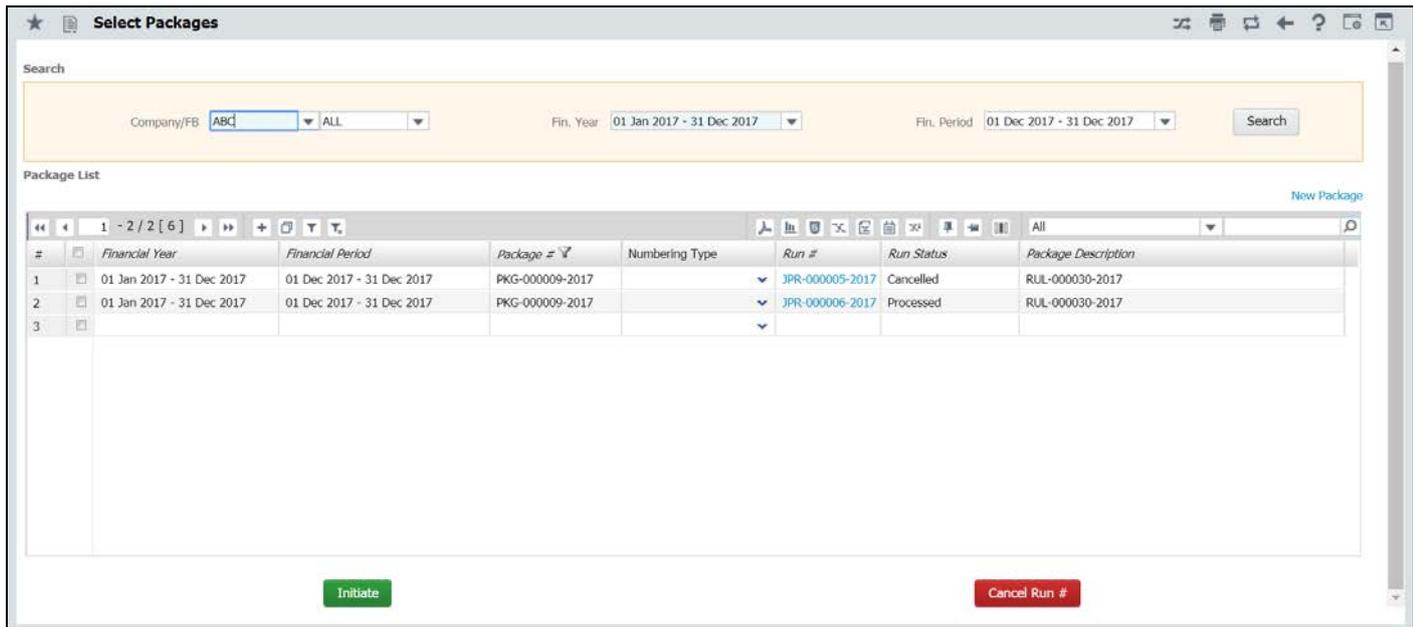


Exhibit 4

Review / Process Allocation Packages activity in the Journal Voucher business component

**Review/Process Allocation Packages**

Allocation Run Info.

Company/FB: / All      Fin. Year: FY201      Fin. Period: JAN17  
 Package #: PKG-000029-2017      Run #: RUN-000017-2017      Status: Processed

Process Run

Rule #: All      Rule Line #:

**Detail**

#	Finance Book	Rule #	Rule Line #	Account Code	Cost Center	Analysis Code	Sub Analysis Code	Exp. Cls.	Currency	Allocated Amt.	Original Allocated Amt.	Available Balance	Remarks
1	ABC-PFB3	RUL1-000003-2017	1	681900	1100	##	##	##	CAD	-93,456.60	-93,456.60	-934,566.00	
2	ABC-PFB3	RUL1-000003-2017	1	511100	1100	##	##	##	CAD	23,364.00	23,364.15		
3	ABC-PFB3	RUL1-000003-2017	1	513100	1100	##	##	##	CAD	210,277.50	210,277.35		
4													

## WHAT'S NEW IN CURRENCY REVALUATION?

### Ability to enable Permanent Revaluation for foreign account balances

Reference: AHBG-19904

#### Background

Business entities record currency revaluation during period end to restate the foreign currency account balances based on month-end exchange rate. The revaluation difference is posted to unrealized gain or loss, and the entry gets reversed first day of the next period.

Account Balances other than Supplier or Customer balances, the requirement is to book permanent revaluation during end of a period so that the balances are recomputed and restated during the next period only for the incremental differences.

#### Change Details

A new set option has been introduced in Set Finance Process Parameters to enable the user to record permanent revaluation or reversal methodology for Account Balance Revaluation as below.

Parameter Level → Company Level

Business Process → Book Keeping.

Category	Process Parameter	Permitted Values
Currency Revaluation	Reversal of Currency Revaluation for Account Balances	Enter: <ul style="list-style-type: none"> <li>• '0' for 'Required'</li> <li>• '1' for Not Required.</li> </ul>

Based on the option setting above, during Account Balance Revaluation, Reversal entry for Account Currency Revaluation on the first day of the next financial period will not be passed. If the option is set as '0' – Required, the Revaluation entry will be reversed the next financial period. If the option is set as '1' – Not Required, the revaluation entry will not be reversed, thus making it permanent entry.

New Accounting Usages - Account Currency Revaluation Gain/Loss is introduced and the Revaluation difference related to foreign currency **Account Balances** are posted to the account code mapped to pre-defined usage irrespective of permanent or temporary revaluation option above.



*Note that predefined usage is mapped to an account code which can be of type Expense or Revenue*

**Help on Usage** in the **Create Additional Account Definition** activity of the **Account Rule Definition**

business component, the pre-defined usages are displayed as follows:

"ACCRREVGN" and "ACCRREVLVS" are the new predefined usages introduced for Account Balance

Revaluation:

Gain: ACCRREVGN – Credit

Loss: ACCRREVLS – Debit

Predefined Usage ID	Usage Description	Account Code	Account Code Description
ACCRREVGN	Account Bal. Curr. Revaluation-Gain	Mapped Account Code to the predefined usage	Currency Revaluation Account for Gain
ACCRREVLS	Account Bal. Curr. Revaluation - Loss	Mapped Account Code to the predefined usage	Currency Revaluation Account for Loss

**Exhibit 1:**

**Set Finance Process Parameters of the OU Parameter Setup business component**

The screenshot displays the 'Set Finance Process Parameters' interface. Under 'Search Criteria', 'Parameter Level' is set to 'Company Level', 'Business Process' is 'Book keeping', and 'Category' is 'Currency Revaluation'. The 'Search Results' table is as follows:

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Book keeping	Currency Revaluation	Reversal of Currency Revaluation for Account Balances	Enter '0' for Required '1' for Not Required	0	Defined	
2							

A yellow callout box points to the first row with the text: "Newly added process parameters". A "Set Parameters" button is located at the bottom of the window.

## WHAT'S NEW IN ASSET CAPITALIZATION?

### Ability to Auto Create Asset Record upon GI

Reference: AHBG-19984, AHBG-20279

#### Background

Fixed Assets in an airline Company would be capitalized at a serial level. Since the volume of assets is huge, the requirement is to automate the capitalization process, upon receipt of Goods against a Capital PO. Similarly if there are any variance (if GI is the Capitalization reference), the asset record should be automatically amended.

Additional requirement is to capture all the set options related to automation of asset capitalization in one screen. Options are categorized into General and Asset Class level and these set options need to be captured and be defaulted during automation of asset capitalization.

