

RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.8.3

Sales

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WHAT'S NEW IN CATEGORY AND CUSTOMER?

Ability to define Tax Regions for various addresses provided in Customer Master

Reference: AHBG-12272

Background

This feature has been enabled in the **Category** and **Customer** business components in order to have a provision to define Tax Regions for various addresses for GST identification.

Change Details

1. For selection of address category, an 'Address Category' option has been added as follows in the **Maintain Category Codes** activity of the **Category** business component in the **Sales Setup** Business Process.
2. Two new columns has been introduced in the 'Address ID Details' multiline in the **Create Customer Record** screen of the **Customer** business component in the **Sales Setup** business process as follows:
 - a. **Tax Region** – To list all the region codes defined in the Quick Codes activity – Finance Setup
 - b. **Address Category** - All the 'active' category codes defined under 'Address category' type in the category master
3. The 'Tax Region' and 'Address Category' columns have also been added in the **Edit Customer Main Information** link page > **Select Customer** page > **Edit Customer Record** activity > **Customer** Business Component > **Sales Setup** Business Process
4. The 'Tax Region' and 'Address Category' columns have also been added in the **View Customer Main Information** link page > **Select Customer** page > **View Customer Record** activity > **Customer** Business Component > **Sales Setup** Business Process

Link addition

The **Maintain Entity Level Identification Ref.** link has been added in the screens to record the supplier's tax registration number at a tax region level.

- Create Customer Record
- Edit Customer Main Information
- Edit Commercial Details
- View Customer Record
- View Commercial Information

Exhibit 1:

Maintain Category Codes activity in the Category business component

Search Criteria

Entity: Common

Category Type: Address category

Status: Active

Category Code: []

Category Desc.: []

Search

#	Entity	Category Type	Category Code	Description	Status	Created by	Created Date	Last Modified by	Last Modified Date
1	Common	Address category	ADD1	add1	Active	DMUSER	17/Apr/2017		
2	Common	Address category	ADD2	add1	Active	DMUSER	17/Apr/2017		
3	Common	Address category	Add3	add3	Active	DMUSER	18/Apr/2017		
4	Common								

Exhibit 2:

Create Customer Record activity in the Customer business component

Customer Details

Trade Regulatory Compliance

Copy Details

Address Information

Additional Details

Commercial Information

Address ID Details

[No records to display]

#	e	ISO Country #	Tax Region	Address Category	Phone	E-Mail
1						

Document Attachment Details

Customer Remarks

Create Customer

Edit Payment Receipt Details | Edit Commercial Details | Edit Sales Point Details | Manage Additional Options

Edit Customer Part Master List | Edit Customer Tax & Charges Information | Edit Customer Additional Information

Exhibit 3:

Edit Customer Record activity in the Customer business component

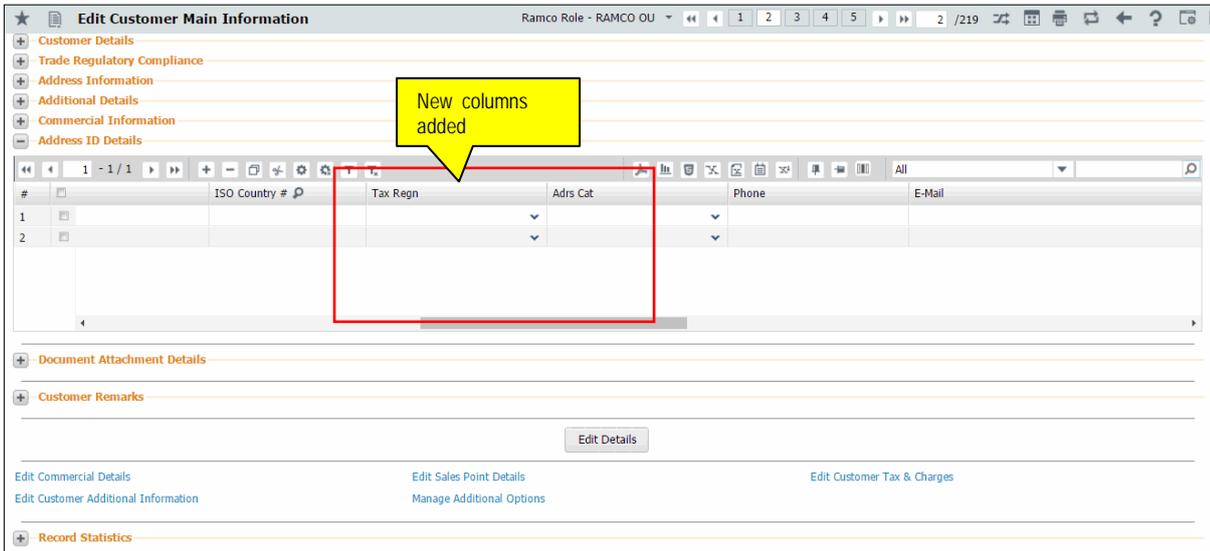
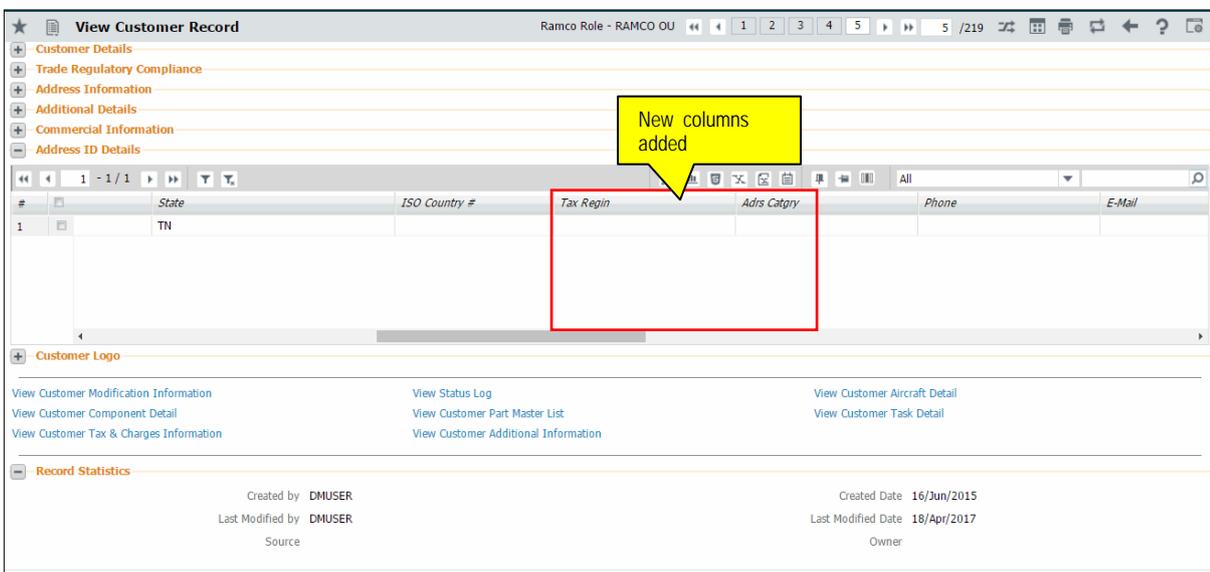


Exhibit 4:

View Customer Record activity in the **Customer** business component



Ability to define default Tax for Customers based on the From Tax Region and To Tax Region for various Part / Service Groups

Reference: AHBG-13877

Background

With the revised taxation policies in India, there is a need for MROs to apply GST in their invoices based on the region in which they provide the service. This enhancement is to enable the user to define this tax and apply it in invoices.

The user will be able to define the Indian GST taxes against various regions for all part sale and service transactions and auto-inherit these GST taxes into any invoice raised to a customer for the provided service. Once the master definition of Taxation has been setup, the system drives the invoicing process by automatically identifying the From and To Tax Regions from the Reference Documents.

Change Details

In order to define default Taxes for various transactions against each Customer Group new fields have been introduced in 'Sales Tax Rules' multiline

1. **Sales Setup** business process > **Sales Tax Rules** business component > **Manage Sales Tax Rules** activity

The 'Source of Revenue' field has been renamed as 'Document Type' in which the following values are listed:

- Part Sale Invoice
- Customer Service Invoice
- Customer Prepayment Invoice
- Stock Transfer Issue



Note: The taxes defined here will be applied in Invoices against respective Orders.

Exhibit 1:

Manage Sales Tax Rules activity of the **Sales Tax Rules** business component in the **Sales Setup** business process

The screenshot displays the 'Manage Sales Tax Rules' interface. At the top, there are search criteria fields for Customer Group, Station, Delivery Area, Invoice Category, Part/Service Group, and Shipping Warehouse. A 'Search' button is located below these fields. The main area contains a table with the following columns: #, Invoice Category, Shipping Warehouse, Delivery Area, Part/Service Group, Station, From Tax Region, and To Tax Region. The table lists 10 rows of data. A yellow callout box with a speech bubble points to the 'From Tax Region' and 'To Tax Region' columns, containing the text: 'Tax can be defined with respect to From and To'. A 'Save' button is visible at the bottom of the table.

#	Invoice Category	Shipping Warehouse	Delivery Area	Part/Service Group	Station	From Tax Region	To Tax Region
1			Quebec				
2			Alberta				
3			Manitoba				
4			Alberta				
5			Saskatchewan				
6			British Columbia				
7			Newfoundland and lab				
8			Ontario				
9			Ontario				
10			Ontario				

1. **Receivables Management** business process > **Customer Service Invoice** business component > **Manage Invoice** activity

On generation of a Customer Service Invoice / Prepayment or Direct Prepayment Invoice, the GST rules applicable will be inherited in the Invoices. This inheritance of taxes are driven automatically in each Invoice with some basic parameters.

For a Customer Service Invoice

The eligible taxes for a Customer Service Invoice are identified and retrieved automatically based on the Station of the primary Work Center of a given Customer Order, which is considered as the 'From Tax Region' and the 'Bill to Customer Address', which is considered as the 'To Tax Region'. The tax would automatically be defaulted in the **T/C/D** tab in the invoice with the Line # of Customer Order from **Release Info.** tab as reference.

Similar to Regular Service Invoice, the taxes can also be evaluated for a Customer Order based Prepayment Invoice. The tax regions are considered the same way as that of Customer Service Invoice.

For Direct Pre-payment Invoice

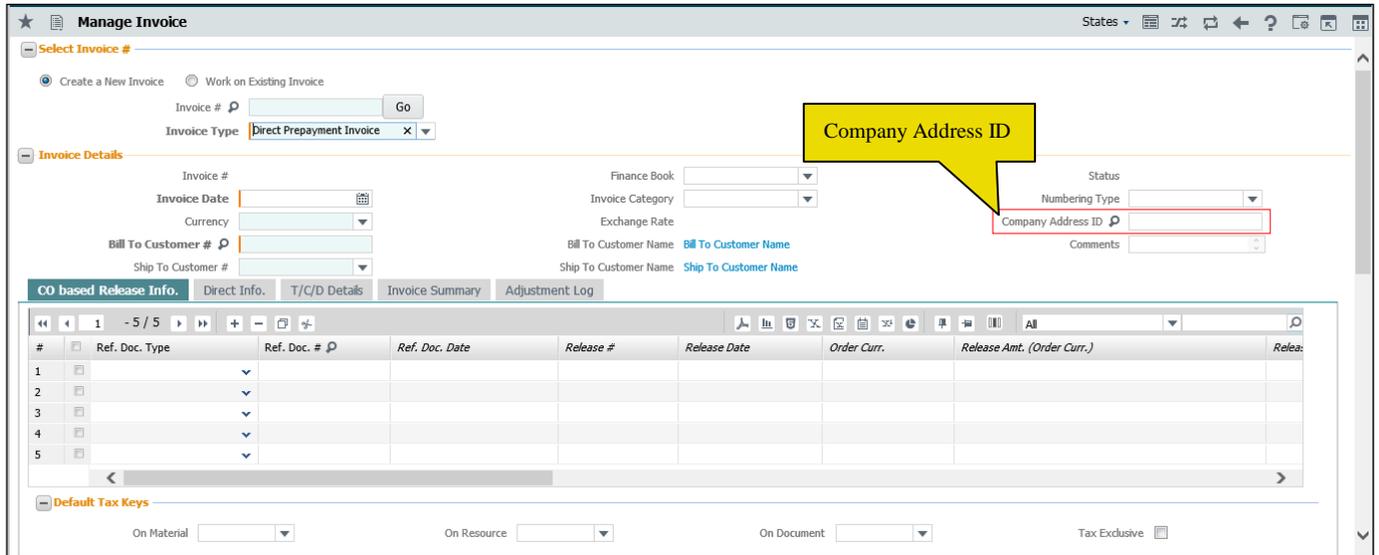
For a Direct Prepayment Invoice, since there will be no reference document, as Order, there is no way to obtain the 'From Tax region' based on the primary work center. Hence, in case of a direct prepayment invoice, the 'Address ID' mapped to the default Finance Book of the company is considered as the 'From Tax Region'. The Bill-to-Customer address would still remain as the 'To Tax Region'. All taxes retrieved in this case would only be applied at the Invoice level and not at individual line reference level.

Modification of Bill to Customer or Address ID in Invoice

Once the taxes have been inherited on Invoice generation, these will further not be automatically modified based on any changes done to the 'Bill-to-Customer' or 'Address ID'. The user will have to manually make the required changes.

Exhibit 2:

Manage Invoice activity of the **Customer Service Invoice** business component in the **Receivables Management** business process



Provision to define various operational parameters against a customer record

Reference: AHBG-7999

Background

Currently, option settings for various customer transactions are captured as part of the **Set Sales Process Parameters** screen, under the **Customer** business component. These parameters are seen, more as an organizational level settings which would not vary from one customer to another. But, there are instances where some attributes of a transaction can be varied between customers. A simple example would be to set different numbering types for the same type transactions for different customers.

Change Details

A new screen has been introduced to enable definition of parameters at Customer Record level.

The screen has been positioned as a link from the following screens: **Create Customer Record, Edit Customer Record, Edit Customer Main Information** and **Edit Sales Point Information**.

The screen is currently provided with parameters for two transactions that are listed in the 'Category' combo;

- Procurement for Customer
- Customer Stock Valuation
- Customer Part Usage

Procurement for Customer

The various parameters under the Category 'Procurement for Customer' is shown in the screenshot below.

If the parameter 'Parts purchase on behalf of Customer' is set as '1' for 'Required' then the other parameters must also be defined, where the permitted values are valid numbering types defined and mapped against the corresponding transactions.

Exhibit 1:

'Procurement for Customer' category in the **Manage Additional Options** page in the **Edit Customer Record** activity of the **Customer** business component

#	Category	Parameter	Permitted Values	Value	Error Message	Created by
1	Procurement for Customer	Parts purchase on behalf of Customer	Specify '0' for 'Not Required' and '1' for 'Required'			
2	Procurement for Customer	Default numbering type for Purchase Request	Specify a valid numbering type applicable for Purchase Request transaction			
3	Procurement for Customer	Default numbering type for Auto Purchase Request	Specify a valid numbering type applicable for Purchase Request transaction			
4	Procurement for Customer	Default numbering type for Purchase Order	Specify a valid numbering type applicable for Purchase Order transaction			
5	Procurement for Customer	Default numbering type for Goods Inward Document	Specify a valid numbering type applicable for Goods Inward transaction			
6	Procurement for Customer	Default numbering type for Exchange Issue	Specify a valid numbering type applicable for Exchange Issue transaction			
7	Procurement for Customer	Default Sourcing option for Customer stock demands	'0' for On behalf Procurement, '1' for Customer goods procurement			
8	Procurement for Customer	Billability of on behalf procurement	'0' for Yes, '1' for As required			
9						

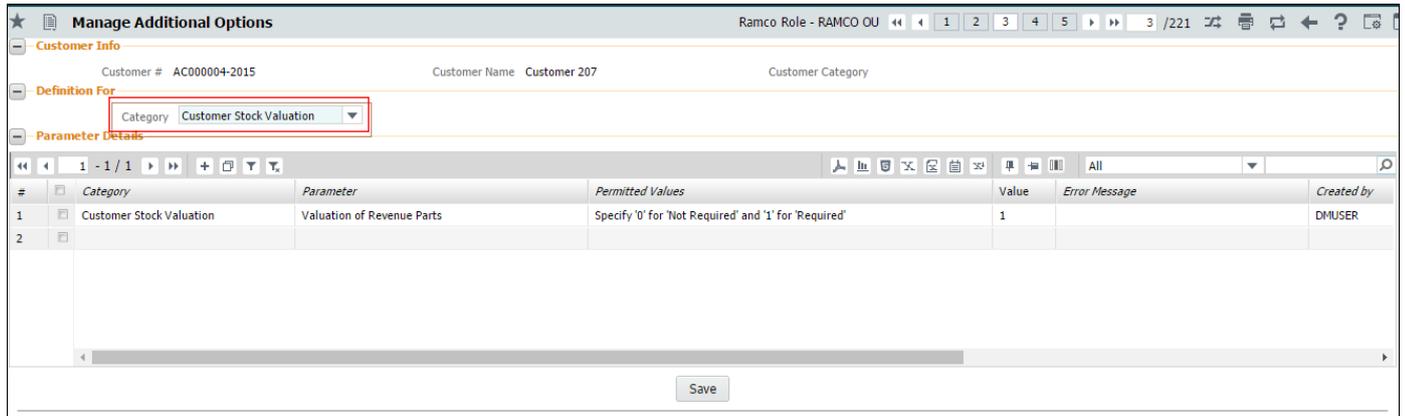
Pre-Requirement: In order to be able to define the parameters under the Category ‘Procurement for Customer’, appropriate numbering types must have been created, mapped to the respective transactions.

Customer Stock Valuation

The various parameters under the Category ‘Customer Stock Valuation’ is shown in the screenshot below. Specify value ‘0’ for setting an option as ‘Not Required’ and ‘1’ to set the option as ‘Required’.

Exhibit 2:

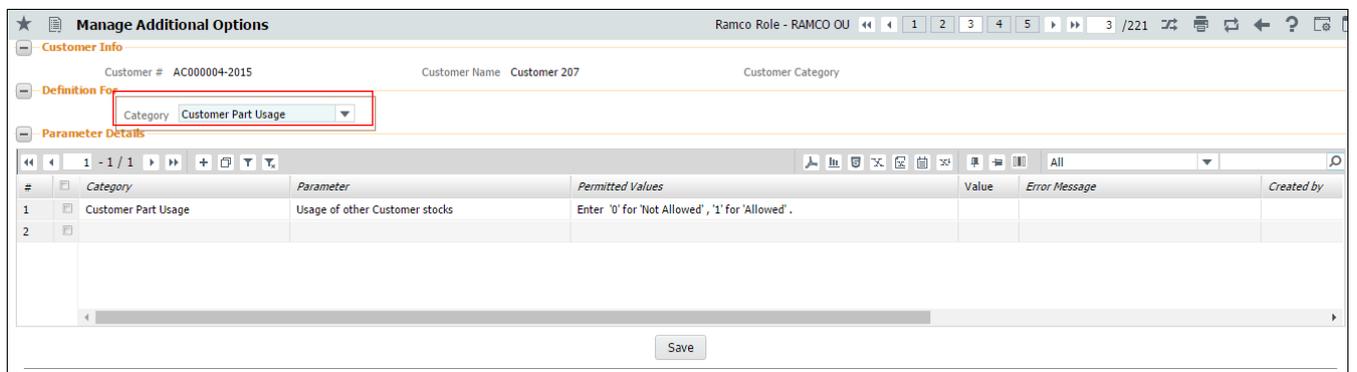
‘Customer Stock Valuation’ category in the **Manage Additional Options** page in the **Edit Customer Record** activity of the **Customer** business component



Pre-requirement : In order to have a User Defined Stock Status listed in this screen under this Category, the ‘Ownership-Customer’ and ‘Valuated’ must be set as ‘Yes’ against that particular User defined Stock Status in **Create/Edit User Defined Stock Status** screens.

Exhibit 3:

‘Customer Part Usage’ category in the **Manage Additional Options** page in the **Edit Customer Record** activity of the **Customer** business component



WHAT'S NEW RECEIVABLES MANAGEMENT?

Ability to extract an Invoice report with all GST taxation details against each Order that is invoiced to a Customer

Reference: AHBG-14899

Background

The current tax framework in our country with GST included calls for generating invoice reports as per the Statutory requirements.

Change Details

If the login OU of the company is India, then on click of the “Print” pushbutton in the **Print Invoice** activity of the **EDK Reports – Receivables Management** business component, the report generated in pdf. Format will be in accordance with the statutory format as per the GST rules.

Exhibit 1:

Customer Invoice Report generated from the **Print Invoice** activity in the under the **Receivables Management** business process

		Customer Service Invoice XYZ Ltd., 64 SARDAR PATEL ROAD, TARMANI, CHENNAI - 600113 TAMIL NADU Tel: +91 XX XXXX XXXX Fax: +91 XX XXXX XXXX										
		Billed to : Customer Name : XYZ Ltd., Customer Address : 48, M.G. Road, Bangalore - 560001 Karnataka Customer code : NA GSTIN no. : 29BWVCR8823F103					GSTIN no. : Tax is payable on Reverse Charge(Yes/No) : Invoice No. : Invoice Date : Currency : Pay term :					
S.No.	Custmer PO#	CO#/ Qt. Rev#	Maint. Obj. info.	Quantity	SAC	Taxable value	CGST		SGST		IGST	
							Rate	Amount	Rate	Amount	Rate	Amount
Invoice Value(In words)							Total		Charges		Invoice Total	
Amount of Tax subject to Reverse Charge												
Certified that the particulars given above are true and correct						Electronc Reference Number :						
Terms and conditions for sale						Company Name						
						Signature						
						Authorised signatory						
						Name :						
						Designation :						

WHAT'S NEW IN 'MANAGE ACCRUAL RUN'?

Provision to accrue revenue in case of Flight Contracts as a part of month-end Processing

Reference: AHBG-13346

Background

This feature has been enabled in the **Manage Accrual Run** activity to facilitate the accrual of the revenue in case of Flight Contracts where financial period of the organization differs from the calendar period.

Change Details

With this new change, the user will be able to process the accrual of the revenue in case of Flight Contracts on the basis of Flight Sheets in confirmed status before run date and the contract based milestones for which the milestone date is before the run date but the invoice release or miscellaneous finance invoice has not yet been generated.

Important Points to be noticed

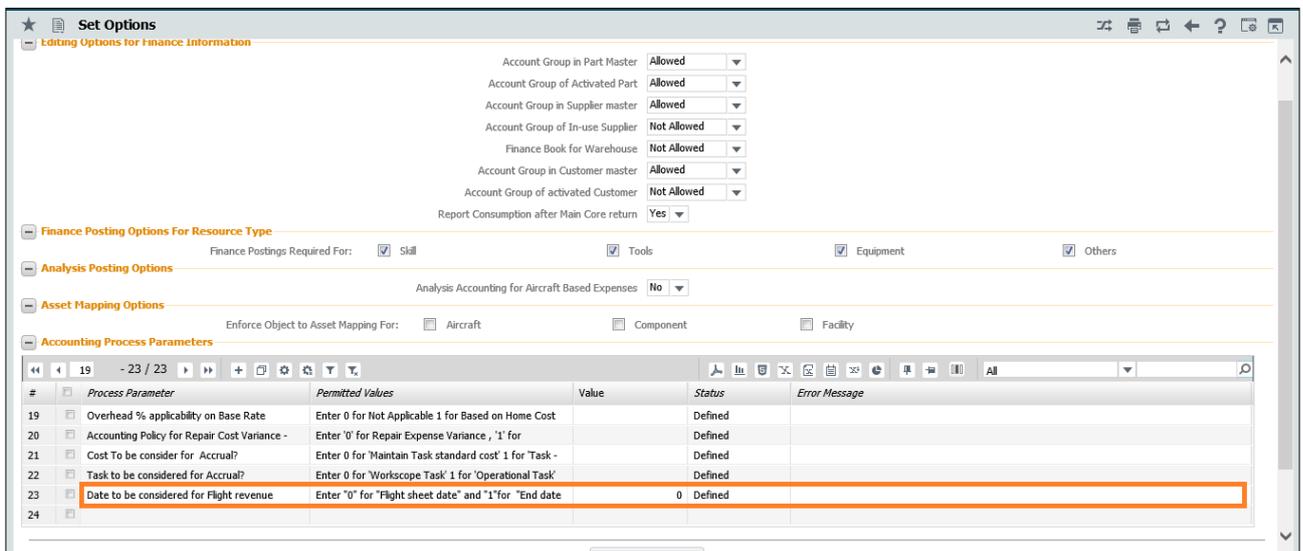
- Before initiating the accrual run for flight revenue, it is mandatory to specify the newly added parameter.

Specifying the date to be considered for the Accrual Run:

The user will have the provision to specify the date to be considered for fetching the eligible documents for the flight revenue accrual. This can be done under the Business process **INVENTORY SET UP**, Business component **ACCOUNT GROUP** and **SET OPTION** activity for the parameter: 'Date to be considered for Flight revenue accrual'

Exhibit 1:

Set Options activity in the **Account Group** Business Component of the **Inventory Setup** Business Process



The parameter '**Date to be considered for Flight revenue accrual**' can be set as follows:

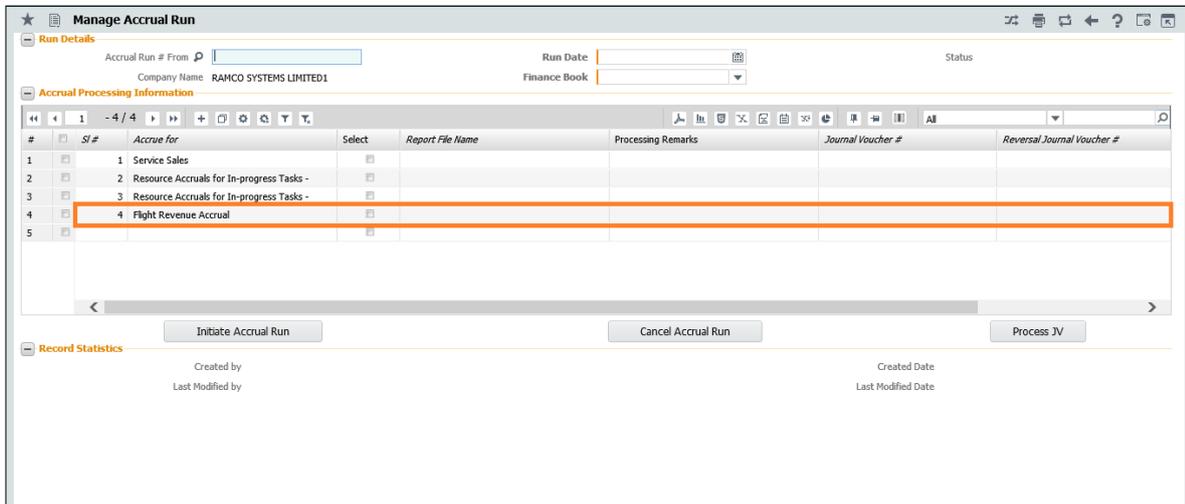
- **Flight Sheet Date:** The date considered for fetching the eligible documents for the accrual run will be 'Flight Sheet Date' in case of Flight Sheets and 'Milestone Date' in case of contract based milestones.
- **End Date of Billing Horizon:** The date considered for fetching the eligible documents for the accrual run will be 'Flight Sheet To' date in case of Flight Sheets and 'Horizon End Date' in case of contract based milestones

Initiating the Accrual Run:

The user can initiate the Accrual run for the Flight Revenue. This can be done under the Business Process BOOK KEEPING, Business Component JOURNAL VOUCHER and MANAGE ACCRUAL RUN activity by selecting the 'Flight Revenue Accrual' from the multiline and initiating Accrual Run.

Exhibit 2

Manage Accrual Run activity in the **Journal Voucher** Business Component of the **Book Keeping** Business Process



WHAT'S NEW IN JOURNAL VOUCHER?

Ability to generate a Flight Revenue Accrual Report on a given date

Reference: AHBG-13925

Background

There can be scenarios relating to Flight Contracts, in which the Flight Sheet has already been confirmed either earlier or at the end of the Financial Period but billing is yet to be done. This may be due to the generation of the invoicing milestone as per the calendar period based on the parameters setup in the contract.

Therefore there will be a need to facilitate the accrual of the revenue in case of Flight Contracts where financial period of the organization differs from the calendar period.

With this enhancement the user will be able to:

- Generate an Excel output for the flight revenue accrued along with the summary of all the revenue accrued as well the details of all the billing heads which are accrued under a selected financial period.
- View the revenue which has been accrued along with the other details.
- Report with Summary as well as the Detailed output

Change Details

This feature has been enabled in the **Manage Accrual Run** activity of the **Journal Voucher** business component under the **Book Keeping** business process to facilitate the accrual of the revenue in case of Flight Contracts where financial period of the organization differs from the calendar period.

With this new change, the user will be able to process the accrual of the revenue in case of Flight Contracts on the basis of Flight Sheets in confirmed status before run date and the contract based milestones for which the milestone date is before the run date but the invoice release or miscellaneous finance invoice has not yet been generated.

On click of the 'Initiate Accrual Run' pushbutton, the records would be processed into an Excel Sheet and the same will be displayed as a link to launch the report in the 'Report File Name' column. The Excel Sheet generated would have the following sheets in it:

- Accrual Summary
- Fixed Charges
- Operating Charges
- Crew Charges
- Other Charges

Exhibit 1:

Manage Accrual Run activity in the **Journal Voucher** business component of the **Book Keeping** business process

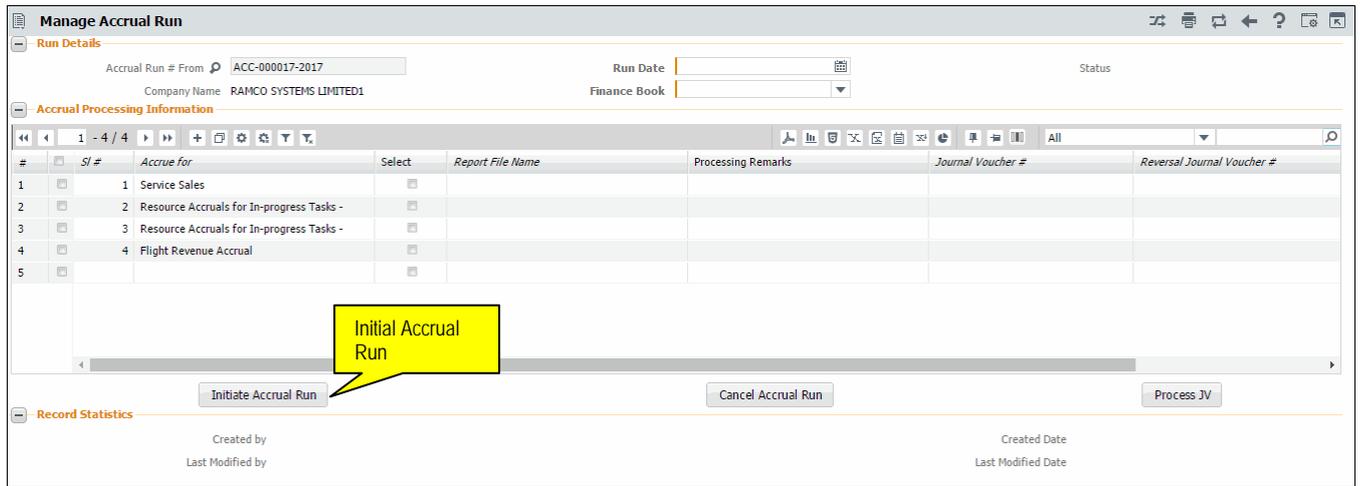


Exhibit 2:

Excel Flight Review Report

Flight Revenue Accrual Summary												
Finance book	Accrual run #	Run date	Contract	Charter Category	Charter Type	Billing head	Billing category	Invoicing element	Currency	Amount	Amount(Base currency)	Ex
4	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Demobilization Fee	Fixed Charges	CAD	1500.00	1500.00	
5	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Mobilization Fee	Fixed Charges	CAD	1500.00	1500.00	
6	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
7	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
8	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
9	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
10	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
11	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
12	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
13	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
14	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
15	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
16	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
17	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
18	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
19	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
20	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
21	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
22	AVEOS	ACC-000633-2017	30-Apr-2017	514-422-7239	Dry	EMS	Exclusive Fee	Fixed Charges	CAD	0.00	0.00	
23		-0.00				Regu	Demobilization Fee	Fixed Charges	CAD	100000.00	100000.00	
24		-0.00				Regu	Demobilization Fee	Fixed Charges	CAD	0.00	0.00	
25		-0.00				Regu	Demobilization Fee	Fixed Charges	CAD	210000.00	210000.00	
26		-0.00				Regu	Demobilization Fee	Fixed Charges	CAD	30000.00	30000.00	
27	AVEOS	ACC-000633-2017	30-Apr-2017	AC040120	Dry	Regular	Exclusive Fee	Fixed Charges	CAD	30000.00	30000.00	
28	AVEOS	ACC-000633-2017	30-Apr-2017	AC040120	Dry	Regular	Exclusive Fee	Fixed Charges	CAD	30000.00	30000.00	
29	AVEOS	ACC-000633-2017	30-Apr-2017	AC040120	Dry	Regular	Exclusive Fee	Fixed Charges	CAD	30000.00	30000.00	
30	AVEOS	ACC-000633-2017	30-Apr-2017	AC040120	Dry	Regular	Exclusive Fee	Fixed Charges	CAD	30000.00	30000.00	

- **Accruals Summary** - Summary level information of various Contracts and Billing heads that are to be accrued.
- **Fixed Charges** - Details of all the Fixed Charge billing heads that are accrued
- **Operating Charges** - Details of all the Operating Charges billing heads accrued
- **Crew Charges** - Details of all the Crew Charges billing heads accrued
- **Other Charges** - Details of all the Other Charges billing heads accrued

WHAT'S NEW IN FLIGHT CONTRACT?

Provision to capture the minimum usage in flight contract and invoice the customer based on the minimum usage

Reference: AHBG-7143

Background

This feature has been enabled in **Manage Flight Contract** to facilitate the user to provide the minimum usage which is to be considered for billing of flight contract for Operating Charges – Usage.

This feature will help the user to specify the minimum usage hours to be billed to the customer under a flight contract in case of any shortfall in the actual hours flown. This also provides the facility to specify the rate at which the shortfall of usage hours (minimum usage) is to be priced.

Change Details

With this new change, the user will be able to specify the minimum usage hours and the rate at which the minimum usage has to be priced. This will be used to charge the customer to the extent of minimum usage hours defined in the contract even when the actual hours flown are less.