#### Change Details

A new activity 'Set Asset Automation Options' with the sections 'Search Criteria' and 'Search Results' is added under the component 'OU Parameter Setup' to capture all the set options related to automation of asset capitalization. Automation of creating asset record is enabled by capturing all the mandatory information for auto capitalization of Asset records on Goods Acceptance and Auto Amendment of Asset record during authorization of Variance in Supplier Order Invoice.

The definition of the below mentioned process parameters under Category 'Asset Automation' has been made mandatory if the option "Allow Auto Capitalization of Capital Purchase Orders - General/Express" is set as Fresh/Authorized:

- Allow Auto mapping of Asset Tag to Part Serials.
- Auto default Part Description for Asset Description
- Auto default Serial # for Tag Description
- Default 'GR Acceptance Date' as 'In-Service Date' for document type 'Goods Inwards'
- Default 'Capitalization Date' for Document Type - Goods Inward with: (GI Acceptance Date)
- Default Numbering Type for Capitalization Voucher of Auto Generated Asset Records

The definition of the below-mentioned process parameters under Category 'Asset Automation' has been made mandatory if either of the option "Allow Auto Capitalization of Capital Item Invoice" (or) "Allow Auto Amendment of Variance in Supplier Order Based Invoice" is set as Fresh/Authorized:

- Default 'Invoice Date' as 'In-Service Date' for document type 'Supplier Order Invoice' and 'Item Invoice'
- Default 'Capitalization Date' for Document Type - Supplier Order and Item Invoice with: ('Invoice Date')

#### Asset Class Set Options

One of the below-mentioned options are required to be set as fresh / authorized while setting asset class level options:

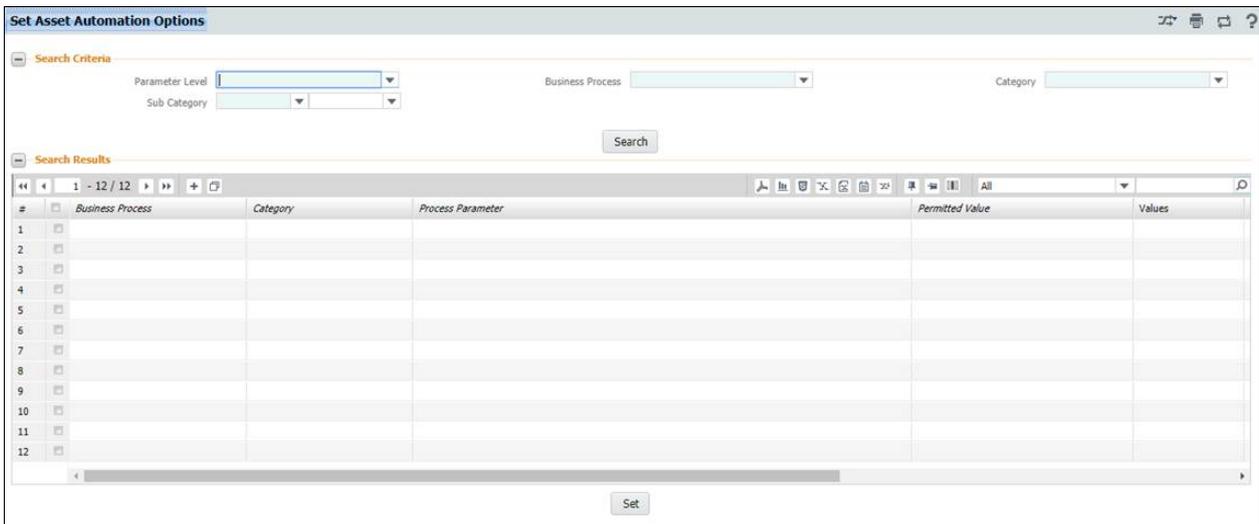
- Allow Auto Amendment of Variance in Supplier Order Based Invoice
- Allow Auto Capitalization of Capital Purchase Orders - General/Express

Following are the asset class level options and has to be defined for all the asset classes requiring automation.

- Allow Auto Capitalization/Amendment of Asset Record
- Default Asset Location Code
- Default Depreciation Category
- Default Asset Group Code
- % of Asset Cost to CME
- Default CME Depreciation Category
- Auto Create Asset-Tag at Part-Serial Level
- Always Generate Auto Amended Asset # with New Tag
- Default Salvage Value: % of Asset Cost
- Default Inventory Cycle

**Exhibit 1:**

**Set Asset Automation Option activity**



**Process Flow of Asset Automation**

Automation of Asset Record is enabled through Set Option – Set Asset Automation Options. User can choose to automate Asset Automation for different document types. Automation process involves collecting all the mandatory information for successful creation of Asset records that are retrieved by capturing at set options at generally and at asset class level mentioned above.

Find below the list of Mandatory Info which are captured from various sources:

1. Proposal # - the same is derived from Purchase Order
2. Capitalization date – captured from set option
3. In-Service Date - captured from set option
4. Cost Centre – from Proposal # mentioned in Purchase Order
5. Asset # - Automatically Generated
6. Asset Description - captured from set option
7. Tag # - Automatically Generated and regulated based on set option
8. Tag Description – captured from set option
9. Depreciation Category – default is captured from set option
10. Asset Group Code – default is captured from set option
11. Asset Location Code – default is captured from set option
12. Capitalization Amount – Amount is derived from the document

In background, all these information are gathered and processed. A background routine (scheduler) is introduced to run on timely basis to generate all the assets automatically based on this information gathered.

The auto generated assets will be available in the Authorize Asset Record for Authorization if the option is “Fresh”.

The Assets will be generated in Authorized status if the option is “Authorized”.

This routine will also automatically amend an Asset Record based on the MAT mapping of the Part Serials forming part of the GIs which are being invoiced with Variance.

The auto generated asset will be available in the View Asset Record screen.

## WHAT'S NEW IN REPORTS-BOOK KEEPING

### Ability to include future dated transaction in Account Ledger Report and Report on GL transactions based on option

Reference: AHBG-19413

#### Background

Companies incur many fixed or variable expenses like rent, telephone charges, electricity expenses and so on, throughout the year on a regular basis. These future dated entries are passed for accrual purposes as a Journal Voucher (prepaid expense knocking off). These future dated transactions cannot be seen in reports in our application. Therefore provision is required to enable these transactions in three reports namely, **Report on Journal Register, Report on GL Transactions** and **Report on Account Ledger**.

#### Change Details

- A new set option is introduced in the **Set Finance Process Parameters** for enabling future dated transactions in the below reports.
  - ✓ Report on Account Ledger
  - ✓ Report on Journal Register
  - ✓ Report on GL Transactions
- In the Search Criteria section of the above reports, if future dates are provided in the 'To Date', the future dated transactions will be included.

The following three parameters have been added:

SN.	Parameters	Parameter Values
1	Allow future dated transaction for Report on Account Ledger	Enter: <ul style="list-style-type: none"> <li>• '0' for 'No'</li> <li>• '1' for 'Yes'</li> </ul>
2	Allow future dated transaction for Report on Journal Register	Enter: <ul style="list-style-type: none"> <li>• '0' for 'No'</li> <li>• '1' for 'Yes'</li> </ul>
3	Allow future dated transaction for Report on GL transactions	Enter: <ul style="list-style-type: none"> <li>• '0' for 'No'</li> <li>• '1' for 'Yes'</li> </ul>

### Report on Account Ledger

- Future period to be loaded in the 'Financial Year' drop-down list box on setting the option 'Allow future dated transaction for Report on Account Ledger' is set as 'Yes' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.
- Future succeeding months to be loaded in the 'Financial Period' drop-down list box based on the future Financial Year selected.