Important Points to be noticed

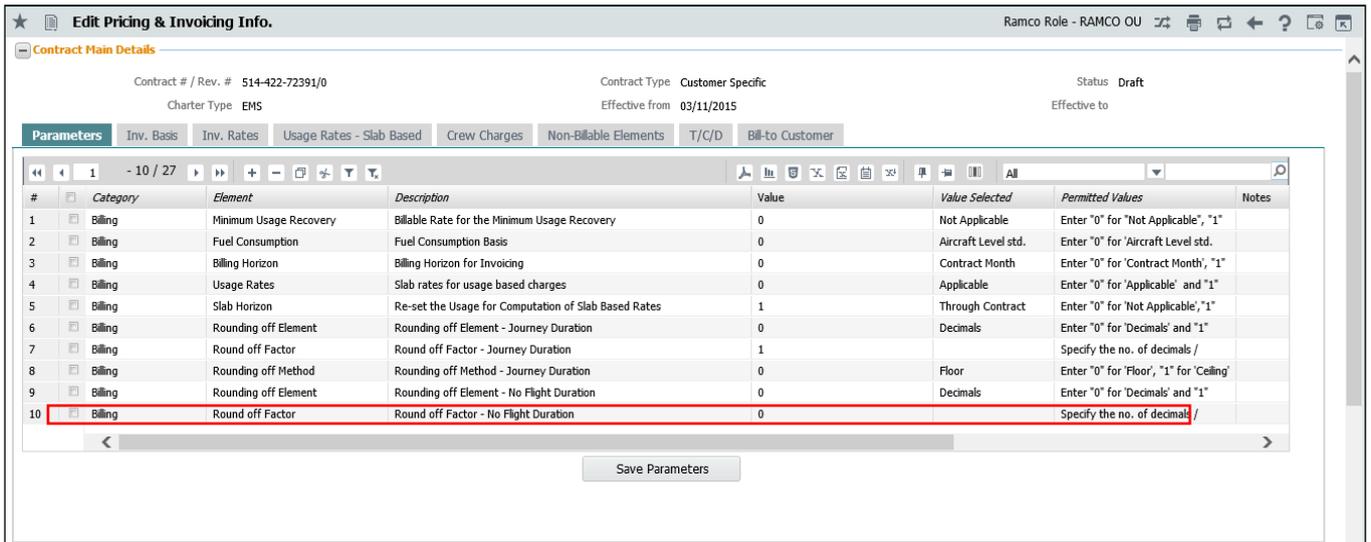
- Minimum usage can be defined only for Operating Charges – Usage.
- Minimum usage specified can only be a positive integer.
- Minimum usage specified will be considered at the Billing Horizon level.
- The user has to select the parameter value other than 'Not applicable' to specify the minimum usage for a billing head.

Specifying the rate to be used for billing Minimum usage:

The user can specify the rate at which the shortfall up to minimum usage is to be billed. This can be done in the 'parameter' tab for the parameter, 'Billable rate for minimum usage recovery' in the **Edit Pricing and Invoicing Info.** link in the **Manage Flight Contract** activity of the **Flight Contract** business component under the **Flight Operations** business process.

Exhibit 1:

Parameters tab – **Edit Pricing & Invoicing Info.** screen



Usage Rates – Slab Based tab

The parameter 'Billable rate for the minimum usage recovery' can be set as follows;

- **Not applicable** - if the Minimum usage is not applicable for the contract.
- **Max rate** - To price the minimum usage shortfall at the maximum rate from the multiple pricing matches available.
- **Min. Rate** - To price the minimum usage shortfall at the min. rate from the multiple pricing matches available
- **Manual** - To provide the rate at which the minimum usage is to be billed - manually in the **Flight Invoice Release**

Specifying the Minimum usage:

The user can specify the minimum usage to be billed under 'Operating Charges – Usage'. This can be done in the 'Invoice Basis' tab against the Billing Head in the new column 'minimum usage' in the **Edit Pricing and Invoicing Info.** link in the **Manage Flight Contract** activity of the **Flight Contract** business component under the **Flight Operations** business process.

Exhibit 2:

Invoice Basis tab - **Edit Pricing & Invoicing** screen

★ **Edit Pricing & Invoicing Info.**
states

Contract # / Rev. #
Contract Type
Status

Charter Type
Effective from
Effective to

Parameters
Inv. Basis
Inv. Rates
Usage Rates - Slab Based
Crew Charges
Non-Billable Elements
T/C/D
Bill-to Customer

#	<input type="checkbox"/>	Billing Head	Inv. Element	Charge for	Billing Category	Inv. Milestone	Pay Term	Status	Remarks	Charge Type	Unit	Min. Usage	Flight
1	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼	FixedAmount	One Time		
2	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				
3	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				
4	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				
5	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				
6	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				
7	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				
8	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				
9	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				
10	<input type="checkbox"/>	Mobilization Fee	▼			▼	Begn. of Contr...	Active	▼				

[Edit Main Info.](#)
[Edit Additional Info.](#)

Record Statistics

Example 1:

If the Minimum Usage is set as 100 hours in the Flight Contract for the Billing Head: Block Hour Charges and if the actual usage hours from the flight sheet is 75 hours, then in the Flight Invoice Release, there will be two lines for the Operating Charges:

1. 75 hours – Actual usage
2. 25 hours - minimum usage recovery – at rate as per the parameter set.

Example 2:

If the Minimum usage is set as 100 hours in the Flight Contract for the Billing Head: Block Hour Charges and if the actual usage hours from the Flight Sheet is 115 hours, then in the Flight Invoice Release, there will be only one line for the Operating Charges:

1. 115 hours – Actual usage

Provision to specify slab based differential usage rates in flight contract and apply the rates from slab, based on the usage quantity

Reference: AHBG-7552

Background

This feature has been enabled in the **Manage Flight Contract** activity in order to select the slab based rates application type to be applied for pricing the Operating Charges – Usage. This feature enables the user to define the flat slab based rates as well as Incremental slab rates.

Change Details

With this new change, the user will be able to specify the rate application to be used and also define the slab based usage rates under the ‘Application Type’ selected for a particular Billing Head. This will enable the pricing of the usage hours as per the rate application type defined in the contract.

In order to specify the Rate Application, the user is given a facility to select the required Rate Application and define the slab based rates in **Flight Contract**.

Important Points to be noted:

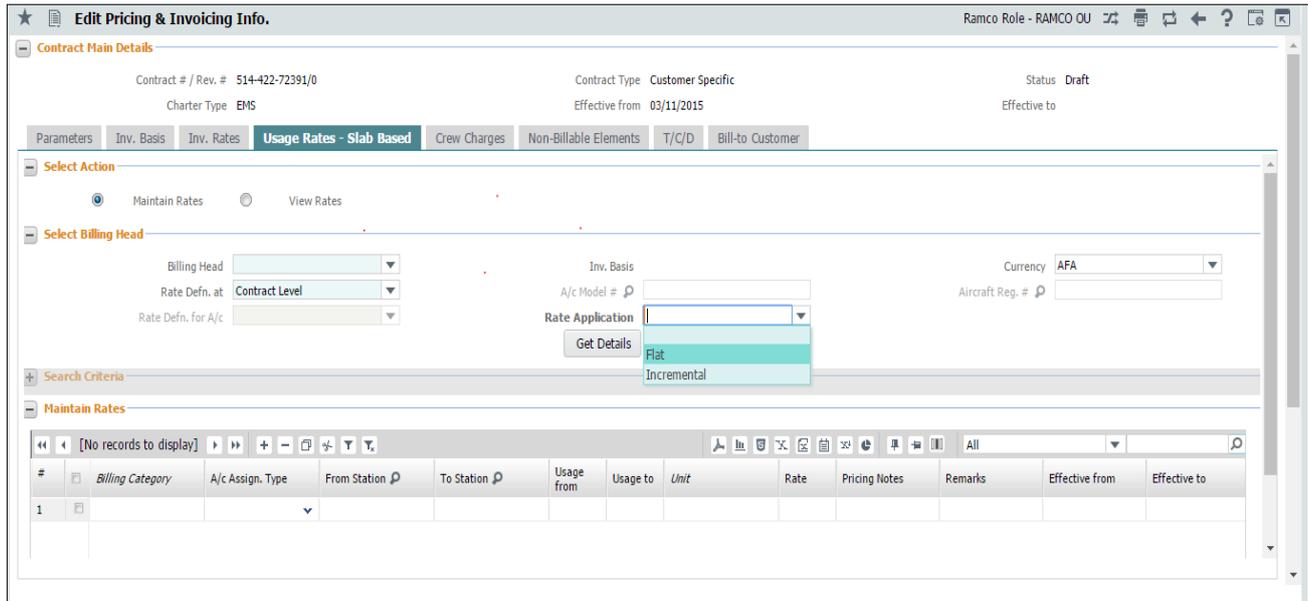
- Rate Application can be specified only for defining the Slab based rates for Operating charges- Usage.
- Once the Rate Application is selected and Slab based slab rates defined, the system does not allow the user to modify the Rate Application for the same Billing Head even on creation of a new contract revision
- The user is also not allowed to define the slab based rates under both the Rate Application types for the same Billing Head in a single contract.

Specifying the Invoicing processing currency

- The user can choose the Rate Application to be used for the slab based usage rates. This can be done for the parameter ‘Select Billing head’ section – Rate application (‘Flat’ or ‘Incremental’) in the ‘Usage Rates – Slab Rate’ tab in the **Edit Pricing and Invoicing Info.** link at the bottom of the **Manage Flight Contract** screen in the **Flight Contract** business component under the **Flight Operations** business process and then the slab rate can be defined in the multiline.

Exhibit 1:

Usage Rates – Slab Based tab in the Edit Pricing & Invoicing screen



Example:

Let the Rate Application be selected as “FLAT”. The slab rates are defined as follows for the Billing Head ‘Block hours’:

Usage From	Usage to	Rate
0	50	1000
50	100	1500
100	200	2000

If the actuals usage hours (from the Journey Log / Flight sheet) is 90 hours, the rate that would be picked for pricing the operating charges will be Rs.1500 for the entire 90 Block Hours.

Example:

Let the Rate Application be selected as “Incremental”. The slab rates are defined as follows for the Billing Head ‘Block Hours’:

Usage From	Usage to	Rate
0	50	1000
50	100	1500
100	200	2000

If the actual usage hours (from the Journey Log / Flight sheet) is 90 hours, the rate that would be picked for pricing the operating charges will be Rs.1000 for the 50 Block Hours and Rs.1500 for the next 40 Block Hours.

Provision to price the aircraft usage against flight contract based on flight locations

Reference: AHBG-7550

Background

This feature has been enabled in **Manage Flight Contract** to facilitate the pricing of aircraft usage against the flight contract based location from and to which the aircraft has flown.

In this feature, the user can define the rates for Operating Charges – Usage at the location level while defining the rates.

Change Details

With this new change, the user will be able to specify the 'From' and 'To' stations between which the aircraft has flown and define the rates at the station level combinations.

In order to specify the locations, user has been given the facility to select /provide the required 'From' and 'To' stations while defining the usage based rates (direct as well as slab).

Important Points to be noted

- Location based rates can be defined only for Operating charges – Usage.
- Location based details can be provided for the direct rates as well as Slab based rates.
- User can define rates by providing only 'From' station, only 'TO' station or both 'FROM' and 'TO' stations.

Specifying the location:

The user can specify the stations to define the usage based rates .This can be done In the two new columns 'From station' and 'To station' present in the 'Usage Rates- Slab based' tab as well as the 'Invoice Rates' tab in the **Edit pricing and invoicing info.** Link at the bottom of the **Manage Flight Contract** page of the **Flight Contract** business component belonging to the **Flight Operations** business process.

Exhibit 1

Invoice Rates tab

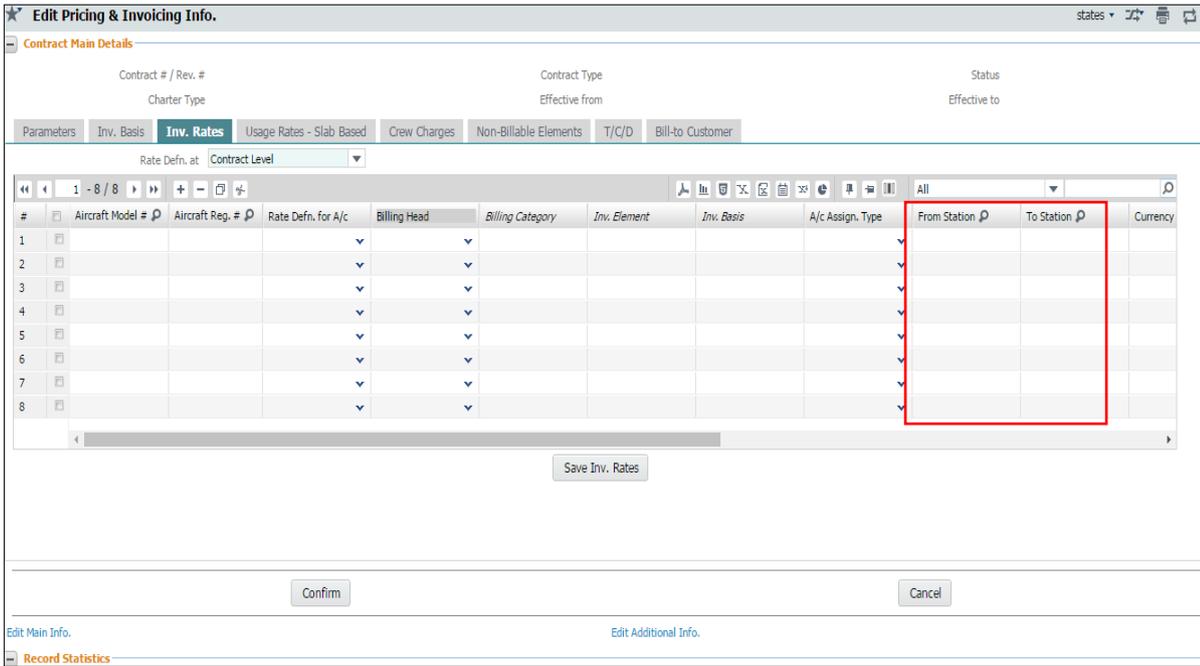
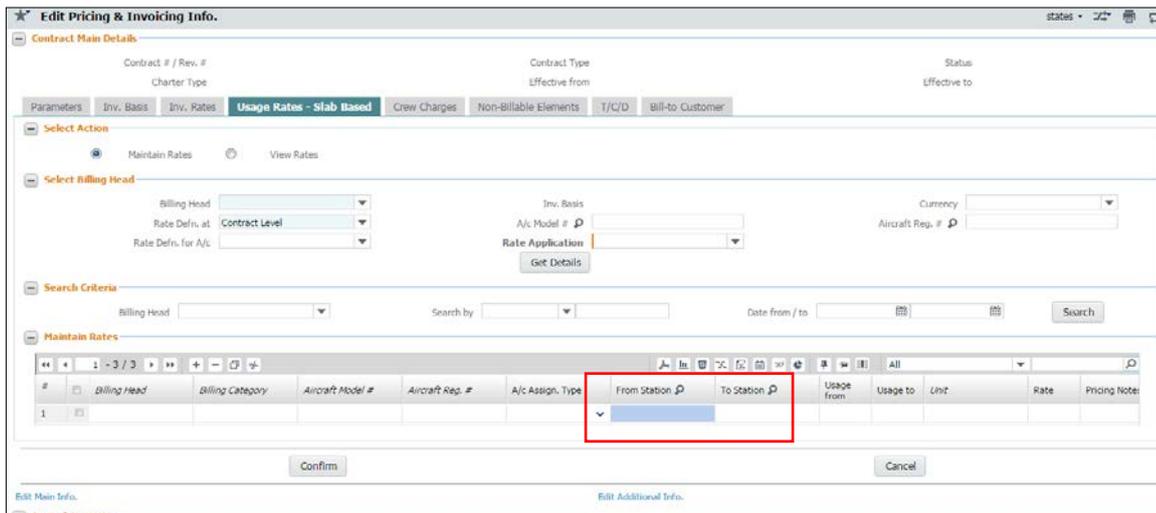


Exhibit 2

Usage Rates-Slab Based tab



Example:

The Direct rates can be defined as follows:

Billing Head	From Station	To Station	Rates
Block hour charges	MAA	HYD	1000
Block hour charges	HYD	MAA	1250

If as per the Journey Log the flight has flown from ‘MAA’ to ‘HYD’ for 50 hours, the pricing will be Rs.1000 for the entire 50 hours.

Example:

The Slab Based Rates can be defined as follows:

Billing Head	From Station	To Station	Usage From	Usage To	Rate
Block hour charges	MAA	HYD	0	50	1000
Block hour charges	MAA	HYD	50	100	1500
Block hour charges	MAA	HYD	100	150	2000
Block hour charges	HYD	MAA	0	50	1250
Block hour charges	HYD	MAA	50	100	1750

If as per the Journey Log the flight has flown from 'MAA' to 'HYD' for 90 hours,

The pricing will be as follows:

Flat slab: Rs.1500 for the entire 90 hours.

Incremental slab: Rs.1000 for 50 hours and Rs.1500 for the balance 40 hours.

Provision to the price the flight contract revenue based on mid-month exchange rate type

Reference: AHBG-7269

Background

This feature has been enabled in **Manage Flight Contract** to facilitate the pricing of flight contract based on the exchange rate type specified at a Flight Contract level.

This feature enables the user to specify the exchange rate type at which the pricing currency must be converted to billing currency at Individual Flight Contract level.

Change Details

With this new change, the user will be able to specify the exchange rate type to be used for Flight Billing – by providing the required exchange rate type (as defined in the **Exchange Rate** master) against the new parameter.

Important Points to be noted:

- The newly added parameter will be defaulted with the value set for the 'Exchange rate type for flight billing' parameter in the **Set Process Parameters** screen.
- The user is allowed to modify Exchange Rate Type as required from the defaulted value.
- The user is allowed to specify only the Exchange Rate Types which are defined in the **Exchange Rates** master.

Specifying the Exchange Rate Type:

The user can specify the Exchange Rate Type for converting the pricing currency to Billing Currency for flight billing. This can be done in the 'Parameter' tab for the parameter, 'Exchange rate type for Flight billing' in the **Edit Pricing and Invoicing Info.** of the **Manage Flight Contract** activity in the **Flight Contract** business component of the **Flight Operations**

Exhibit 1

Parameters tab – **Edit Pricing & Invoicing Info.** screen

★ Edit Pricing & Invoicing Info.

Contract # / Rev. # CSC01/1 Contract Type Customer Specific Status Approved
 Charter Type Regular Effective from 2014-05-08 Effective to

Parameters Inv. Basis Inv. Rates Usage Rates - Slab Based Crew Charges Non-Billable Elements T/C/D Bill-to Customer

#	Category	Element	Description	Value	Value Selected	Permitted Values	Notes
1	Billing	Fuel Consumption	Fuel Consumption Basis	0	Aircraft Level std.	Enter "0" for 'Aircraft Level std.	
2	Billing	Billing Horizon	Billing Horizon for Invoicing	0	Contract Month	Enter "0" for 'Contract Month', "1"	
3	Billing	Usage Rates	Slab rates for usage based charges	1	Not Applicable	Enter "0" for 'Applicable' and "1"	
4	Billing	Slab Horizon	Re-set the Usage for Computation of Slab Based Rates	0	Not Applicable	Enter "0" for 'Not Applicable', "1"	
5	Billing	Exchange rate type	Exchange rate type for flight billing			Enter any valid exchange rate	
6	Billing	Rounding off Element	Rounding off Element - Journey Durabon	0	Decimals	Enter "0" for 'Decimals' and "1"	
7	Billing	Round off Factor	Round off Factor - Journey Durabon	2		Specify the no. of decimals /	
8	Billing	Rounding off Method	Rounding off Method - Journey Duration	2	Nearest	Enter "0" for 'Floor', "1" for 'Ceiling'	
9	Billing	Rounding off Element	Rounding off Element - No Flight Duration	0	Decimals	Enter "0" for 'Decimals' and "1"	
10	Billing	Round off Factor	Round off Factor - No Flight Duration	2		Specify the no. of decimals /	

Save Parameters

Provision to generate flight invoice on a weekly horizon

Reference: AHBG-8414

Background

This feature has been enabled in the **Manage Flight Contract** activity to facilitate the generation of the flight invoice with the weekly horizons.

This feature will help the user to generate invoice for the billing horizons weekly on the specified day of the week.

Change Details

With this new change, the user will be able to select the billing horizon as 'Calendar Week' along with specifying the particular day of a week on which the billing is to be done.

Important Points to be noted

If the user selected the Billing Horizon as "Calendar Week" and specify a particular day of the week, the milestones will be generated at the weekly horizons on the day selected.

Specifying the Billing horizon:

A new option 'Calendar Week' has been included for the parameter 'Billing horizon for Invoicing' in the 'Parameter' tab in **Edit Pricing and Invoicing Info.** link of the **Manage Flight Contract** activity in the **Flight Contract** business component under the **Flight Operations** business process.

Also, a new parameter, added 'Billing day of the week' to be specified if the Billing Horizon selected is 'Calendar Week.'

Exhibit 1:

Parameters tab

#	Category	Element	Description	Value	Value Selected	Permitted Values	Notes
1	Billing	Minimum Usage Recovery	Bilable Rate for the Minimum Usage Recovery	1	Max.Rate	Enter "0" for "Not Applicable", "1"	
2	Billing	Fuel Consumption	Fuel Consumption Basis	0	Aircraft Level std.	Enter "0" for "Aircraft Level std."	
3	Billing	Billing Horizon	Billing Horizon for Invoicing	3	Calendar Week	Enter "0" for "Contract Month", "1"	
4	Billing	Billing Milestone	Billing day of the week	Sunday	Sunday	Any valid day of a week.	
5	Billing	Usage Rates	Slab rates for usage based charges	1	Not Applicable	Enter "0" for "Applicable" and "1"	
6	Billing	Slab Horizon	Re-set the Usage for Computation of Slab Based Rates	0	Not Applicable	Enter "0" for "Not Applicable", "1"	
7	Billing	Rounding off Element	Rounding off Element - Journey Duration	0	Decimals	Enter "0" for "Decimals" and "1"	
8	Billing	Round off Factor	Round off Factor - Journey Duration	2		Specify the no. of decimals /	
9	Billing	Rounding off Method	Rounding off Method - Journey Duration	0	Floor	Enter "0" for "Floor", "1" for "Ceiling"	
10	Billing	Rounding off Element	Rounding off Element - No Flight Duration	0	Decimals	Enter "0" for "Decimals" and "1"	

Ability to charge back the customer through back billing Journal Voucher

Reference: AHBG-9290

Background

This feature has been enabled in the **Manage Flight Invoice Release** activity to facilitate the charge back through Journal Voucher.

This feature helps the user to charge back the expenses to the customers through back billing Journal Voucher.

Change Details

With this new change the user has the provision to charge back their customers through journal vouchers at line level.

Important Points to be noted

- The Regular, Memorandum, Reversal, Inter Finance Book and Inter Company Journal Vouchers which are in Authorized status are allowed to be used to charge back the customer.
- The billed amount will be back updated for the particular Journal Voucher at line level.
- The user is not allowed to reverse the Journal voucher once it has been charged back to the customer.

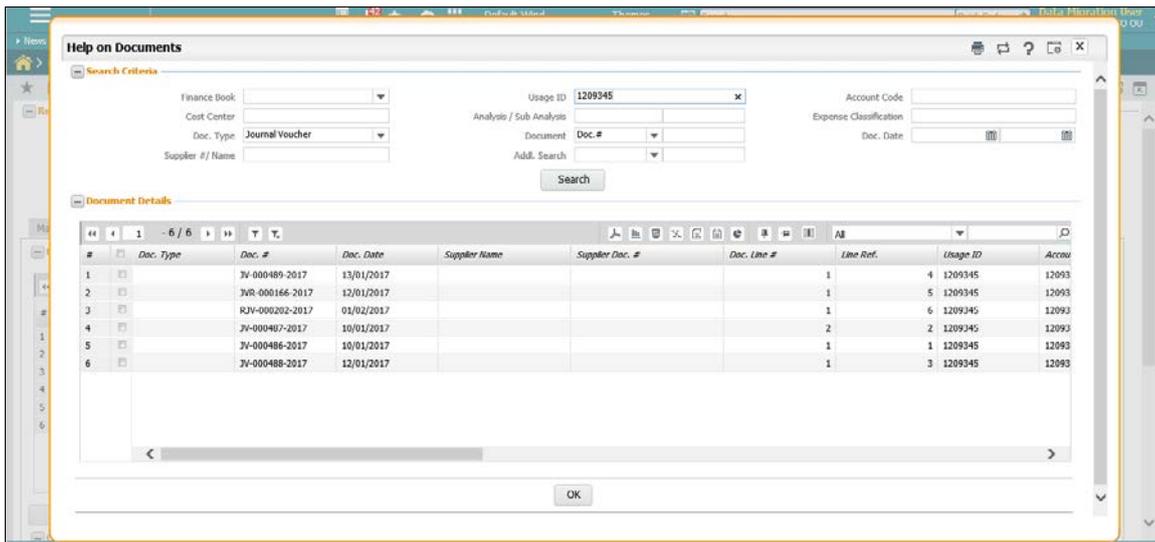
Selecting the Journal voucher

The user can choose the Journal voucher to be used for charging back the customer. This can be done under the **Flight Operations** business process > **Flight Billing** business component > **Manage Flight Invoice Release** activity > 'Charge Back Reference' under the 'Doc type' column.

Exhibit 1:

The screenshot displays the 'Manage Flight Invoice Release' application window. At the top, it shows 'Release Main Info.' with fields for 'Inv. Release #', 'Customer #', 'Charter Type', 'Rel. Value (Billing Curr.)', 'Billing Horizon', 'Customer Name', 'Charter Category', 'Exchange Rate', 'Release Status', 'Contract #', 'Billing Currency', and 'Rel. Value (Base Curr.)'. Below this is a tabbed interface with 'Charge Back Ref.' selected. The 'Document Details' section shows a table with columns for '#', 'Billing Head', 'Exp. Acc. Usage', 'Addtl. Details', 'Doc. Type', 'Doc. #', 'Doc. Date', 'Supplier Name', 'Supplier Doc. #', and 'Supplier Doc.'. A dropdown menu is open over the 'Doc. Type' column, listing options like 'Journal Voucher', 'Expense Invoice', 'Sundry Payment Voucher', and 'Supplier Item Based Dr. Note'. A 'Get Doc. Details' button is visible at the bottom left of the table area.

Exhibit 2:



Provision to generate invoice in pricing currency and also generate separate invoices based on currency/billing head combination

Reference: AHBG-8903

Background

This feature has been enabled in the **Manage Flight Contract** screen to facilitate the invoicing of the Flight Contract in the pricing currency or generate invoices at the billing head and currency level combinations. The user can specify the currency at which the invoice is to be generated for a flight contract or generate invoices at individual billing head level along with the currency combinations.

Change Details

With this new change, the user will be able to specify whether “Pricing Currency” or “Contract Currency” is to be used for invoicing. Also, the user will be facilitated to generate invoices at the Billing Head level.

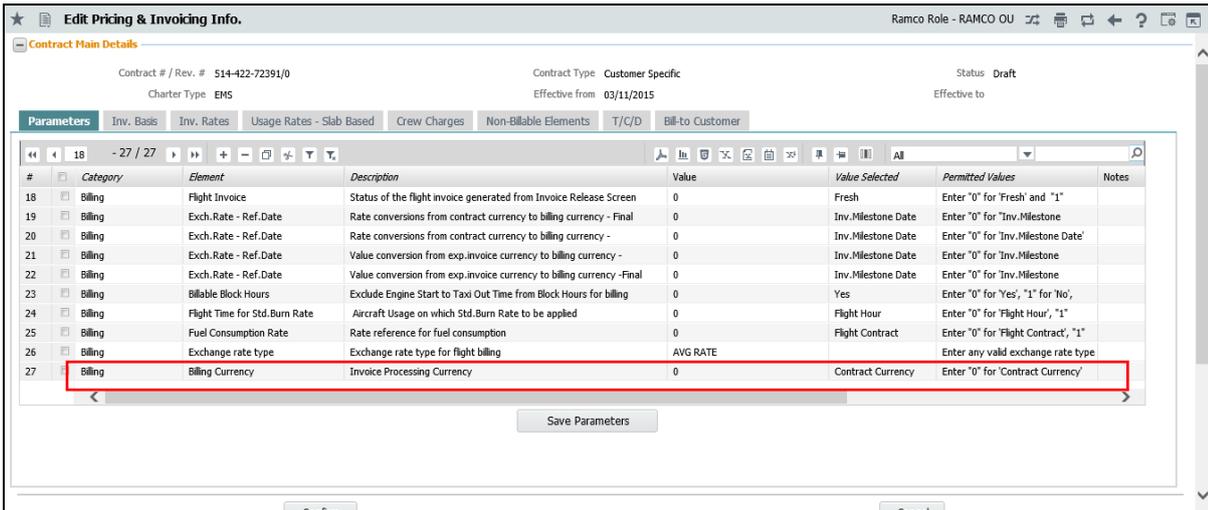
Important Points to be noted:

- Invoice release will be generated at the Billing Head and Currency combination level along with the Group By option selected.
- User is allowed to specify either Pricing Currency or Billing Currency as the Invoicing Pricing Currency
- User is also allowed to modify the currency defaulted in the **Select Documents** page of **Flight Billing** activity before proceeding to generate the Flight Invoice Release.

Specifying the Invoicing processing currency:

The user can specify the currency at which the invoice has to be generated. This can be done in the “Parameter” tab for the parameter ‘Invoicing Processing Currency’ in the **Edit Pricing and Invoicing Info.** link in the **Manage Flight Contract** activity of the **Flight Contract** business component in the **Flight Operations** business process.

Exhibit 1:



The parameter Invoice ‘Processing Currency’ can be set as follows:

- Contract Currency: To generate the Flight Invoice in the contract currency.
- Pricing Currency: To generate the Flight Invoice in the pricing currency of the respective Billing Head.

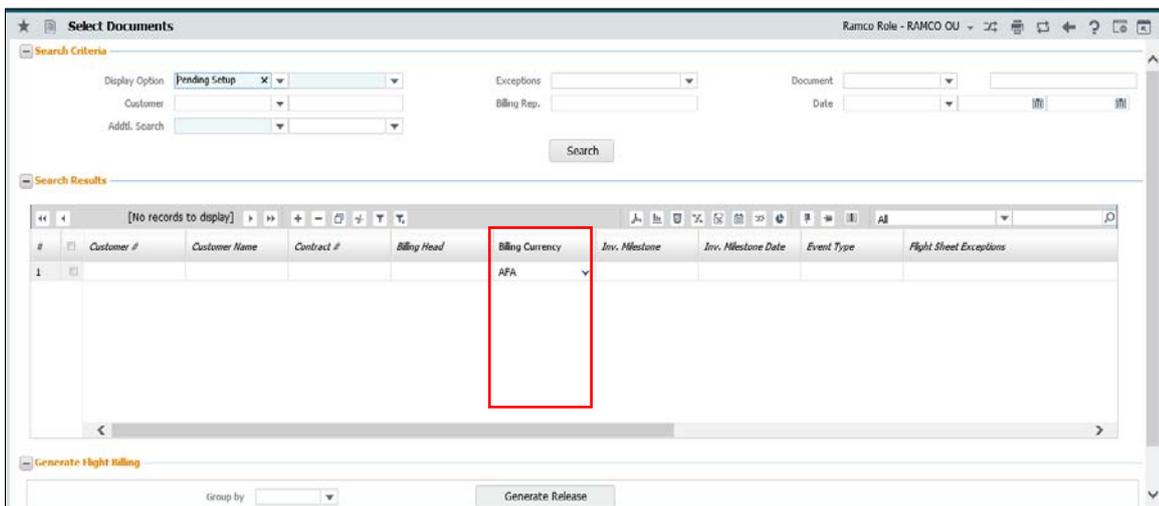
Defaulting the Billing Currency:

In the **Select Documents** screen of the **Flight Billing** activity, a new column ‘Billing Currency’ has been introduced, which will be defaulted with the currency as per the parameter set in the Flight Contract . That is, the value loaded against each billing head will be the ‘Contract Currency’ if the user has selected the parameter value as “Contract Currency”.

The value loaded against each billing head will be the ‘Pricing Currency’ of the respective billing head if the user has selected the parameter value as “Pricing Currency”.

The user has been facilitated to modify the currency as required before generating the Invoice Release.

Exhibit 2:



Example - 1:

The invoice Release generation will be as follows:

If billing currency is 'Contract Currency'

Billing head	Contract	Milestone	Currency
Standing Fee	FC 1	1 st Jun 2016-1 st July 2016	CAD
Mobilization Fee	FC 1	1 st Jun 2016-1 st July 2016	CAD
Standing Fee	FC 2	1 st Jun 2016-1 st July 2016	USD
Mobilization Fee	FC 2	1 st Jun2016-1 st July 2016	USD

If all the lines are selected with Group by as 'Contract' to generate release, two Flight Invoice Releases will get generated at Billing Head, Currency, Contract and milestone level.

Example – 2:

If billing currency is 'Pricing Currency'

Billing head	Contract	Milestone	Currency
Standing Fee	FC 1	1 st Jun 2016-1 st July 2016	CAD
Mobilization Fee	FC 1	1 st Jun 2016-1 st July 2016	USD
Standing Fee	FC 2	1 st Jun 2016-1 st July 2016	CAD
Mobilization Fee	FC 2	1 st Jun 2016-1 st July 2016	USD

If all the lines are selected with Group by as 'Invoice Milestone Date' to generate release then, four Flight Invoice Releases will get generated at Billing Head, Currency and contract and milestone level.

Ability to provide the Revenue Assignment Unit in the flight contract

Reference: AHBG-5894

Background

This feature has been enabled in the **Manage Flight Contract** activity to specify the revenue assignment unit in the flight contract to which the revenue has to be posted at the individual flight contract level.

This feature will help the user to specify the Revenue assignment unit at the individual flight contract level to which the revenue postings should happen.

Change Details

With this new change, the user will be able to specify the Finance Book against which the Revenue booking should happen for the flight contract which will be captured as Revenue Assignment unit.