#### **Example**

Financial Year combo loaded 01 Jan 2018 - 31 Dec 2018

Financial Period loaded with all the months of FY 2018

- Validation to restrict Future periods to be removed in the "To Date" field

### Report on GL Transactions

- Search based on future dates is allowed if the set option 'Allow future dated transaction for Report on GL transactions' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component is set as "Yes"



*Note: Postings will be in FBP unposted table for future dated transactions. When the future date approaches, a scheduler will run and that transaction will move to FBP posted table.*

### Report on Journal Register

- Future period to be loaded in the 'Financial Year' drop-down list box on setting the option 'Allow future dated transaction for Report on Journal Register' is set as 'Yes' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.
- Future succeeding months to be loaded in the 'Financial Period' drop-down list box based on the future Financial Year selected.

#### **Example**

Financial Year combo loaded 01 Jan 2018 - 31 Dec 2018

Financial Period loaded with all the months of FY 2018

- Validation to restrict Future periods to be removed in the "From Date" and "To Date" fields if the set option future dated transactions for Report on Journal Register is set as 'Yes' in the **Set Finance Process Parameters** activity of the **OU Parameter Setup** business component.

**Exhibit 1:**

**Set Finance Process Parameters** in the **OU Parameter Setup** business component under the **Finance Setup** business process

**Search Criteria**  
 Parameter Level: Company Level  
 Business Process: [Empty]  
 Category: [Empty]

**Search Results**

#	Business Process	Category	Process Parameter	Permitted Value	Value	Definition
1	Book keeping	Financial Calendar Closure	Allow Modification of Document Date for Open	Enter '0' for 'No' and '1' for 'Yes'	1	Not Defined
2	Book keeping	Organization Setup	Enable Financial Statements in other than Base Currency	Enter number of Currencies for 'Yes', '1' for 'No'	1	Not Defined
3	Book keeping	Organization Setup	Applicable currencies for financial statements in Other	Enter valid Currencies separated by Comma.	2	Not Defined
4	Book keeping	Organization Setup	Exchange Rate Type for conversion of Inventory	Enter a valid Exchange Rate Type		Not Defined
5	Book keeping	Journal Voucher	Allow Inter Company transactions in Journal Voucher	Enter 0 for No and 1 for Yes	0	Not Defined
6	Book keeping	Reports	Allow future dated transaction for Report on Journal	Enter 0 for No and 1 for Yes		Not Defined
7	Book keeping	Reports	Allow future dated transaction for Report on GL	Enter 0 for No and 1 for Yes		Not Defined
8	Book keeping	Reports	Allow future dated transaction for Report on Account	Enter 0 for No and 1 for Yes		Not Defined
9	Book keeping	Currency Revaluation	Reversal of Currency Revaluation for Account Balances	Enter '0' for Required '1' for Not Required	1	Defined
10	Fixed Asset		Allow Capex Proposal # from different Finance Book in	Enter '0' for 'No' and '1' for 'Yes'		Not Defined
11	Fixed Asset		Consider usage as on In Service Date for CME depreciation	Enter '0' for 'No' and '1' for 'Yes'		Not Defined
12	Payable Management	Supplier Direct Invoice	Allow Inter Company transactions in Supplier Direct Invoice	Enter 0 for No and 1 for Yes		Not Defined

**Category Dropdown:**  
 Asset Depreciation Processing  
 Asset Planning  
 Currency Revaluation  
 Customer Balance Adjustment  
 Customer Receipt  
 Financial Calendar Closure  
 Journal Voucher  
 Organization Setup  
**Reports**  
 Supplier Direct Invoice

**Callouts:**  
 - Yellow box: Newly added Reports (points to 'Reports' category in table)  
 - Yellow box: Newly added parameters (points to 'Currency Revaluation' category in table)

## Ability to extract Supplier & Customer document details with Tax Information

Reference: AHBG-21376

### Background

The requirement is to enable the user to extract Supplier and Customer Report with Tax Information at a line level. Thus the user will have brief knowledge on the tax, charge and discount added on a particular document including the tax level and its bifurcation.

### Change Details

- Additional columns have been added in the multiline of the Manage Reports screen in the Report Management business component as given below:

<u>View Name</u>	<u>View Type</u>
Line Level AP AR Report VAT Codes	Code – Report

- A new VAT report has been introduced that will launch with line level details including VAT, Charge and Discount.
- New input criteria – Parameters have been added as given below:

#### **Parameter Name**

1. Finance Book
2. Document Type
3. Date From
4. Date To
5. Document No. From
6. Document No. To
7. Account Code from
8. Account Code to
10. Trading Partner
11. Trading Partner #



*Note that the **Date From** is Mandatory.*



*In case of any mismatch in the input criteria provided, For Example if the Customer Code does not match with the other search criteria provided, the system will not launch the report.*

### Detailed Report

1. Organization Unit
2. Organization Unit Description
3. Company Code
4. Company Name

5. Finance Book
6. Doc. Type
7. Doc. #
8. Doc. Line #
9. Doc. Date
10. Accounting Usage
11. Account Code
12. Account Description
13. Expense (Additional Info.)
14. Transaction Currency
15. Transaction Amount
16. Exchange Rate
17. Base Amount
18. Vat Added?
19. VAT Account Code
20. VAT Account Code Description
21. VAT Level
22. VAT Code
23. VAT Description
24. VAT Variant
25. VAT Variant Description
26. VAT Rate
27. VA Table Amount
28. VAT Amount
29. VAT Currency
30. Cost Center
31. Cost Center Description
32. Analysis Code
33. Analysis Code Description
34. Sub Analysis Code
35. Sub Analysis Code Description
36. Authorized By
37. Authorized By
38. Trading Partner Type
39. Trading Partner #
40. Trading Partner Name
41. Order #/ Type
42. SWO #
43. AME #
44. Ref. Doc. Type
45. Ref. Doc. #
46. Charge Code
47. Amount (Charge)

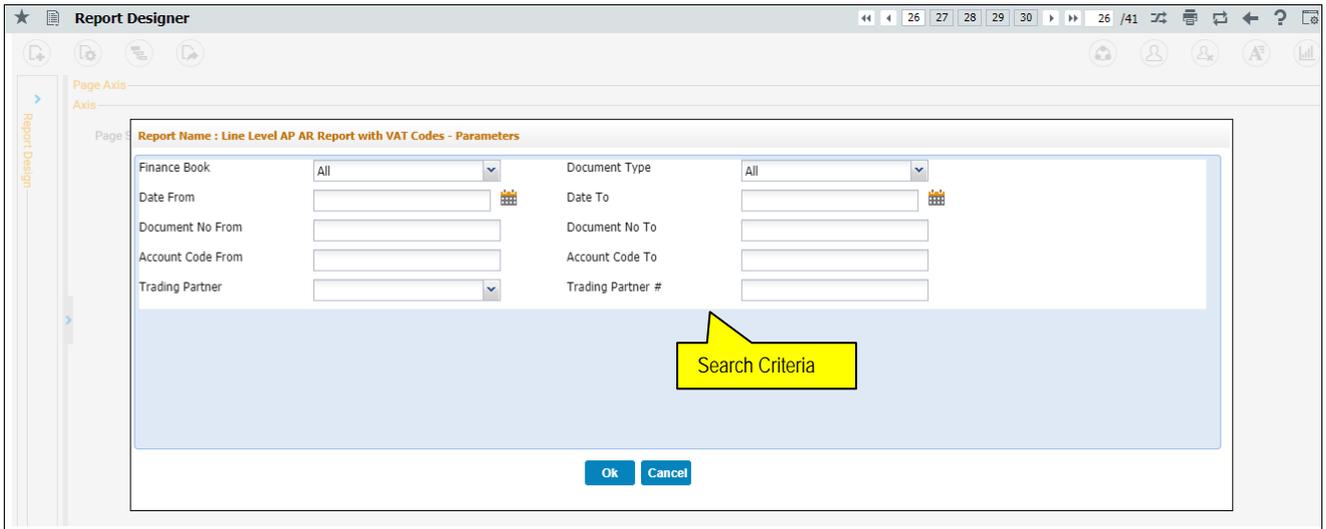
- 48. Discount Code
- 49. Amount (Discount)
- 50. VAT Account Code 1
- 51. VAT Account Code 2 Description
- 52. VAT Level1
- 53. VAT Code 1
- 54. VAT Description 1
- 55. VAT Variant 1
- 56. VAT Variant Description 1
- 57. VA Table Amount 1
- 58. VAT Amount 1
- 59. VAT Currency 1

**Exhibit 1:**

**Manage Reports activity in the Report Management business component of the Report business process**

#	Report Name	Description
16	Compensation Plan Monitoring Report-Analyze	Compensation Plan Monitoring Report-Analyze
17	Cost Budget Revision	Cost Budget Revision
18	Detailed - Report	Detailed - Report
19	EFB_Exception_Report	EFB_Report
20	Exception - Report	Exception - Report
21	GL Transaction ARI Report	GL Transaction ARI Report
22	Goods Inward Report	Goods Inward Report
23	inputvatprt-Analyze	
24	Inventory Detail Report	Inventory Detail Report -ARI
25	Invoice Listing Report	Invoice Listing Report
26	Line Level AP AR Report with VAT Codes	Line Level AP AR Report with VAT Codes
27	NSD_NSV_Escalated_Task_Report	NSD_NSV_Escalated_Task_Report
28	POMIS_PO_Status_Report-prep_pomis_postsmit_dtl_ttx-Analyze	
29	Procure_To_Pay	Procure_To_Pay
30	Report of Sale Invoice	Report of Sale Invoice

**Exhibit 2:**  
**Report Designer screen in the DW Report Configuration**



**Exhibit 3:**  
**Report output in the Report Designer screen in the DW Report Configuration**

Transaction Amount	Exchange Rate	Base Amount	VAT Added?	VAT Account Code
2008.70	1.00	2008.70	Yes	CGST
839.48	1.00	839.48	Yes	203400
1300.87	1.00	1300.87	Yes	CGST
1200.00	1.00	1200.00	Yes	217000
500.00	1.00	500.00	Yes	217000
1000.00	1.00	1000.00	Yes	CGST
2000.00	1.00	2000.00	Yes	GSTINPUT
250.00	1.00	250.00	Yes	ZERORATEDGST
150.00	1.00	150.00	No	
6007.08	1.00	6007.08	Yes	CGST
384.46	3.57	1300.03	Yes	203400
3250.00	1.00	3250.00	Yes	CGST
1300.00	1.00	1300.00	Yes	203400
15600.00	1.00	15600.00	Yes	CGST

## Ability to Extract Trial Balance at Cost Centre, Analysis and Sub Analysis Code Level

Reference: AHBG-18623

### Background

The requirement is to provide the ability to extract Trial Balance at Cost Center, Analysis and Sub Analysis Code Level.

### Change Details

Two new input parameters have been added as follows:

Parameter Name	Mandatory	Parameter Value
Include Analysis # (Y/N)	No	<b>N</b>
Include Sub Analysis # ( Y/N)	No	<b>N</b>

The following new columns have been added in the Report:

- Analysis #
- Analysis Code Description
- Sub Analysis #
- Sub Analysis Description

This feature enables the user to extract Trial Balance at Cost Center, Analysis Code and Sub Analysis Code level for Account Codes with Account Group specified as either 'Expense' or 'Revenue'. Reports can be extracted based on the input specified by user in Analysis and Sub Analysis Code. If value specified is 'N', then report is generated based on Cost Centre only. If User want to extract report based on Analysis Code, then user need to specify 'Y' in 'Include Analysis # (Y/N) column and extract the same. Report can also be extracted at Sub Analysis Code level by specifying value as 'Y' in column 'Include Sub Analysis # (Y/N)'.

**Exhibit 1:**

**Execute View – Drill Down screen**

The screenshot shows the 'Execute View - Drill Down' interface. At the top, it displays 'View Name: Trail Balance By Cost Center' and 'Drill Down History: 1'. Below this are buttons for 'Show Drilldown Criteria', 'Re-Execute View', and 'View SQL'. The main area contains a table with the following columns: #, ANALYSIS, SubAnalysis, Comparison Date Balance, Period Budget, YTD Budget, Account Desc, Cost Center Desc, Analysis Description, and Sub A. The table lists various account types such as Freight Charges, Repair Cost Expense, Petty Cash, and Repair and Maint. Two yellow callout boxes highlight the 'ANALYSIS' and 'SubAnalysis' columns, stating 'New columns Analysis and Sub analysis added'. Another yellow callout box highlights the 'Analysis Description' and 'Sub A' columns, stating 'New columns Analysis Description and Sub analysis Description added'.

#	ANALYSIS	SubAnalysis	Comparison Date Balance	Period Budget	YTD Budget	Account Desc	Cost Center Desc	Analysis Description	Sub A
1						Freight Charges	1100 - EMC GENERAL		
2						Freight Charges	1800 - EMC PRODUCTION		
3						Repair Cost Expense			
4						Petty Cash			
5						Repair and Maint	1100 - EMC GENERAL		
6						Repair and Maint	1200 - EMC EIW HEALTH		
7						Repair and Maint	1800 - EMC PRODUCTION		
8						Repair and Maint	4510 - SCM CORE Logistics		
9						Repair and Maint	7410 - SG&A Executive		
10						BMO BLOCKED CAD			

## Ability to Extract User – Role – Activity - List

Reference: AHBG-21578

### Background

The requirement is to extract Report on Access Right listing information regarding the access right provided to individual users on the basis of their Role.

### Change Details

A new Dcube **Report of User – Role – Activity - List** has been introduced in the Dcube list. This helps in audit and analysis of the access rights provided to the various roles and users to the Business Components and activities.

### Search Criteria

Parameter	Mandatory
User Id	No
Role Name	No
Component Description	No
Activity Description	No
Report Type	Yes
Show Hidden Activity	No

### Columns in the User – Role – Activity - List Report

The following columns will be displayed in the User – Role – Activity - List report:

1. User Id: Id of the User
2. User Name: Name of the person to whom the above Id has been allocated
3. Role Name: Name of the role mapped to the User
4. Role Description: Description of the Role
5. Business Process: Logical grouping of Business Functions which are related for e.g. Payable Management is a Business Process
6. Component Name: Business Component is a logical grouping of Activities/ actions performed to carry out Business Functions.
7. Activity Description: It is a user interface or set of user interfaces which helps in carrying out the Business activities identified under Business Functions.
8. Report Date: Date on which the report is launched.
9. User Status: Status of the User (i.e. whether Active or Inactive)
10. Hidden Activity: If the activity is visible in Business Process Chain or not.

## WHAT'S NEW IN ACCOUNT GROUP?

### Ability to define overhead% to be charged on Material Cost

Reference: AHBG-20052

#### Background

Indirect / Overhead costs related to Inventory Management like handling charges, warehouse maintenance costs, etc., are required to be absorbed on maintenance jobs. Such costs are computed as a burden rate and added to material or labour costs for recovery analysis as well as for setting up competitive pricing for customer jobs. Some examples of overhead costs which can be burdened on to the Material Cost are; Cost of Buying Department, Cost of the Inventory Department, Cost of Production Control department and Inventory Handling Charges and so on. Based on these costs, a percentage is arrived at for applying the overhead costs on top of the Material Costs. Currently there is no provision in the application for recording overhead costs related inventory. Provision is required to define Overhead % to be charged on Material Cost for indirect expenses like Procurement cost, Freight charges, Packaging charges and so on.