Important Points to be noted

- The Revenue Assignment unit will be defaulted with the Event Finance Book to which at present all the revenue from the flight contracts will be posted.
- The user is allowed to modify the defaulted Rev. assign. Unit with the valid Finance Book that is in 'Active' status.
- The user is allowed to modify the Rev. Assign. Unit at the invoice release level depending upon the value set for the new finance parameter added 'Allow modifications to Revenue Assignment Unit at Flight Invoice Release level' in the **Set Finance Process Parameters** page.
- The revenue posting will happen at a contract level to the Finance Book selected.

Specifying the Rev assign. Unit:

The user can specify the Revenue assignment unit .This can be done under the **Flight Contract** business process, **Flight Contract** business component in the **Manage Flight Contract** activity in the 'Main Info.' tab under the newly introduced control: 'Rev. Assign. Unit'.

Exhibit 1:

Identifies the new control added in the Main info. tab of the **Manage Flight Contract** screen.

Defaulting the Rev. Assign. Unit:

The Finance Book selected in the flight contract will get defaulted in the new control ‘Rev. Assign. Unit’ added in the multiline in the **Select Documents** page in the **Flight Billing** business component, as well as the ‘Main Info tab in the **Manage Flight Invoice Release**.

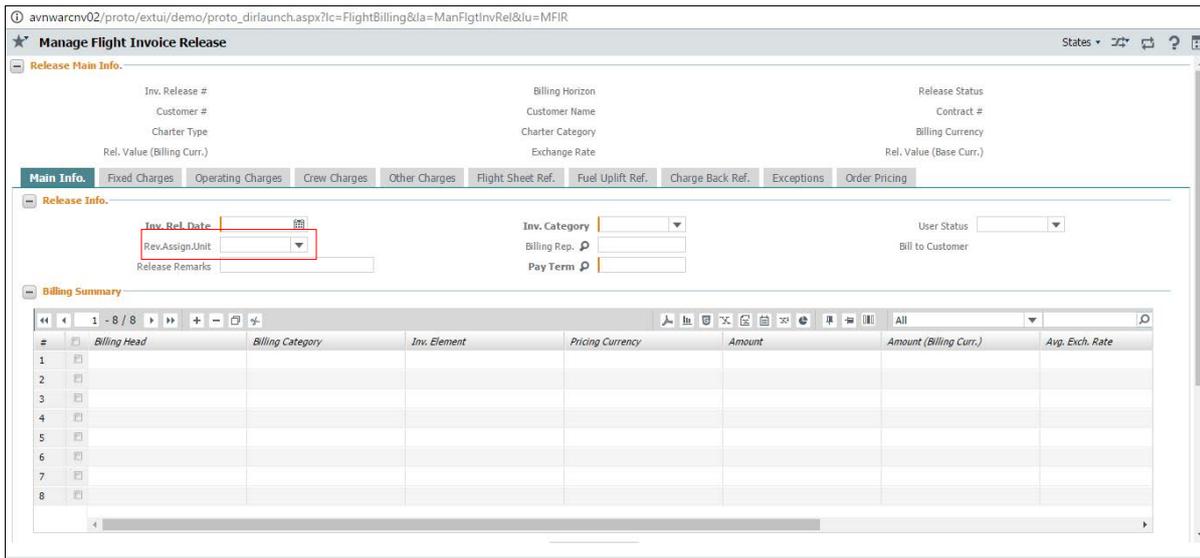
Exhibit 2:

Select Documents screen:

#	Billing Currency	Fixed Charges	Operating Charges	Crew Charges	Other Charges	Basic Value	Billing Horizon	Invoice Category	Rev.Assign.Unit	Bill to Customer ID
1										
2										
3										
4										
5										
6										
7										
8										

Exhibit 3:

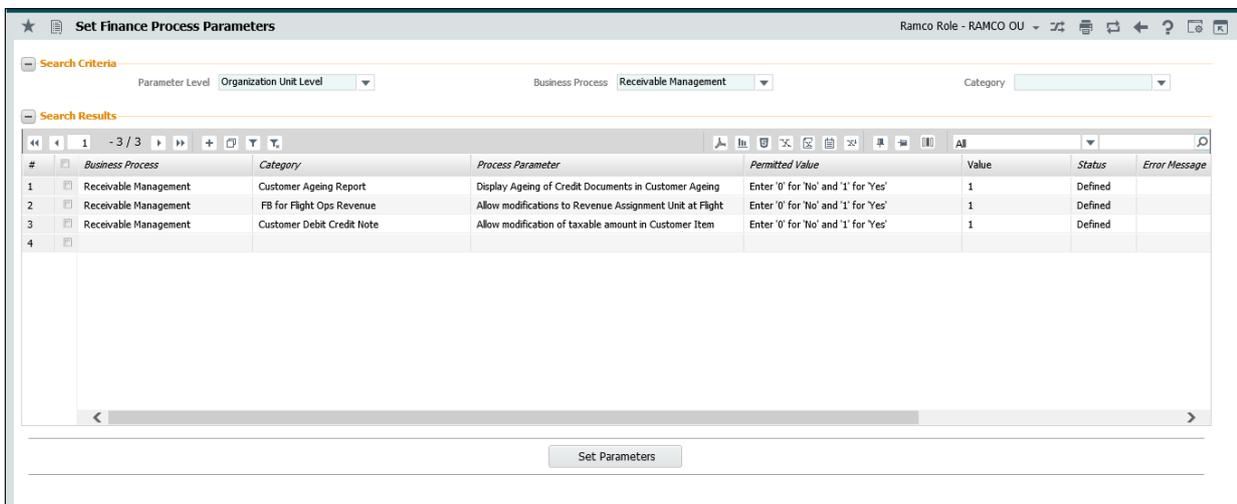
Main info. tab of the **Flight Invoice Release** screen:



Modifying the defaulted value:

The user is allowed to modify the Rev. Assign. Unit defaulted at the flight invoice release level as per the value selected for the newly added finance parameter under the **Finance Set up business process >OU Parameter Setup** business component > **Set Finance Process Parameters** activity at the ‘Parameter level – ‘ Organization unit level ‘. Also at the flight invoice release level”, under the **Receivables Management** business process, ‘Category – ‘FB for Flight ops. Revenue’ for the parameter – “Allow modifications to Revenue Assignment unit.

Exhibit 4:



The finance parameter ‘Allow modification to Revenue assignment unit a Flight invoice release level’ can be set as:

- Yes – If the user wants to modify the Rev. Assign. Unit at the invoice release level.No- If the user does not want to modify the Rev. Assign unit at the invoice release level.

Ability to map similar Billing Heads with different Currencies under a single Billing Category

Reference: AHBG-12278

Background

This feature has been enabled in the **Manage Flight Contract** activity of the **Flight Operations** business component to enable the user to bill the customer based on the Billing Category. For this, provision to define billing heads at different currency levels and group them under a single Billing Category has been provided. Also, a provision to modify the ‘Billing Category’ in Flight Invoice has been enabled.

Change Details

With this new change, the user will be able to map billing heads defined at different currencies under a Billing Category that is, user can bill the customer based on billing category.

Exhibit 1:

Edit Pricing and Invoicing Info tab in the **Manage Flight Contract** activity of the **Flight Contract Business Component**

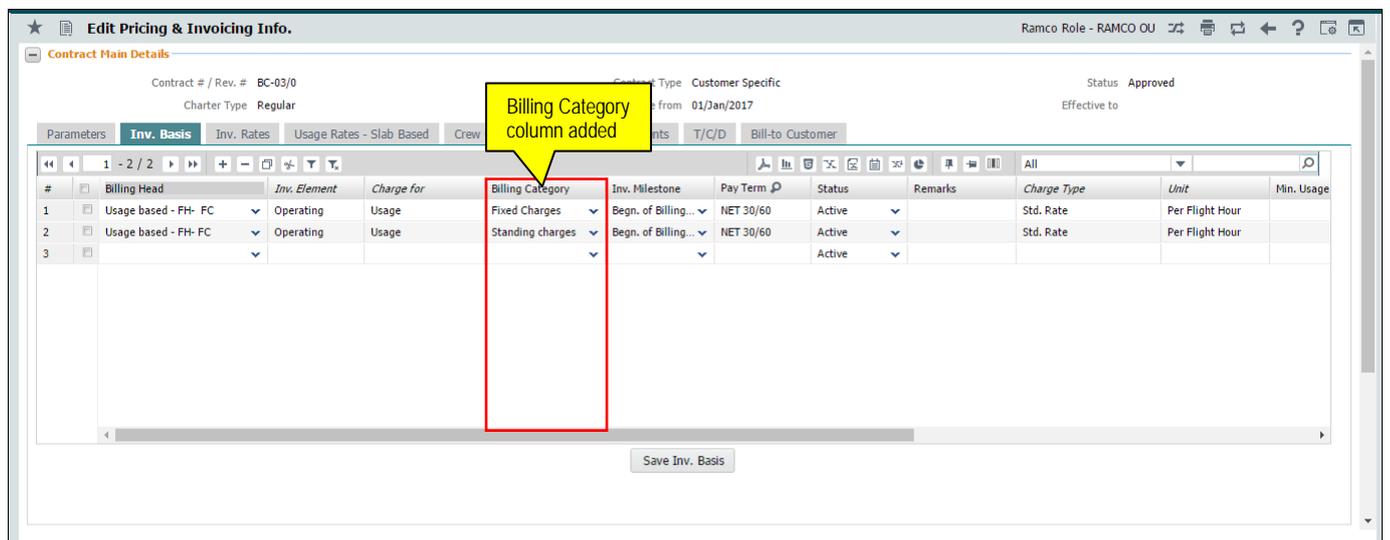


Exhibit 2:

Authorize Invoice page from the “Invoice # column hyperlink” in the **Select Documents** screen of the **Flight Billing Business Component** in the **Flight Operations** business process

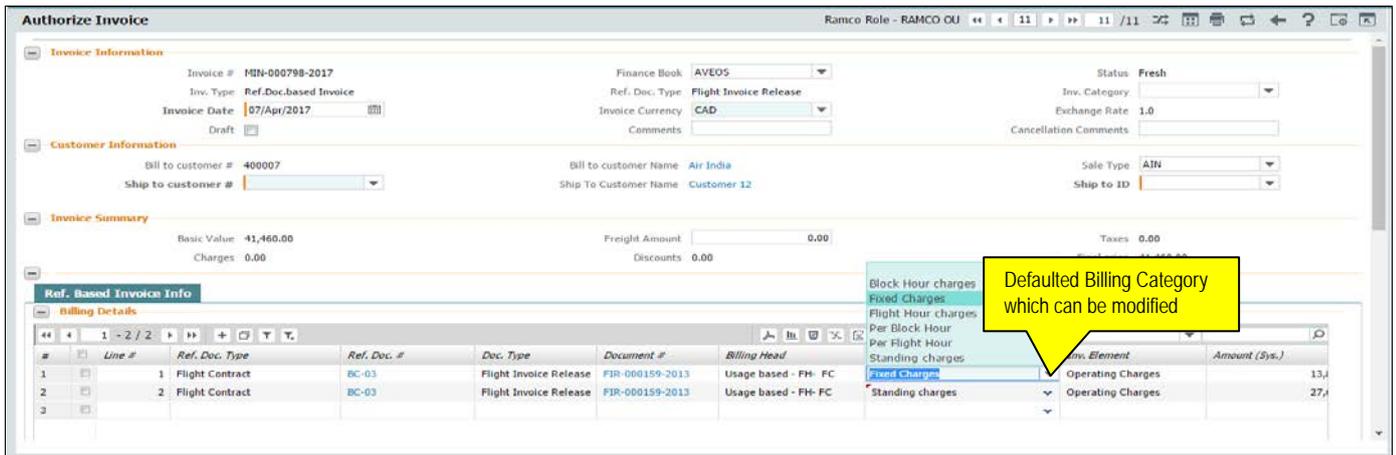
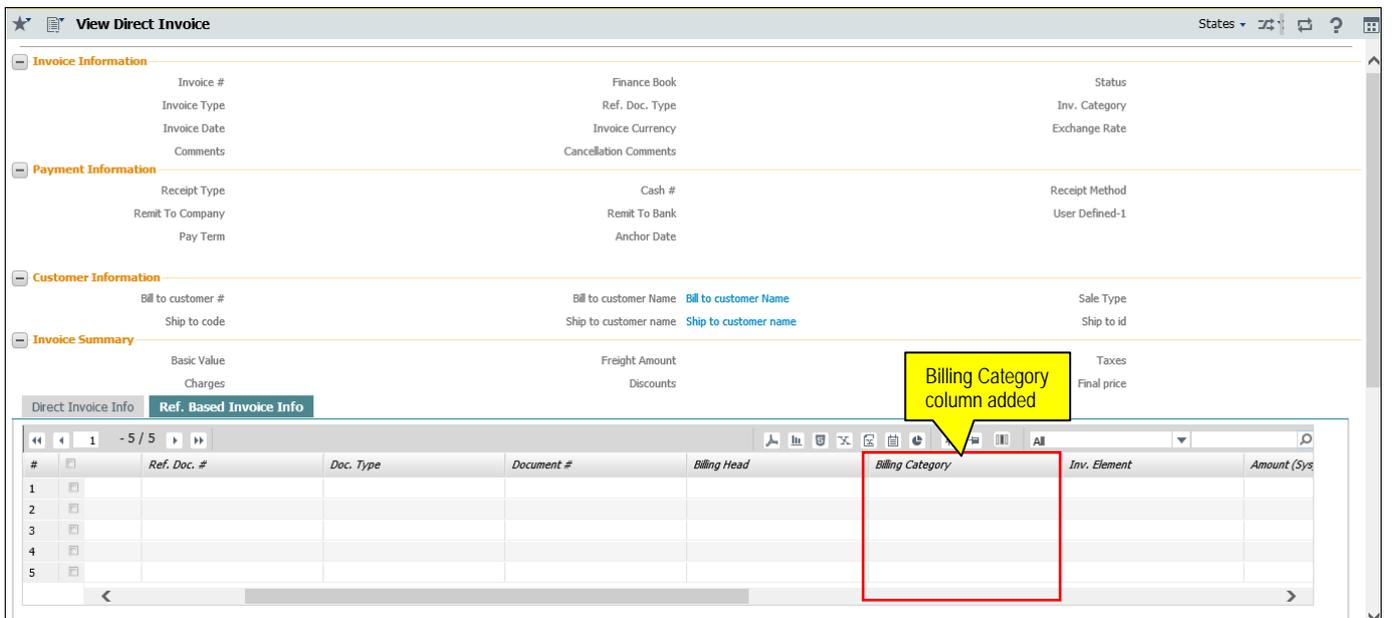


Exhibit 3:

Ref. Based Invoice Info. tab page in the **View Direct Invoice** activity of the Customer Direct Invoice Business Component in the **Receivables Management** Business Process



Provision to define the rate for trip in the flight contract and bill the customer based on trips

Reference: AHBG-14200

Background

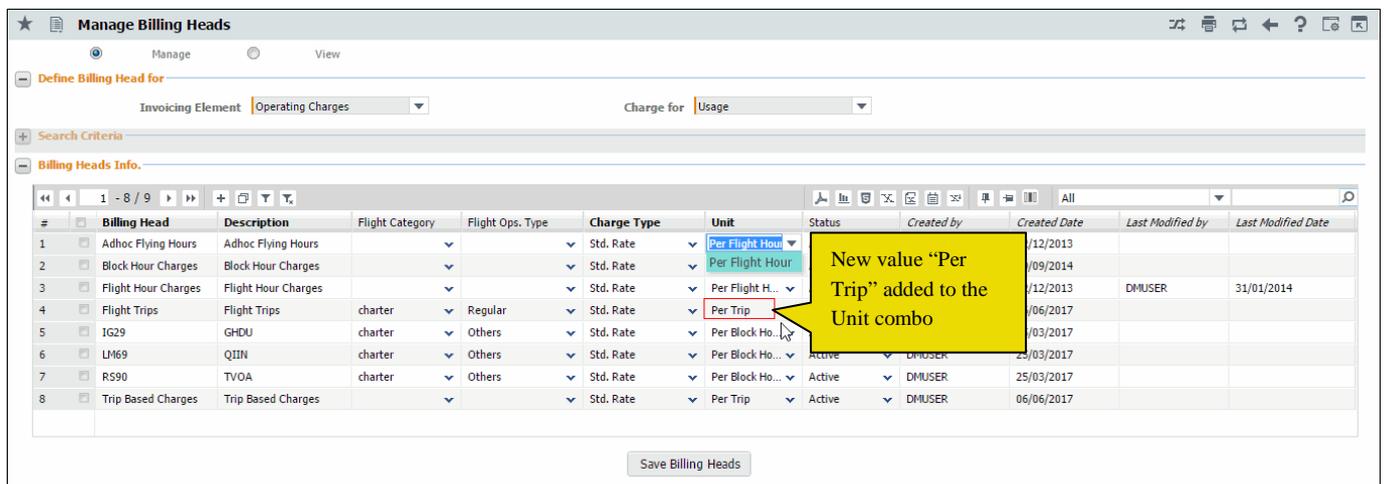
Some companies bill customers based on the number of trips the flight has flown instead of the block hours or Flight Hours. Therefore, in order to enable the user to bill the customer based on the number of trips in the flight contract, this change has been introduced. Here the No. of trips is to be defined as a user defined parameter value in journey log and hence, this information has to be received from the journey log as a leg level parameter. Also the quantity will be derived based on the set options.

Change Details

A new value 'Per Trip' has been added to the **Unit** combo in the 'Billing Heads Info.' multiline in the **Manage Billing Heads** page of the **Flight Operations Setup** business component.