#### Change Details

- A new activity **Maintain Overhead Rates for Material Costing** is introduced in the **Account Group** business component
- New set options have been introduced in Account Group → Set Options' for overhead application on Material Cost.
- Overhead % can be applied based on Part attributes and/or Order attributes based on the above set option in **Account Group**
- Multiple overhead % can be specified using the user defined Overhead Types.
- The Credit Account (Usage ID) for Overhead absorption is also collected for postings

**Exhibit 1:****Maintain Overhead Rates for Material Costing activity in Account Group business component**

#	Part Account Group	Part Group	Part Category	Event	Order Class	Order Category	Overhead Type	Overhead %	Usage Id	Cost Center	Analysis Code	Sub Analysis Code	Effective from
1				A/C Maint. Exe. Ref #			Administration	12.55	4523				19/Dec/2017
2				A/C Maint. Exe. Ref #			Administration	10.00	4523				19/Dec/2017
3				A/C Maint. Exe. Ref #			Administration	0.11	4523		A111	B111	21/Dec/2017
4				A/C Maint. Exe. Ref #			Administration	0.11	4523				21/Dec/2017
5				A/C Maint. Exe. Ref #			Administration	0.11	4523		1110	A100	21/Dec/2017
6				A/C Maint. Exe. Ref #			Electricity Charg...	5.00	4523				19/Dec/2017
7				A/C Maint. Exe. Ref #			Electricity Charg...	6.00	4523				19/Dec/2017
8				A/C Maint. Exe. Ref #			Electricity Charg...	99.99	4523				19/Dec/2017
9				A/C Maint. Exe. Ref #			Electricity Charg...	6.00	4523		A111	B111	21/Dec/2017
10				A/C Maint. Exe. Ref #			Electricity Charg...	99.99	4523		A111	B111	21/Dec/2017
11				A/C Maint. Exe. Ref #			Other Overhead	0.10	4523				19/Dec/2017
12				A/C Maint. Exe. Ref #			Other Overhead	0.10	4523		A111	B111	21/Dec/2017

**Search Criteria**

- The 'Search On' combo in 'Search Criteria' section will list with parameters 'Part Account Group', 'Part Group', 'Part Category', 'Event', 'Order Class', 'Order Category' and is defaulted with blank.
- 'Effective on' will be blank on screen launch. This field helps in searching the overhead definitions that are effective for the given Effective On date. If this field is left blank, it retrieves all the overhead definitions available.
- The 'Overhead Type' combo will list all the overhead types as defined in the Quick Code under the entity 'Material Costing Overhead Type' along with 'All', to facilitate search based on the overhead type.

**Overhead Rates**

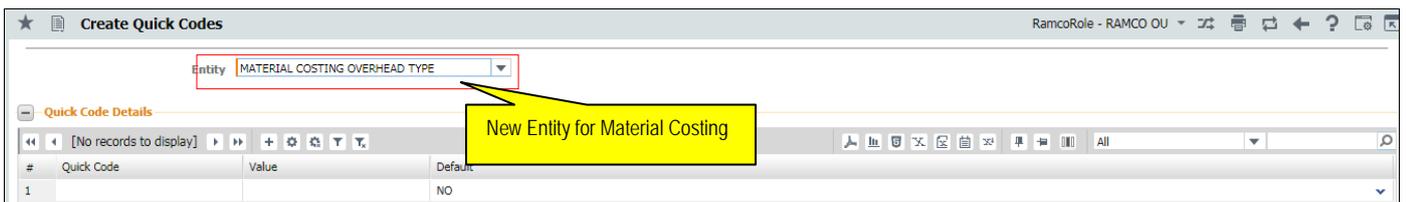
- Effective From Date will always display the current system date. This is the date from which the modifications to the already saved records will be effective.
- Part Account Group, Part Category, Order Category column in Overhead rates ML will load the active values from Part Master and will get loaded only if the value is set as '1' (Applicable) in Account Group - Set Options for Part Account Group.
- Part Group column in Overhead rates ML will load the active values from Part Master and with purpose 'Material Burden' and will get loaded only if the value is set as '1' (Applicable) in Account Group - Set Options for Part Group.
- Event column in Overhead rates ML will load 'A/C Maint. Exe. Ref #' and 'Shop Work Order' and will get loaded only if the value is set as '1' (Applicable) in Account Group - Set Options for Event.
- Order Class column in Overhead rates ML will load 'Internal' and 'External' and will get loaded only if the value is set as '1' (Applicable) in Account Group - Set Options for Order Class.
- Overhead Type combo will load all the overhead types defined in the quick code under the entity 'Material Costing Overhead Type' along with ALL.
- Overhead % column can have only numeric user entered value.
- Usage Id - 'Cr' posting for issue will be to the account code mapped to usage id and 'Dr' posting will be to 'Suspense' account as per the WIP policy (Maintenance Consumption / Suspense/WO Suspense)

along with Cost Center, Analysis Code, Sub Analysis Code for set of combination defined in set options.

- Effective To date column after modification of overhead % will display as Effective from Date minus one. The modified line will be saved with the new Effective From Date.
- The Created by and Created date columns will be updated with the username and date on date of creation.
- The Last Modified by and Last Modified date will be updated with the username and date of the user who modified the data.

**Exhibit 2:**

**New Quick Code Entity – ‘Material Costing Overhead Type’ in Quick Code master.**



**Exhibit 3:**

**Set options introduced for Material Costing in Account Group business component**

Process Parameter	Permitted Values
Overhead % applicability for Material Cost	Enter '0' for Not Applicable '1' for Applicable
Material Overhead cost reversal for Excess Returns	Enter '0' for Not Applicable '1' for Applicable
Overhead applicability basis for material cost - <b>Part Account Group</b>	Enter '0' for Not Applicable '1' for Applicable
Overhead applicability basis for material cost - <b>Part Group</b>	Enter '0' for Not Applicable '1' for Applicable
Overhead applicability basis for material cost - <b>Part Category</b>	Enter '0' for Not Applicable '1' for Applicable
Overhead applicability basis for material cost – <b>Event</b>	Enter '0' for Not Applicable '1' for Applicable
Overhead applicability basis for material cost - <b>Order Class</b>	Enter '0' for Not Applicable '1' for Applicable
Overhead applicability basis for material cost - <b>Order Category</b>	Enter '0' for Not Applicable '1' for Applicable

- Only if Overhead % Applicability for Material Cost is set as '1' (Applicable), other parameters can be defined else system will validate if other parameters are set as 'Applicable' and Overhead % applicability on Material Cost is set as 'Not Applicable'.
- Based on the Applicability of 'Part Account group', 'Part Group', 'Part Category', 'Event', 'Order Class', 'Order Category' in set options, the relevant Parameters will get loaded in 'Maintain Overhead Rates for Material Costing' screen.
- This set option for Parameters is one time Set option. If definition is done for a combination of 'Part Account Group', 'Part Group' and 'Event Combination' then none of these parameters can be set as 'Not Applicable' later. However, it can be extended with a new parameter which is not being used earlier.

**Inventory Process:**

- On Issue of Parts to AME/SWO, Overhead cost will be computed and added to Issue cost of WO

- ✓ OH will be applicable for Non-Returnables, Returnables and Core-returnables
- ✓ Not applied on Main core issue
- On Excess Return of parts, Overhead cost will be recomputed and added to Return cost based on the set option
- Issue/ Return screen will display only the original Part cost.

**AME/SWO:**

- On AME/SWO closure, Material consumption booking will be based on current logic:
- Issue cost – Return cost [Issue and Return cost includes Overhead cost]

**Accounting Entries for Part Issue and Excess Return**

Transaction	Entity	Dr.	Cr.	Amount
Parts Issue	Part Cost	WO / Maint. Susp. / CWIP/Consumption/COSR	Stock Account	xxxx
Part Issue	Overhead Cost	WO / Maint. Susp. / CWIP/Consumption/COSR	Usage ID	xxxx
Excess Return	Part Cost	Stock Account	WO / Maint. Susp. / CWIP/Consumption/COSR	xxxx
Excess Return	Overhead Cost	Usage ID	WO / Maint. Susp. / CWIP/Consumption/COSR	xxxx

## Ability to apply Overhead % on General Issue, Packslip Issue, Unplanned Issue and Part Sale Issue

Reference: AHBG-23213

### Background

Indirect / Overhead costs related to Inventory Management like handling charges, warehouse maintenance costs, etc., are required to be absorbed on maintenance jobs. Such costs are computed as a burden rate and added to material or labour costs for recovery analysis as well as for setting up competitive pricing for customer jobs. Some examples of overhead costs which can be burdened on to the Material Cost are; Cost of Buying Department, Cost of the Inventory Department, Cost of Production Control department and Inventory Handling Charges and so on. Based on these costs, a percentage is arrived at for applying the overhead costs on top of the Material Costs.

Currently, material cost burdening has been enabled for Issue and Return documents of AME and SWO. The business requirement is to extend and enable the material cost burdening for General Issue, Packslip Issue, Unplanned Issue and Part Sale Issue. This enhancement provides the ability to define Overhead % on General Issue, Packslip Issue, Unplanned Issue and Part Sale Issue.

### Change Details

#### Account Group

- Four new drop-down values such as 'General MR', 'Packslip', 'Unplanned Issue' and 'Part Sale Order' are added in the 'Event' field in the 'Overhead Rates' multiline of the **Maintain Overhead Rates for Material Costing** activity of the **Account Group** business component along with other values.



*Note: The 'Event' drop-down list box loads these values only if the set option 'Overhead Applicability basis for Material Cost – Event' is set as 'Applicable' in the **Set Options** activity of the **Account Group** business component.*

- The parameters applicable for these additional events are:
  - Part Account Group
  - Part Group
  - Part Category
  - Order Category



*Note: The 'Order Class' parameter is not applicable for all the four events and 'Order Category' parameter is not applicable for 'General MR' and 'Unplanned Issue'.*

- Computation on Excess Return will be based on the set option 'Material Overhead Cost reversal for Excess Returns' defined in the **Set Options** activity of the **Account Group** business component.



*Note: The computation of excess return for general return will be based on general issue.*

- In the 'Search on' drop-down list box in the 'Search Criteria' section,
  - If the value 'Event' is selected, then the values 'General MR', 'Packslip', 'Part Sale Order' and 'Direct/Unplanned Issue' gets loaded along with the previously existing values in the adjacent field.
  - If the value 'Order Category' is selected, the system lists the following values along with the

previously existing values:

- All the 'Active' Category codes defined under the Entity 'Part Sales', Category Type 'Part Sales Order Category' in the **Maintain Category Codes** activity of the **Category** business component.
- All the 'Active' quick codes defined under Quick Code Type 'Packslip Category' in the **Create Quick Codes** activity of the **Packslip** business component.

**Exhibit 1:** Identifies the **Maintain Overhead Rates for Material Costing** screen in **Account Group** business component.

The newly added four events, Packslip Issue, Part Sale Issue, Part Sale Order and unplanned issue gets loaded

Four events loaded additionally

#	Part Account Group	Part Group	Part Category	Event	Order Class	Order Category	Overhead Type	Overhead %	Usage Id	Cost Center	Analysis Code	Sub Analysis Code	Effective from
1				Shop Work Order			Administration	13.00	130000				19/12/2017
2				A/C Maint. Exe. Ref				0.20	4523				01/01/2018
3				Direct/ Unplanned Is				0.90	4523	1100	99900		19/12/2017
4				General MR				1.00	4523	1100	99900		20/12/2017
5				Pack Slip			Other Overhead	0.30	4523				01/01/2018
6				Part Sale Order			Rent - Floor	0.10	4523				01/12/2017
7			OTHERS	Shop Work Order			Administration	0.90	4523	1100	99900		19/12/2017
8			OTHERS	Shop Work Order			General	0.90	4523	1100	99900		19/12/2017
9	Consumables		10001	A/C Maint. Exe. Ref #		1-Repair	Administration	1.00	4523				14/06/2018
10	Consumables		10001	Pack Slip			Administration	0.01	4523				13/06/2018
11	Consumables		10001	Part Sale Order		PO02	General	2.00	4523				14/06/2018
12	Consumables		10001	Part Sale Order		PSO	General	1.00	4523				03/07/2018

Save

**Reports**

- Break-up of Overhead Cost is maintained at Overhead type level.
- Report will be provided for Material cost break-up with overhead details.
- General Issue, Packslip Issue and Part Sale Issue will also form part of this report.

**Exhibit 2:** Identifies the **Material Overhead Cost Break-Up Execute View –Drill Down Report.**

★ **Execute View - Drill Down** RamcoRole - RAMCO OU

View Name: Material Overhead Cost Break-Up View Type: Adhoc

**Drill Down History:1**

Show Drilldown Criteria Re-Execute View View SQL

#	Line No	Part No	Part Description	Quantity	Amount	Overhead Type	Overhead Percentage	Overhead Cost	Usage Id
1	02	1 08854-42:P6356	TRAY CLEANER	5.00	500,000.00	Electricity Charges	4.00	20,000.00	4523
2	02	1 08854-42:P6356	TRAY CLEANER	5.00	500,000.00	Electricity Charges	5.00	25,000.00	4523
3	02	1 08854-42:P6356	TRAY CLEANER	5.00	500,000.00	General	10.50	52,500.00	4523
4	03	1 08854-42:P6356	TRAY CLEANER	3.00	200,100.00	Administration	2.00	4,002.00	4523
5	03	1 08854-42:P6356	TRAY CLEANER	3.00	200,100.00	Electricity Charges	4.00	8,004.00	4523
6	03	1 08854-42:P6356	TRAY CLEANER	3.00	200,100.00	Electricity Charges	5.00	10,005.00	4523
7	03	1 08854-42:P6356	TRAY CLEANER	3.00	200,100.00	General	10.50	21,010.50	4523
8	02	1 08854-42:P6356	TRAY CLEANER	5.00	500,000.00	Administration	2.00	10,000.00	4523
9	26	1 08854-42:P6356	TRAY CLEANER	1.00	100,000.00	General	10.50	10,500.00	4523
10	26	1 08854-42:P6356	TRAY CLEANER	1.00	100,000.00	Electricity Charges	5.00	5,000.00	4523

[Chart Settings](#)

## WHAT'S NEW IN COST BUDGET?

### Ability to record cost budget at a Finance Book level

Reference: AHBG-15643

#### Background

Currently, with respect to recording cost budget, the Actuals are recorded at Finance Book Level where as Budget is captured at Company level.

The requirement is to bring in a more precise calculation of actual and budgeted variance. Therefore a parity among the actual and budget is required. This calls for recording cost budget at finance book level.

This feature also enables the user to define the rates for Operating Charges – Usage at the location level.

#### Change Details

1. In the **Create Budget Header** activity of the **Cost Budget** business component under the **Management Accounting** business process the following changes have been made:
  - a) Two new fields have been introduced:
    - Budget Level
    - Finance Book
  - b) A new column **Finance Book** which will be loaded based on budget level has been introduced in the 'Budget Details' multiline  
Validation has been given to ensure that Cost Element belongs to Finance Book  
The 'Definition Type' in the header indicating the budget definition has been made display only
2. In the **MAC Budget Vs Actual screen** in the **EDK- Reports Management Accounting** business component under the **Management Accounting** business process a new field 'Finance Book' has been added in order to enable extraction of reports for Finance Book
3. In the **Generate Reports** activity of the **Reports – Management Accounting** business component under the **Management Accounting** business process provision has been made to generate report based on budgeted values against a Finance Book. Therefore an additional item of Finance Book will be displayed in the Report.