Exhibit 1:

Manage Billing Heads activity in the **Flight Operations Setup** business component



A new editable control "No. Of Trips" has been included in the header of the **JL Usage Info** tab page in the **Manage Flight Sheet** screen. This value is retrieved based on the set options as set in the **Edit Pricing & Info.** link page in the **Manage Flight Contract** activity of the **Flight Contract** business component as given below (Refer Exhibit:3):

Element	Description	Permitted Values
No. of Trips	One Journey log to be considered as one trip or each leg of the journey log to be considered as one	Enter: <ul style="list-style-type: none"> • "0" for 'One Journey log is one trip' • "1" for 'One Journey leg is one trip' • "2" for 'Not Applicable'

Exhibit 2:

JL Usage Info. tab page in the Manage Flight Sheet activity of the Flight Sheet business component

Usage Parameter Info.

Billing Parameter	Per Trip
No. of Trips	7

Journey Details

#	I	Dir.?	Journey Log #	Amd. #	Journey Leg #	Sta	From Time - UTC	End Time Ref.	To Date - UTC	To Time - UTC	Value (In Hours)	Value (In Decim)
1			JL-0001412013	0	1							
2			JL-0001412013	0	2							
3			JL-0001412013	0	3							
4			JL-0001422013	0	1							
5			JL-0001422013	0	2							
6			JL-0001422013	0	3							
7			JL-0001422013	0								

Exhibit 3:

Parameters tab page in the Edit Pricing & Invoicing Info. link page in the Manage Flight Contract activity of the Flight Contract business component

Parameters

#	Category	Element	Description	Value	Value Selected	Permitted Values	Notes
20	Billing	Exch.Rate - Ref.Date	Rate conversions from contract currency to billing currency - Final	0	Inv.Milestone Date	Enter "0" for 'Inv.Milestone Date'	
21	Billing	Exch.Rate - Ref.Date	Rate conversions from contract currency to billing currency -	0	Inv.Milestone Date	Enter "0" for 'Inv.Milestone Date'	
22	Billing	Exch.Rate - Ref.Date	Value conversion from exp.invoice currency to billing currency -	0	Inv.Milestone Date	Enter "0" for 'Inv.Milestone Date'	
23	Billing	Exch.Rate - Ref.Date	Value conversion from exp.invoice currency to billing currency -Final	0	Inv.Milestone Date	Enter "0" for 'Inv.Milestone Date'	
24	Billing	Billable Block Hours	Exclude Engine Start to Taxi Out Time from Block Hours for billing			Enter "0" for 'Yes', "1" for 'No', and	
25	Billing	Flight Time for Std.Burn Rate	Aircraft Usage on which Std.Burn Rate to be applied			Enter "0" for 'Flight Hour', "1" for	
26	Billing	Fuel Consumption Rate	Rate reference for fuel consumption			Enter "0" for 'Flight Contract', "1"	
27	Billing	Exchange rate type	Exchange rate type for flight billing			Enter any valid exchange rate type	
28	Billing	Billing Currency	Invoice Processing Currency			Enter "0" for 'Contract Currency'	
29	Billing	No Of Trips	One Journey log to be considered as one trip or each leg of the journey	0	One Journey log is	Enter "0" for 'One Journey log is	

WHAT'S NEW IN SALE QUOTATION?

Modification of Materials and Resource prices in CO Currency in the Sale Quotation

Reference: AHBG-15201

Background

In some cases, the prices of consumed resources needs to be changed in the Quotation, however, currently the value can be modified in SPL currency alone. Therefore, the requirement is to modify values of the resources in Quote/CO currency.

Change Details

In order to modify the Materials Markup in Sale Quotation, two new controls has been added under the **Resource** tab as editable columns:

- Base Rate (CO Curr.)
- Unit Markup (CO Curr.)



Note that on entering the above mentioned fields, other pricing related fields such as 'Unit Price', 'Extd. Base Rate', 'Extd. Markup', 'Final Price' and so on will get updated automatically on click of the 'Save' pushbutton.

Exhibit 1:

Resource tab in the **Manage Sale Quotation** of the **Service Sale Quote** business component under the **Service Sales Management** business component

The screenshot displays the 'Manage Sale Quotation' interface. At the top, it shows 'Quotation # / Rev. # CO-007823-2017/0', 'Customer Name Customer 8', and 'Cust. Order # CO-007823-2017'. The 'Quote Value' is 0.00, and the 'Repl. Value' is 0.00000000. The 'Resources' tab is selected, showing a table with columns: '#', 'Unit Price', 'Pricelist Curr.', 'Exch. Rate', 'Base Rate (CO Curr.)', 'Unit Markup (CO Curr.)', 'Unit Price (CO Curr.)', and 'Extd'. The 'Base Rate (CO Curr.)' and 'Unit Markup (CO Curr.)' columns are highlighted with red boxes. A yellow callout box points to these columns with the text: 'Newly added editable columns 'Base Rate (CO Curr.)' and 'Unit Markup (CO Curr.)'.' Below the table, there are buttons for 'Re-Compute Cap.', 'Save Resources', 'Confirm', 'Return', and 'Cancel'. The interface also shows 'Total Billable Labour Price 0.00' and 'Total Billable Facility Price 0.00'.

Quote Computation - Logic

On Quote creation, the two newly added columns, 'Base Rate (CO Curr.)' and 'Unit Markup (CO Curr.)' and other pricing columns in the **Resource** tab of the **Manage Sale Quotation** activity is computed as below:

- Base rate (CO Curr.) = Base Rate x Exchange Rate
- Unit markup (CO Curr.) = Unit Markup x Exchange Rrate
- Unit Price (CO. Curr) = Base rate (CO Curr.) + Unit Markup (CO Curr.)
- Extd. Base rate = Base rate (CO Curr.) x Quantity
- Extd. Markup = Unit Markup (CO Curr.) x Quantity
- Final Price = Extd. Base Rate + Extd. Markup

WHAT'S NEW IN TIMESHEET?

Ability to record, store and display time records in the local time zone in Time and Attendance

Reference: AHBG-14538

Background

Currently, Time and Attendance for an employee is allowed, stored and viewed in the system time zone. The current requirement is to be able to record, store and view the time sheet and attendance records in the respective time zones.

Therefore, the system should be able to identify the workstation from which the employee is recording the Time and Attendance and also view the records in the respective time zones in which the employee has reported the time and attendance. The supervisor should be able to authorize the time sheet and attendance records based on the workstation in which the employee has reported time.

Change Details:

To meet the above requirements, a new combo control 'Rep. Work Station' has been added in the header of the **Launch Kiosk**, **Time Tracking** and **Authorize Time Records** activities in the **Timesheet** business process under the **Time Tracking** business process. This field will capture the workstation from where the time is recorded and is loaded with the available work stations and defaulted with the login employee's primary work station.

Exhibit 1:

Launch Kiosk activity in the **Timesheet** business component.

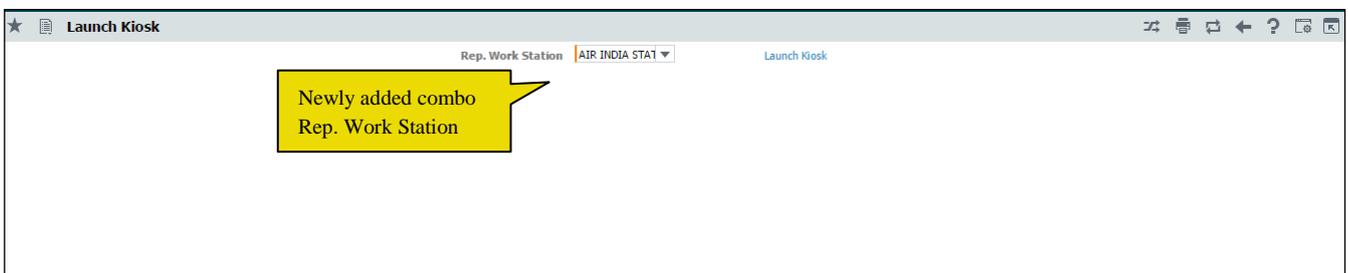


Exhibit 2:

Time Tracking activity in the **Timesheet** business component

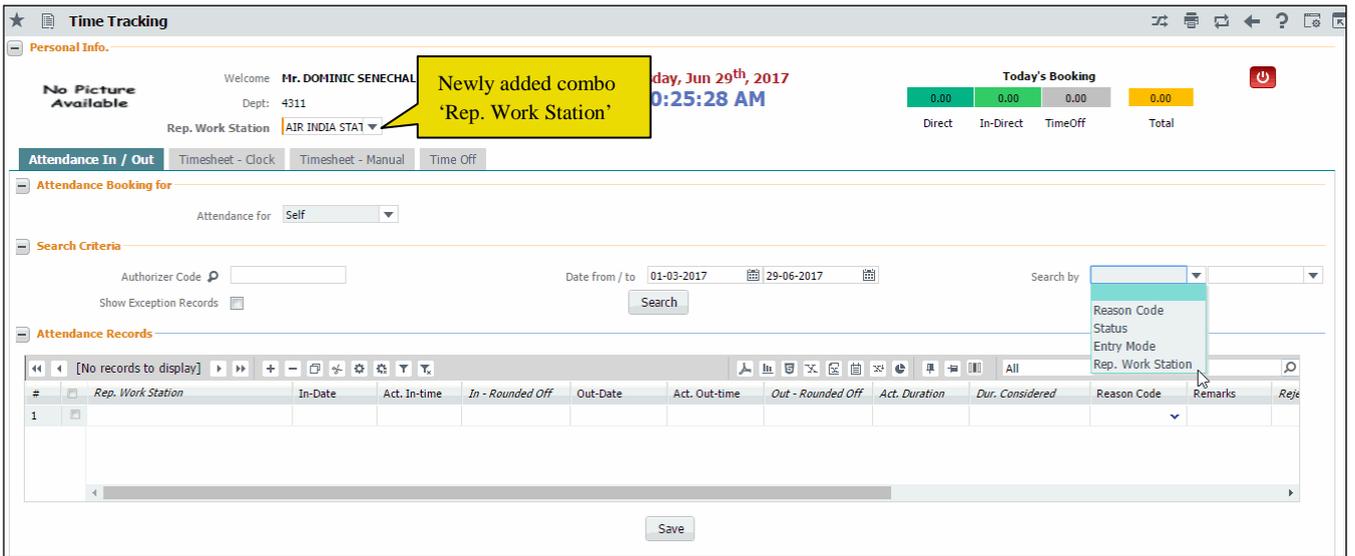


Exhibit 3:

Timesheet – Clock tab page in the **Time Tracking** activity in the **Timesheet** business component

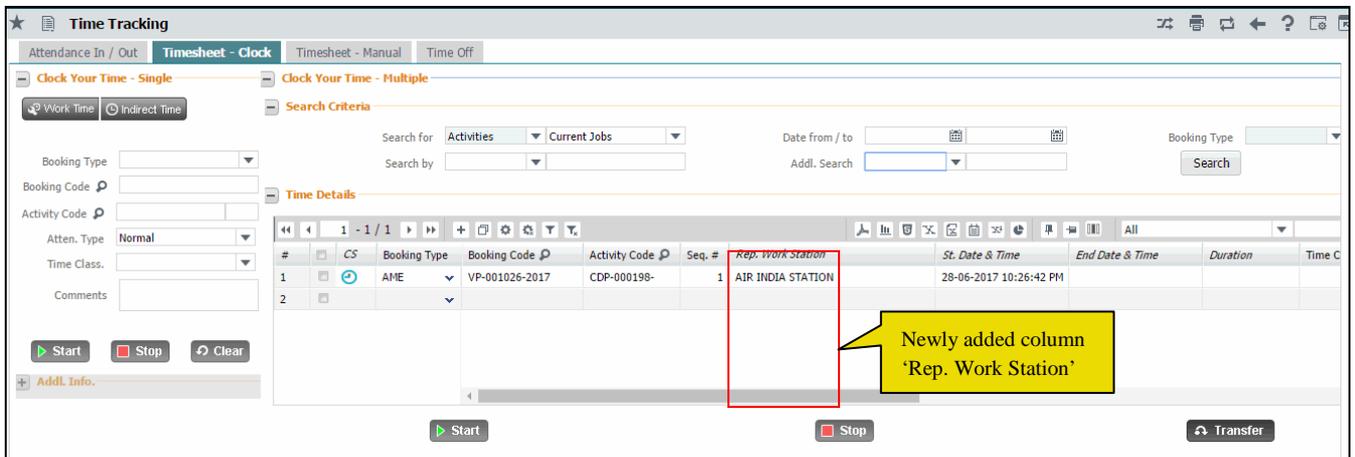


Exhibit 4:

Timesheet – Manual tab page in the **Time Tracking** activity in the **Timesheet** business component

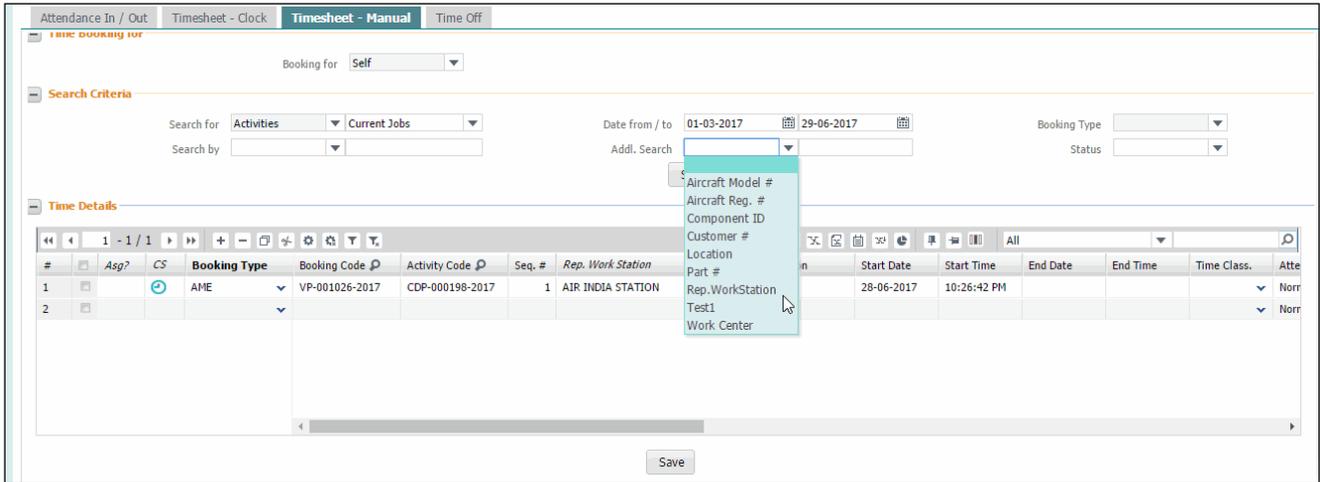


Exhibit 5:
Time Off tab page in the Time Tracking activity in the Timesheet business component.

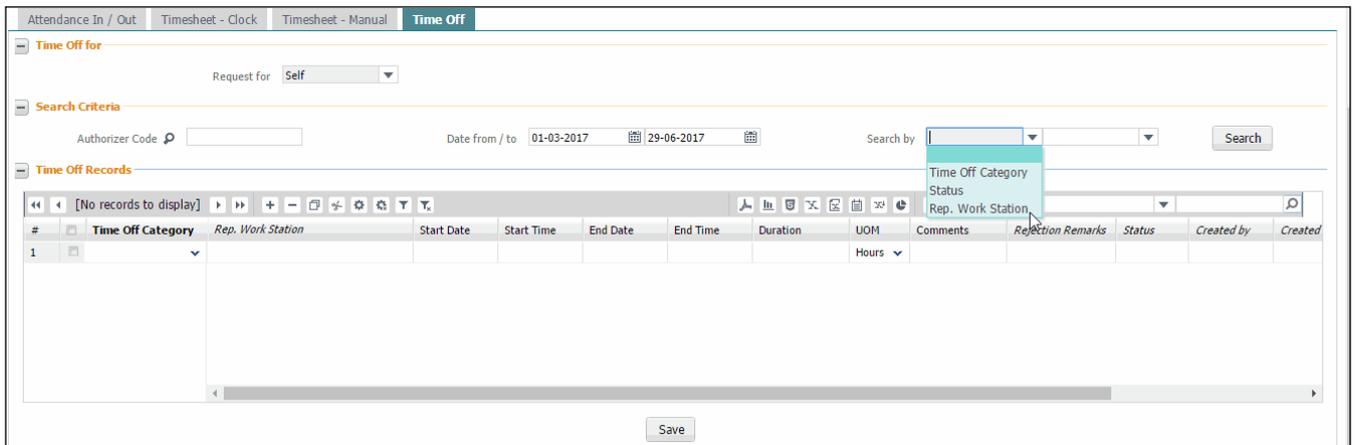
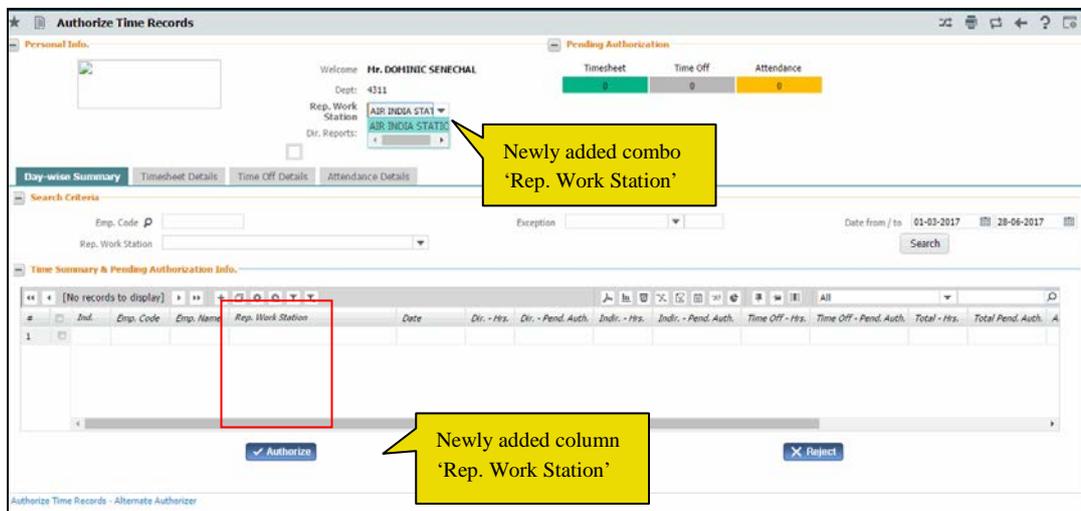


Exhibit 6:
Authorize Time Records activity in the Timesheet business component.



WHAT'S NEW IN SERVICE PRICELIST AND SERVICE SALE BILLING?

Ability to price Resources based on Roster Codes

Reference: AHBG-12300

Background

This feature has been included in the **Service Pricelist** business component to enable the user to price the resource "Skill" on the basis of the specified Roster Code, where the rates defined are based on the working day and the working time of the employee performing the skill.

Change Details

Provision has been given to specify the "Pricing Method" for the Resource Type "Skill" as Roster Code. The Roster Code pricing details can be defined in the **Edit Roster Code Details** link page.

The option 'Roster Code' has been included in the 'Pricing Method' column in the multiline of the 'Resource Pricing' tab in the **Manage Service Pricelist** activity

The option 'Work Time' has been included in the 'Roster Code' drop-down list box in the 'Roster Code Option' section of the **Edit Roster Code Details** link page in the **Manage Service Pricelist** activity.

Exhibit 1:

Resource Pricing tab page in the **Manage Service Pricelist** activity of the **Service Pricelist** business component

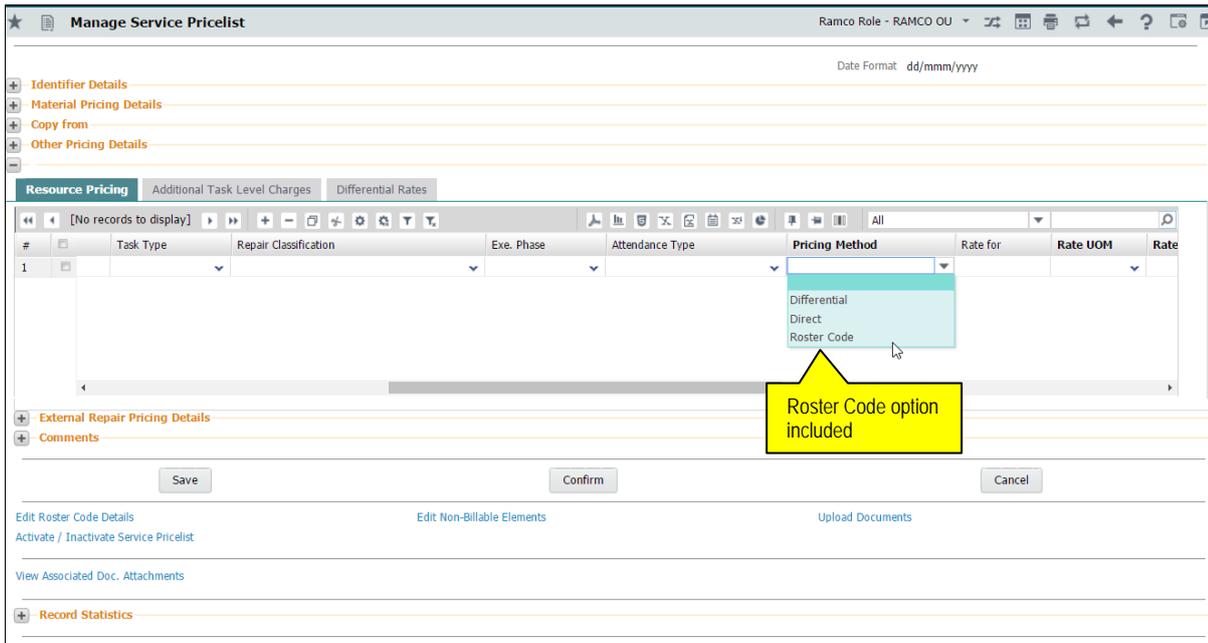
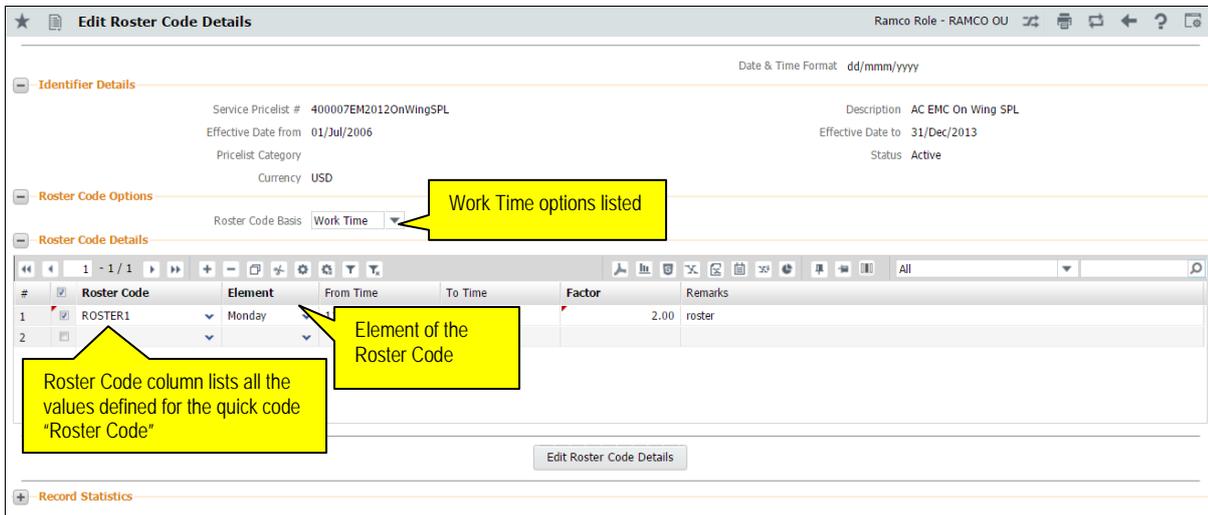


Exhibit 2:

Edit Roster Code Details link page in the **Manage Service Pricelist** activity

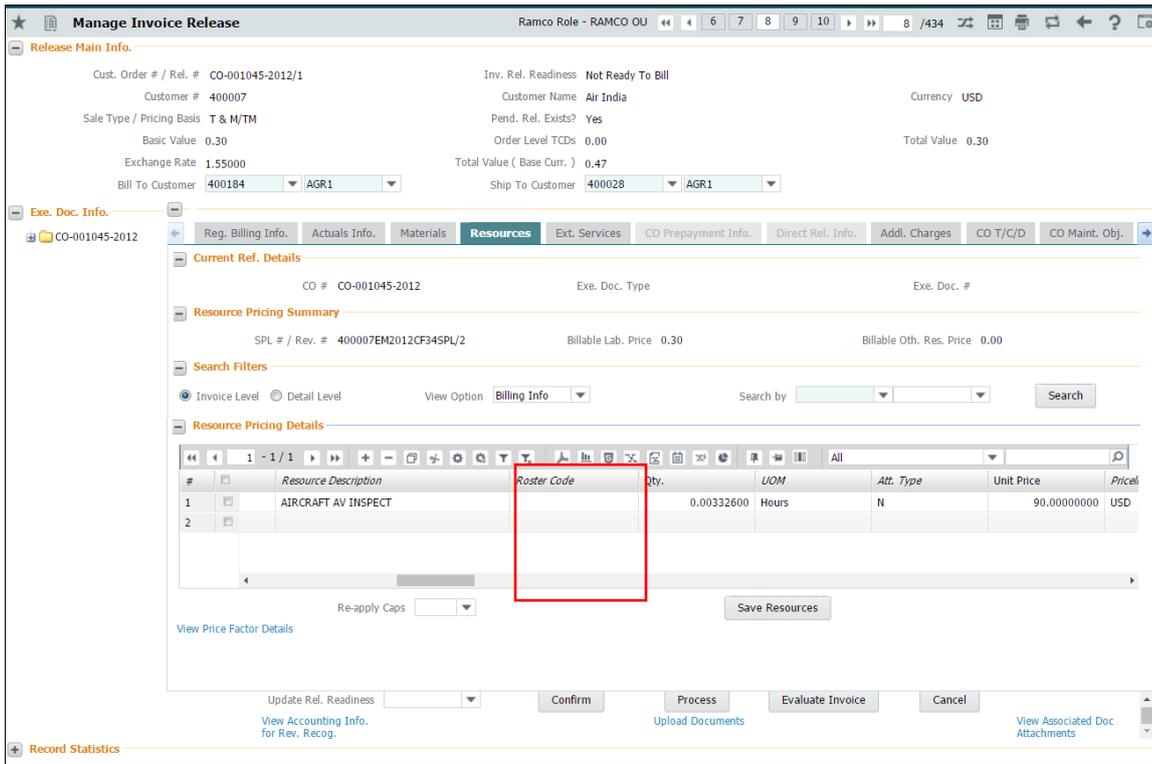


Note that the Element Column in the Roster Code Details multiline lists values as follows based on the Roster Code Option selected:

- a. If Work Time is selected the system lists all the predefined values

Exhibit 3:

'Resource' tab in the **Manage Invoice Release** link in the **Select Customer Order – Services** page of the **Process Invoice** activity in the **Service Sale Billing** business component



Resource Pricing through Roster Codes:

Pricing for a particular skill or equipment is defined on the basis of Roster Codes; the reported actuals against these resources determine the derivation of the price factor.

For Example:

Let skill 'MECHANIC' be priced under Roster Code, with base rate as 75 USD per hour and let the roster code break-up be as follows:

Roster Code	Element	Factor
Working-Day-1	Monday	0.05
Working-Day-2	Tuesday	0.05
Holiday-1	Sunday	0.08

If the skill MECHANIC has been reported against a task as, say from 11:30 PM on 23/04/2017 (Sunday) till 4:30AM, 24/04/17 (Monday).

The pricing is derived by matching the day on which the actuals are booked with the calendar in the application, which is compared with the Element under Roster Code details to retrieve the price factor. Thus in the above example, pricing will be as follows:

MECH – 23.04.2017 – 11:30 PM to 12:00 AM – 30 Mins = 0.5 Hour = 0.5*75 + (37.5*0.08) = 40.5 USD

MECH – 24/04/2017 – 12:00AM – 4:30 AM – 4.5 Hours = 4.5*75 + (337.5*0.05) = 354.35 USD

Thus, the pricing is done in above shown manner.

Ability To Display Task Completion Date in Manage Invoice Release

Reference: AHBG-11776

Background

This feature has been enabled to provide visibility of the actual date on which the task is completed while raising a bill. This will help the user to find the time difference between the date on which the task is completed and the date on which it is invoiced. Also, information pertaining to whom the invoice has to be billed and where the bill has to be shipped with a provision to modify the same is also provided.

Change Details

In the **Manage Invoice Release** link page from the **Select Customer Order – Services** page of the **Process Invoice** activity in the **Service Sale Billing** business component, the following changes have been made:

In the Header Section

1. Two new drop-down list boxes have been added as follows:
 - a. Bill To Customer
Bill To Customer ID (Adjacent Drop-down list box)
 - b. Ship To Customer
Ship To Customer ID (Adjacent Drop-down list box)

In the 'Billing Ref. Details' section of the 'Reg. Billing Info.' tab page.

2. A new column 'Task Completion Date' has been added

Notes:

Bill To Customer indicates the customer to whom the service must be billed.

Ship To Customer indicates the customer to whom the serviced part must be shipped.

Exhibit 1:

'Reg. Billing Details' tab in the Manage Invoice Release screen

The screenshot displays the 'Manage Invoice Release' interface. At the top, the 'Release Main Info.' section shows details for Customer # 433376, Customer Name Customer 155, and Currency USD. Below this, the 'Bill To Customer' and 'Ship to' dropdowns are highlighted with a red box, both set to 433376 and Ship to 1. The 'Reg. Billing Info.' tab is active, showing 'Release Details' with Invoice Type Regular, Invoice Category Final, and Invoice Basis Quote. A yellow callout box points to this tab with the text: 'Bill To Customer' and 'Ship To customer' details. The 'Billing Summary' section shows various price and charge details, all with 0.00 values. At the bottom, there are buttons for 'Confirm', 'Process', 'Evaluate Invoice', and 'Cancel', along with a 'Re-Compute & Save Price' button.

Exhibit 2:

'Reg. Billing Details' tab in the Manage Invoice Release screen

The screenshot displays the 'Manage Invoice Release' interface. The 'Reg. Billing Info.' tab is active, showing various invoice details. A table titled 'Billing Ref. Details' is visible, with a new column 'Task Compl Date' highlighted by a red box and a yellow callout box stating 'Newly added column "Task Completion Date"'. The table currently shows no records.

#	Task Ref. Date	Task Compl Date	Task Source Doc. #	Repair Classification	Repair Process
1					

WHAT'S NEW IN CUSTOMER DIRECT INVOICE?

Provision to bill purchases made on behalf of Customers

Reference: AHBG-12225

Background

Many a times, an MRO Organization may procure and stock the Customer Inventory. At times of replenishment, MRO organization procures this stock on behalf of the customer and the same will be billed back to the customer with the Vendor Invoice as a reference. This feature has been enabled in order to provide a framework to bill back such purchases that are made on behalf of a Customer.

Change Details

The **Edit Pack Slip Invoice** activity has been modified as **Manage Pack Slip/Bill Back Invoice**, as this activity would now also manage the Purchase Order based Invoices in addition to the earlier Pack Slip and Part sale Invoices. The screen would act as an edit provision for Pack Slip and Part Sale Invoices while it would help in creation as well as modification for Bill Back invoices.

Important Points to be noticed

- A new categorizing option 'Invoice Type' has been introduced to filter for relevant documents. The same would contain the options – 'Bill Back Invoice', 'Pack Slip Invoice' and 'Part Sales Invoice'.
- 'Create' mode would be applicable only for Bill Back Invoice.
- All applicable Purchase Order documents that are ready for billing would be retrieved. The system also would indicate the Billable requirement as set in the Purchase Order. Provision has been given to the user to review and make a non-billable Purchase Order into a Billable one.
- Multiple Orders could be grouped into a single Invoice.

Setting options for bill back invoice

New parameters have been added as set options for the purchase orders for back billing for the option MRO Sales in the "Display Parameters For" drop-down list box as follows:

Parameter for Customer Bill Back Invoice

	Parameter For	Permitted Values
1	Billing basis of PO's raised on behalf of customer	0 for Supplier Invoice
2	Allow billing the Partially received Purchase Orders?	0 for No, 1 for Yes
3	Apply Exchange rate as on	0 for Supplier Invoice authorization date, 1 Bill back Invoice creation date
4	Allow billing the Invoice variance	0 for No, 1 for Yes

Exhibit-1:

Set Sales Process Parameters activity of the Customer business component in the Set Sales business process.

#	Parameter for	Process Parameter	Permitted Values	Value	Value Selected
49	Customer Portal	Enable payment against Service Sale / Part	Specify '0' for No	0	
50	Service Sale Quote	Allow Price revision of Fixed Prices on getting	Specify '0' for No and '1' for Yes	1	
51	Customer Order - Services	Allow modification to Customer PO in	Specify "0" for "Not Allowed" and "1" for	0	
52	Customer - Bill back invoice	Billing basis of PO's raised on behalf of	0 for Supplier Invoice	0	
53	Customer - Bill back invoice	Allow billing the Partially received / Invoiced	0 for No, 1 for Yes	0	
54	Customer - Bill back invoice	Apply Exchange rate as on	0 for Supplier Invoice authorization date, 1 Bill	1	
55	Customer - Bill back invoice	Allow billing the Invoice Variance	0 for Not applicable	0	
56					

Record Statistics

Created by
Last Modified by DMUSER

Created Date
Last Modified Date 15/May/2017

Retrieval of Purchase Orders for Invoicing:

A Purchase Order is eligible for invoicing once the corresponding Vendor/Supplier Invoice for the purchased parts are received. Also, it is possible to choose if invoicing partially received Purchase Order is permitted as an organizational policy under the **Set Sales Process Parameters** activity in the **Customer** business component. Thus, if invoicing partially received orders is set as “Allowed”, then as and when the Supplier Invoices are recorded for received parts, the same can be invoiced as a Bill Back Invoice. On the contrary, if it is set as “Not Allowed”, then the document would be ready for invoicing only after Supplier Invoice is recorded for all ordered/received parts.