**Exhibit 1:**

**Create Budget Header** page in the **Create Cost Budget** activity of the **Cost Budget** business component under the **Management Accounting** business process

The screenshot shows the 'Create Budget Header' form. It contains several input fields and dropdown menus. A red box highlights the 'Budget Definition At' field, and a yellow callout box points to it with the text: 'New field 'Budget Definition At' added'.

**Exhibit 2:**

**Create Budget Details** page of the **Create Cost Budget** activity of the **Cost Budget** business component under the **Management Accounting** business process

The screenshot shows the 'Create Budget Details' page. It includes a table with the following columns: #, Finance Book, Cost Center / Unit, Cost Element, Analysis #, Sub Analysis #, and Item Code. A red box highlights the 'Finance Book' column. A yellow callout box points to the 'Budget Definition At' field in the top right with the text: 'New display-only field 'Budget Definition At' added'.

**Exhibit 3:**

**Edit Budget Header** page in the **Edit Cost Budget** activity of the **Cost Budget** business component under the **Management Accounting** business process

**Budget Details**

Budget No.      Version No.      Status

Description      Aggregate / Period      Definition Type

Budget Type      Budget Org Unit      Responsibility

Org Unit      Effective Date      Expiry Date

Budget Definition At      Budget Category

**Cost Center / Unit**

Cost      Cost Center From      To

**Cost Element**

Cost Element From      To

**Accounting Period**

Accounting Period From      To

**Increase / Decrease Details**

Percentage Increase or Decrease      Budget Type

From Period      To Period

**Edit Options**

Details      Increase / Decrease

Save

Edit Budget Details

**Exhibit 4:**

**Edit Budget Details** page of the **Edit Cost Budget** activity of the **Cost Budget** business component under the **Management Accounting** business process

**Budget Details**

Budget No.      Version No.      Status

Description      Aggregate / Period      Definition Type

Budget Type      Budget Org Unit      Org Unit

Responsibility      Effective Date      Expiry Date

Budget Definition At

**Budget Details**

#	Finance Book	Cost Center / Unit	Cost Element	Analysis #	Sub Analysis #	Item Code
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Edit      Edit And Authorize

Attach Notes

**Exhibit 5:**

**Amend Budget Header** page of the **Ament Cost Budget** activity of the **Cost Budget** business component under the **Management Accounting** business process

The screenshot shows the 'Amend Budget Header' form with several sections: Budget Details, Cost Center / Unit, Cost Element, Accounting Period, Increase / Decrease Details, and Edit Options. A yellow callout box highlights the 'Budget Definition At' field in the Budget Details section, indicating it is a new field.

**Exhibit 6:**

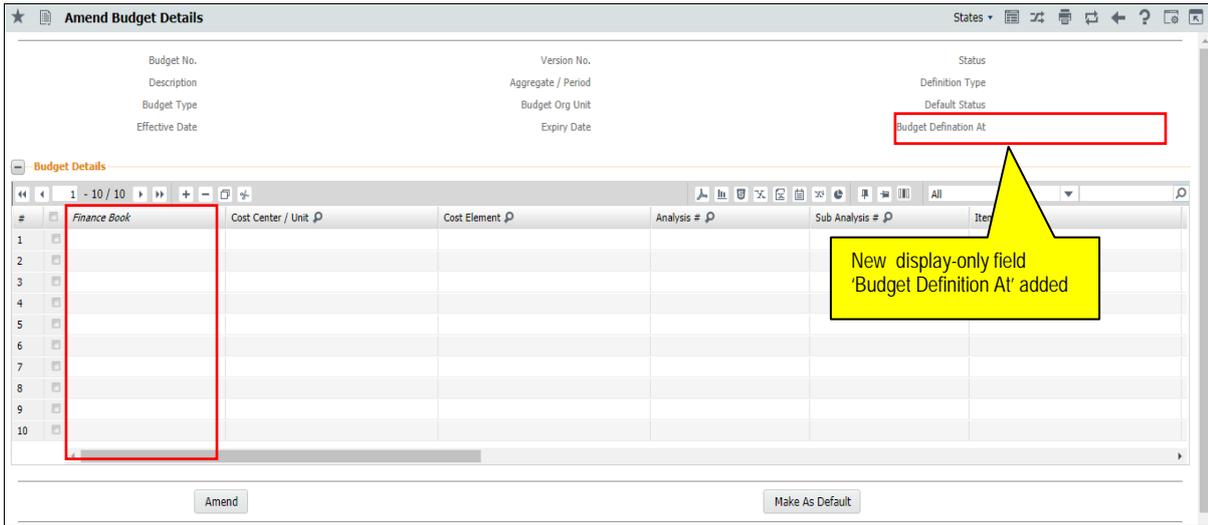
**Amend Budget Details** page of the **Ament Cost Budget** activity of the **Cost Budget** business component under the **Management Accounting** business process

The screenshot shows the 'Amend Budget Details' table with columns: Finance Book, Cost Center / Unit, Cost Element, Analysis #, and Sub Analysis #. A red box highlights the 'Budget Definition At' column header, and a yellow callout box indicates it is a new display-only field.

#	Finance Book	Cost Center / Unit	Cost Element	Analysis #	Sub Analysis #
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

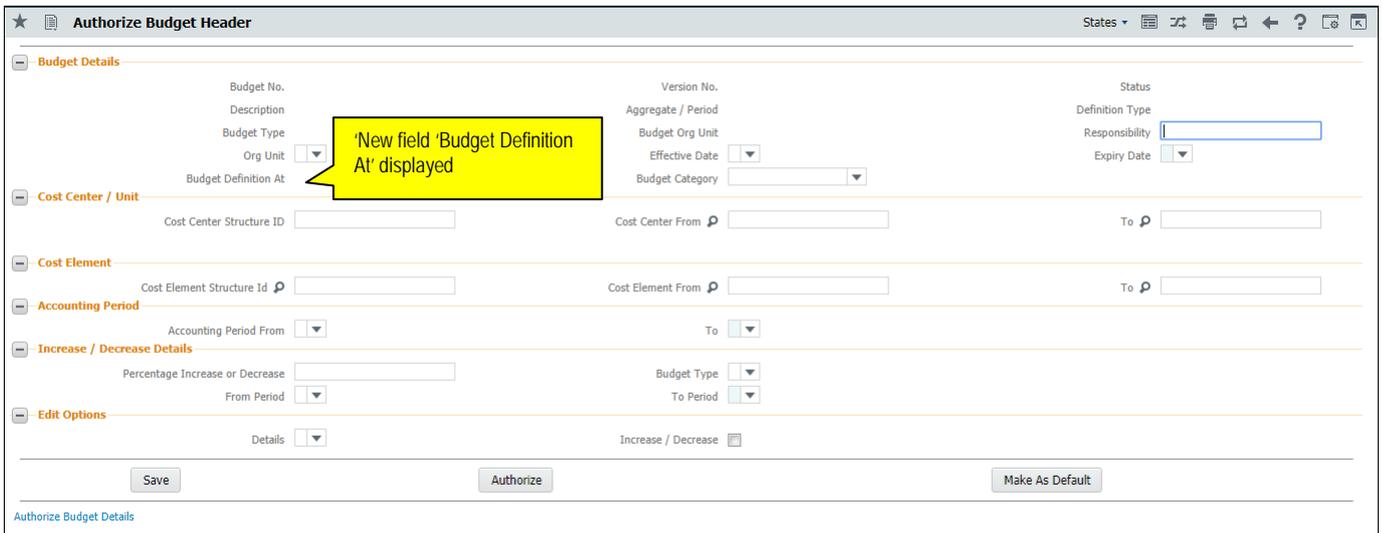
**Exhibit 7:**

**Amend Budget Details** page of the **Ament Cost Budget** activity in the **Cost Budget** business component under the **Management Accounting** business process



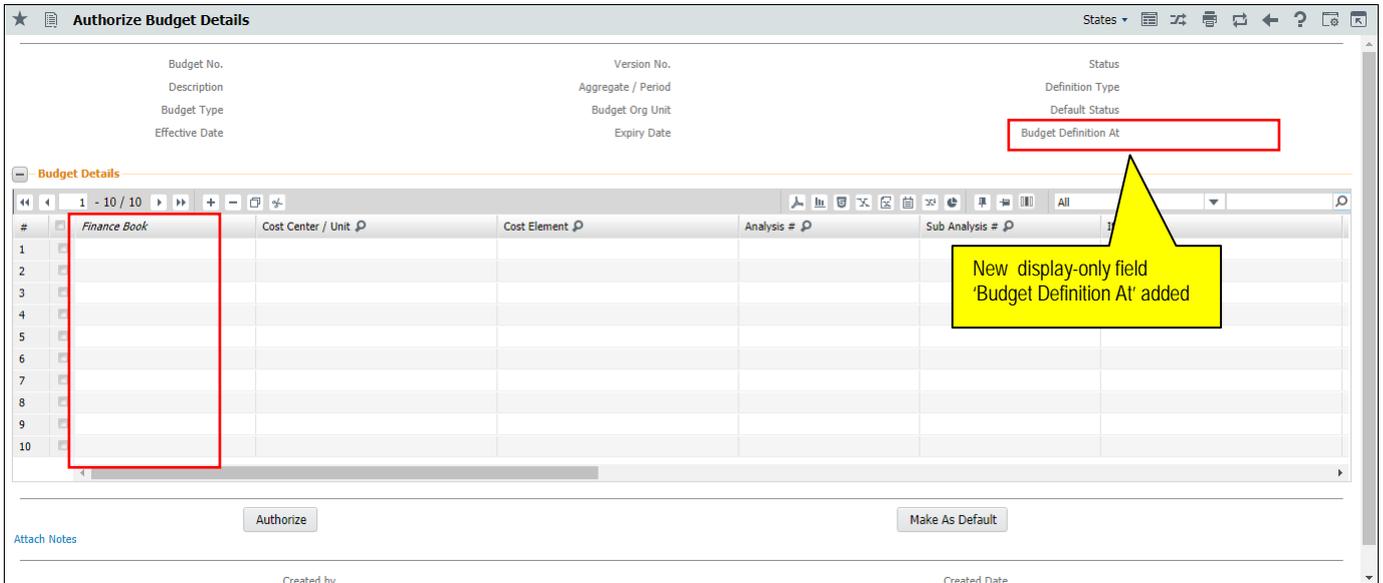
**Exhibit 8:**

**Authorize Budget Header** page in the **Authorize Cost Budget** activity of the **Cost Budget** business component under the **Management Accounting** business process



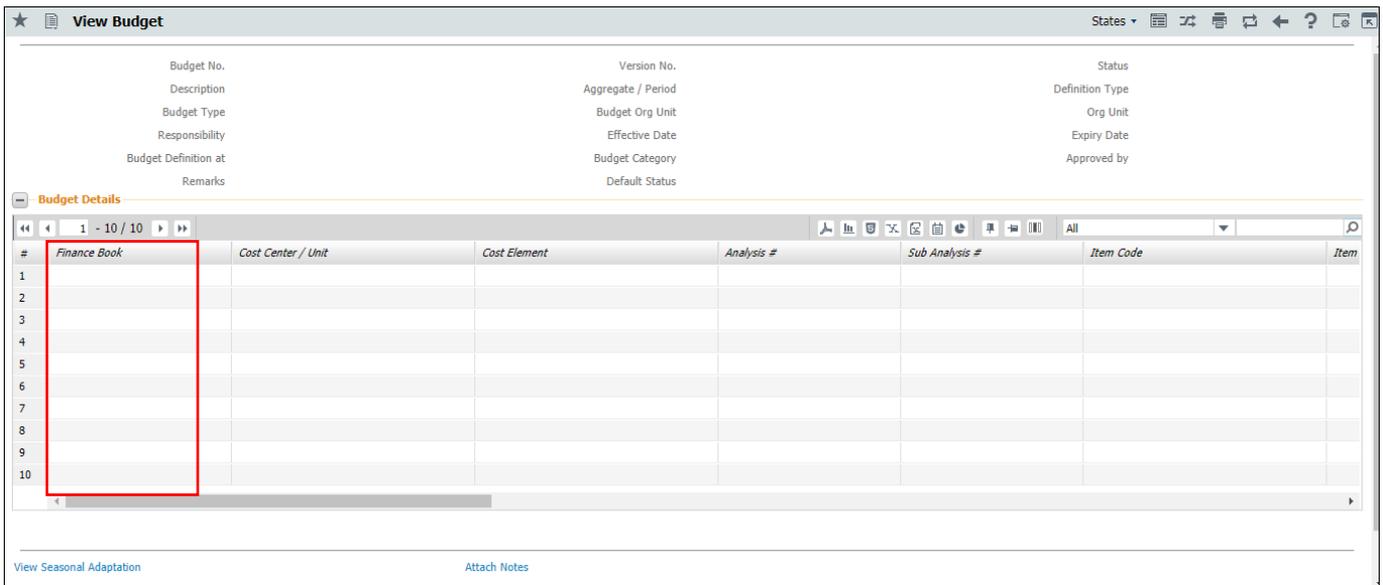
**Exhibit 9:**

**Authorize Budget Details** page of the **Authorize Cost Budget** activity of the **Cost Budget** business component under the **Management Accounting** business process



**Exhibit 10:**

**View Budget** page of the **View Cost Budget** activity in the **Cost Budget** business component under the **Management Accounting** business process



**Exhibit 11:**

**MAC Budget Vs Actual Report** activity of the **EDK Reports – Management Accounting** business component under the **Management Accounting** business process

MAC Budget Vs Actual Report

Budget Type: Cost Center

Budget No.: 101

Effective Date: 2011-01-01

Cost Center/Unit From:

Cost Element From:

Analysis Code From:

Sub Analysis Code From:

Finance Book: [Dropdown]

Version No.:

Expiry Date: 2017-12-31

To:

To:

To:

To:

Print

**Exhibit 12:**

**MAC Budget Vs Actual Report** activity of the **Cost Budget** business component under the **Management Accounting** business process

Aviation Services Inc.  
TEST CT  
Statement for the period Ending  
30 Sep 2017

CE Structure:	TEST CT	/ CC structure:	000000001 - Avia	/ Cost Center:	1100	Finance Book:	All
Particulars	test						
Wages							10,000.00

**Exhibit 13:**

**Aviation Partnership** activity of the **Cost Budget** business component under the **Management Accounting** business process

Aviation Services Inc.									
Budget Vs Actual Report									
Period from January 2011 to DEC									
Budget No:	budreport2		Version No:	1		Budget Definition Type:	Cost Center	Finance Book:	ALL
Cost Center	Description	Cost Element	Description	Actual Amount	Budget Amount	Variance	Variance %		
1100	1100 - EMC GENERAL MANAGER			0.00	0.00				
1200	1200 - EMC ENV HEALTH AND SAFETY			0.00	0.00				

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