Making a Non-Billable Purchase Order Billable:

Any purchase order can be flagged as non-billable at the time of creation itself. Hence, after the Supplier Invoice(s) are recorded, the same non-billable PO would be retrieved for Invoicing. User can review this document and choose to invoice it here by simply selecting ‘Yes’ from the ‘Invoice Required?’ drop-down list box and saving it. Similarly, a billable Purchase Order can also be made to be non-billable.

Manage Pack Slip/Bill Back Invoices - Select Ref. Doc./Invoice:

The screen has two different views for documents – Creation of Invoices (applicable only for Bill Back) and Edit Invoice (applicable for Pack Slip, Part Sales and Bill Back Invoices). Multiple search criteria based on Date, Reference Documents, Customer or Supplier has been provided to retrieve the documents.

Multiple Purchase Orders of the same customer must be selected to be grouped into a single invoice, by clicking on the **Manage Invoice** link. (Refer Exhibit 1 & 2).

Creating Bill Back Invoice:

Bill Back Invoice can be created by selecting the **Manage Invoice** link from the **Select Pack Slip/Bill Back Invoice** screen. Once launched, the **Manage Pack Slip/Bill Back Invoice** screen would retrieve and display

detailed information of the Parts along with the Quantity Ordered, Billable Quantity, base rates along with Taxes, Charges and Discounts from the Purchase Order. (*Refer Exhibit-3*).

A document may also have a variance from the Supplier Invoice. The user can choose to bill this supplier invoice variance by setting up a process parameter in the **Set Sales Process Parameters** page to allow invoicing of supplier invoice variance. If this is set as 'Not Allowed', the system will deduct the variance value from the invoice amount automatically.

Adjustment or modifications can be done at the quantity level for each part in a Purchase Order at the time of invoicing. The Order Quantity of a Part is as from the Purchase Order, while the 'Addl. Ref. Qty' indicates the quantity of parts that are ready to be invoiced, which depends on the partially received orders. Already Invoiced Quantity would show the number of parts that have been already invoiced to the customer against the same Order. Also, if there is a quantity that the MRO does not want to invoice the customer for, this can be updated as a 'Non-Billable' quantity. Thus, the difference between 'Order Qty', 'Addl. Ref. Qty', 'Non-Billable Qty' and 'Already Invoiced Qty' will give the actual Billable Qty of the invoice. If there are any further modifications needed, the same can be done in the 'Proposed Qty' column. (*Refer Exhibit-4*)

Also, modification of unit rates and mark-up is allowed against each part. After all modifications, the amount to be invoiced can be re-computed.

Edit Bill Back Invoice:

Modifications to a Bill Back Invoice can be made with the help of the Invoice # hyperlink from the Edit Invoice Category of **Select Ref. Doc./Invoice** screen. Various information such as quantity, rates, document level and options such as Currency, Customer Details and Payment Details can be reviewed and modified. The Invoice

Value Summary card displays the total value of Basic Price, Total TCD, etc., for the Invoice in invoice currency.

In the case of Pack Slip invoice, the provisions to Return or Delete an invoice are provided for Bill Back Invoice as well.

Accounting Impact

Pre-requisite for procurement of parts on behalf of customer (Non-Group Company)

A new Automatic Post Account Type: "CUSTOMER PENDING BILLBACK" has been introduced to account for all the part and TCD costs incurred while Part(s) are procured on behalf of customer with the intention of billing it back to customer for reimbursement. The value of Part Cost will be accounted to this automatic posting account type during Goods Receipt. The value for Taxes, Charges and Discount added in Purchase Order with Account Rule as "Add to Stock" will be accounted in the automatic posting account type. The balance in Customer Pending Bill-back will be knocked off proportionate to the number of quantity invoiced billed back to Customer using Customer Bill back Invoice.

The break-up information for the balance in the "CUSTOMER PENDING BILLBACK" can be reviewed in the **View Account Balance** report (**Book Keeping → Finance Book Processing → View Account Balance**) for the Transit Account Type "CUSTOMER PENDING BILLBACK".

A new pre-defined usage “COGS-BB” (Cost of Goods Sold – Bill back) has been introduced to book the cost incurred through such on behalf Purchase Orders. The postings of the same will be triggered when Billback invoice is raised to the customer. Balance in Customer Pending Billback will be knocked off proportionately to COGS-BB on two instances; firstly when invoice is billed back to the customer and secondly, when the Purchase Orders are flagged as “Invoice Not Required”.

Another new pre-defined usage “BBREV” (Bill Back Revenue) has been introduced to book revenue for the goods purchased on behalf of customers. The BBREV accounting will take place during authorization of Bill Back Invoice.

Accounting Entries during Bill back of Invoice

PO: Billable to Customer?	Transaction	Invoice Not Required?	Account Postings	Cost Center
Yes	Bill back Invoice – Entry point screen	No	Dr. COGS-BB Cr. Customer Pending Billback	Default Cost Center
Yes	Bill back Invoice	Yes	Dr. COGS-BB Cr. Customer Pending Billback Dr. Customer Control Account Cr. BBREV Account (Pre-defined Usage)	Cost Center captured during Billback Invoice
No	Bill back Invoice	Yes	Dr. Customer Control Account Cr. BBREV Account (Pre-defined Usage)	
No	Bill back Invoice - Entry point screen	No	No Account Postings	

Exhibit-2:

Select Ref. Doc./Invoice – Create mode

The screenshot shows the 'Select Ref. doc/Invoice' interface in 'Create Invoice' mode. The 'Invoice type' is set to 'Bill Back Invoice'. The search criteria include 'Ref. doc. type / Ref. doc #' set to 'Purchase order' and 'Ref. doc. date from' set to '27/Mar/2017'. The search results table displays the following data:

#	Ref. doc. type	Ref. doc. #	Ref. doc. date	Addl. ref. type	Addl. ref. #	Addl. ref. date from	Customer #	Supplier #	Addl. ref. value	Addl. ref. currency	Billable	Invoice required?
1	Purchase order	OCPO-000061-2017	04/Apr/2017	Supplier Invoice	SI-001099-2017	04/Apr/2017	400007		0.00	CAD	Yes	✓
2	Purchase order	OCPO-000091-2017	19/Apr/2017	Supplier Invoice	SI-001105-2017	19/Apr/2017	400604	00000	1,522.50	EUR	Yes	✓
3	Purchase order	OCPO-000105-2017	21/Apr/2017	Supplier Invoice	SI-001115-2017	22/Apr/2017	400006	00000	10,000.00	CAD	Yes	✓
4	Purchase order	OCPO-000114-2017	26/Apr/2017	Supplier Invoice	SI-001121-2017	26/Apr/2017	400006	00000	872.00	USD	Yes	✓
5	Purchase order	OCPO-000114-2017	26/Apr/2017	Supplier Invoice	SI-001124-2017	27/Apr/2017	400006	00000	756.00	CAD	Yes	✓

Exhibit-3

Select Ref. Doc./Invoice – Edit Mode

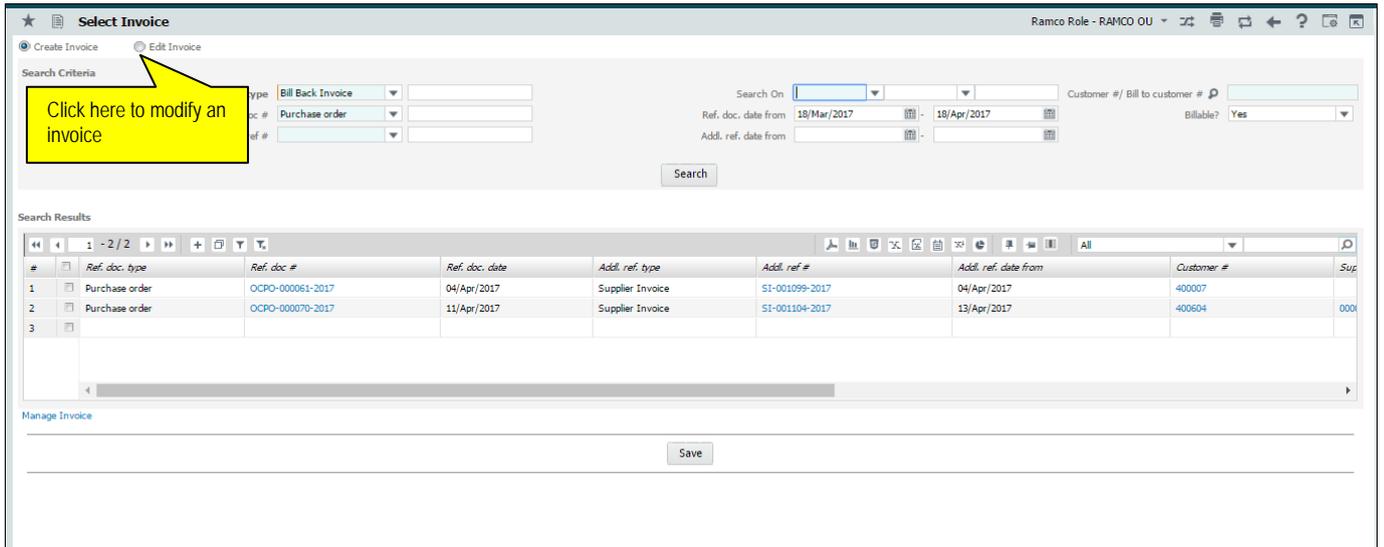


Exhibit-4:

Manage Pack Slip/Bill Back Invoice

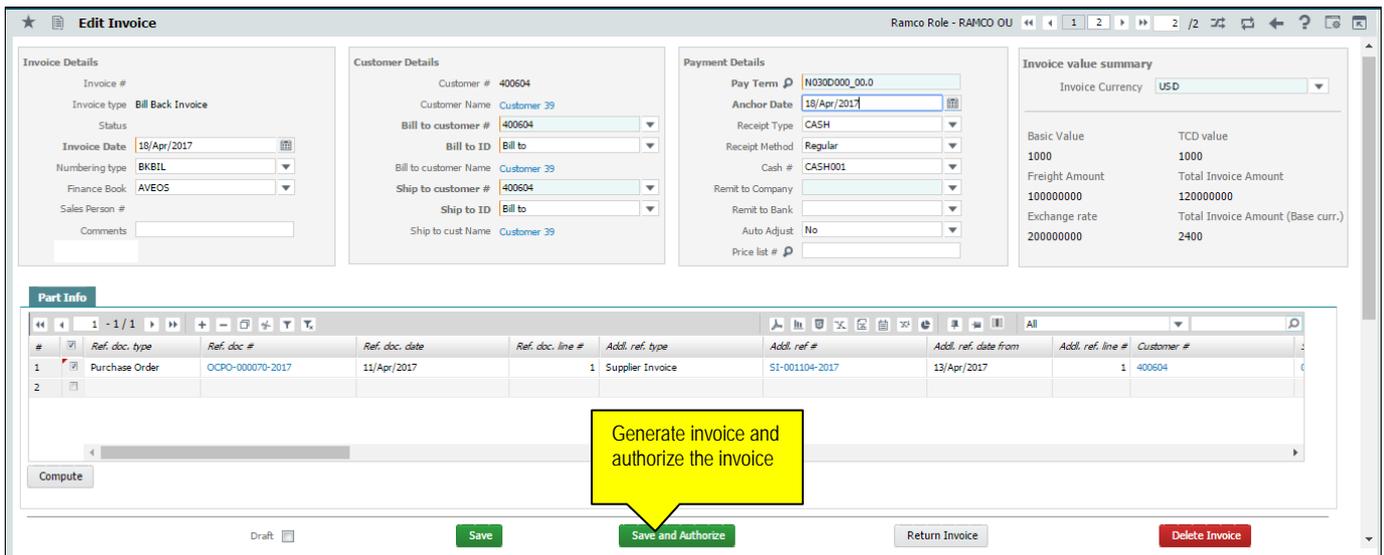
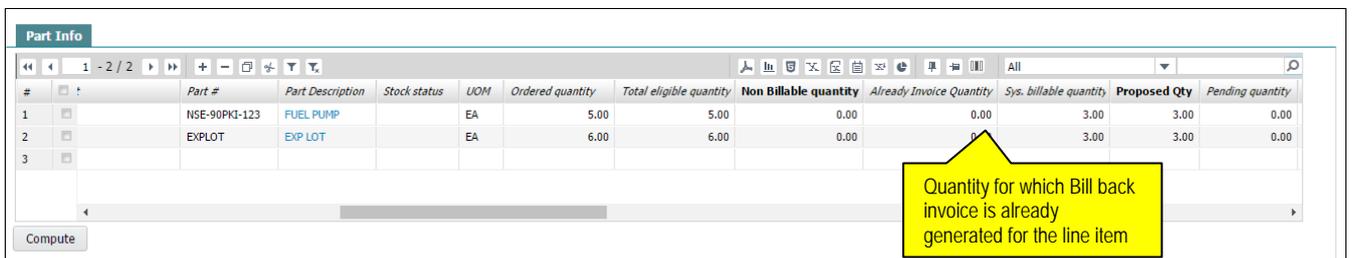


Exhibit-5:

Part Info tab - quantity variations for a part



WHAT'S NEW IN STOCK MANAGEMENT?

Ability to value customer stock in inventory and persist the value in transactions

Reference: AHBG-11495

Background

MRO organizations may maintain their customer's inventory and procure parts on behalf of their customers. Hence a need arises to value customer stocks and manage accounting for the inventory. This feature provides the ability to value customer stock in the inventory, manage accounting for the customer inventory and generate / publish reports on the stock value of the customer's inventory. This enhancement provides the following features:

- Ability to identify a Customer owned stock status as 'Valuated'
- Ability to identify customers whose inventory shall be valued
- Ability to persist the stock value for Customer Owned Parts (if transacted in Stock Statuses that are valuated) based on the Part's Valuation Method, Expense Type and Expensing Policy
- Ability to persist the stock value in the Inventory transactions like Stock Issue, Receipts, Returns, Corrections and Conversions
- Ability to generate Stock Reports for Customer Inventory with the Value of the same displayed
- Ability to manage Accounting for Customer Inventory (if the Customer is a group company)

Change Details

Logistics Common Master

A new set option is added under the Category 'Stock Maintenance' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component, to facilitate valuation of customer stock in inventory.

- 'Inventory Valuation of Customer Stock' with the following options:
 - Yes –Indicates valuation of customer stock in the inventory is required.
 - No – Valuation of customer stock is not required.

User Defined Stock Status

The Status Attribute 'Valuated?' is set as "Yes" for Customer Owned Stock Status in the **User Defined Stock Status** business component based on the above option set in the Logistics Common Master, to

identify valuation of customer owned parts.

Customer

A new set option 'Valuation of Revenue Parts' is added in the **Manage Additional Options** screen of the **Customer** business component to facilitate valuation of customer stock.

- ‘Valuation of Revenue Parts’ is added with the following options:
 - Required – Indicates that revenue parts needs to be valued for a given customer in the inventory.
 - Not Required – Indicates valuation of revenue parts for the given customer is not required

Exhibit 1:

Identifies the option setting added in **Set Inventory Process Parameters** screen

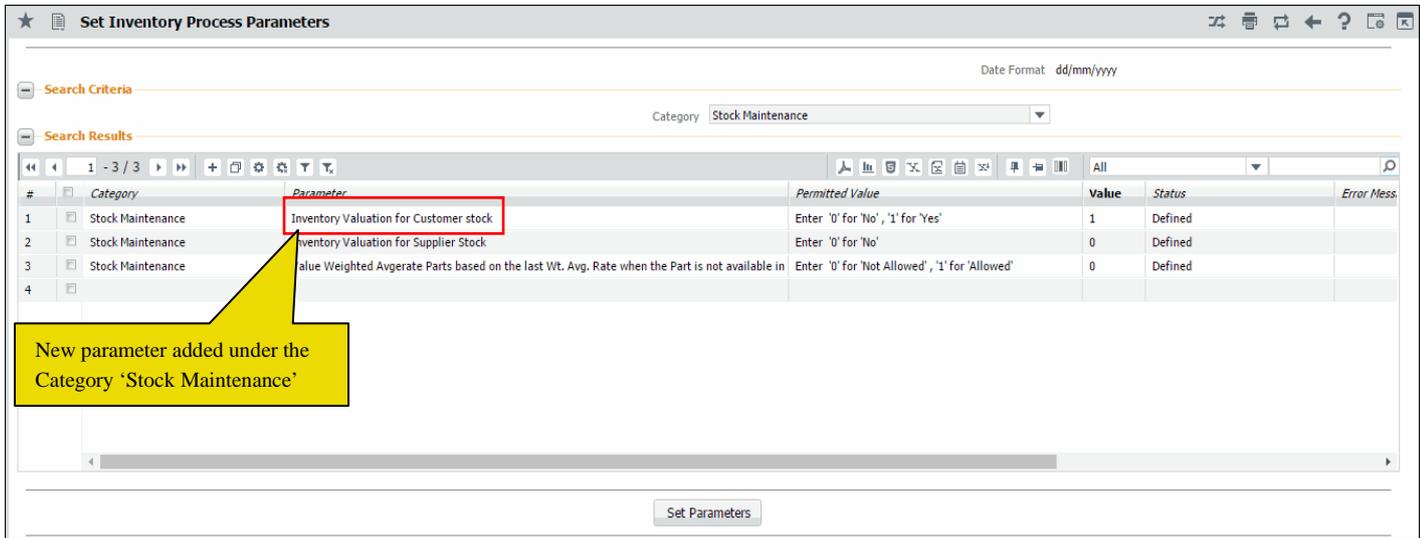


Exhibit 2:

Identifies the option setting added in **User Defined Stock Status** business component

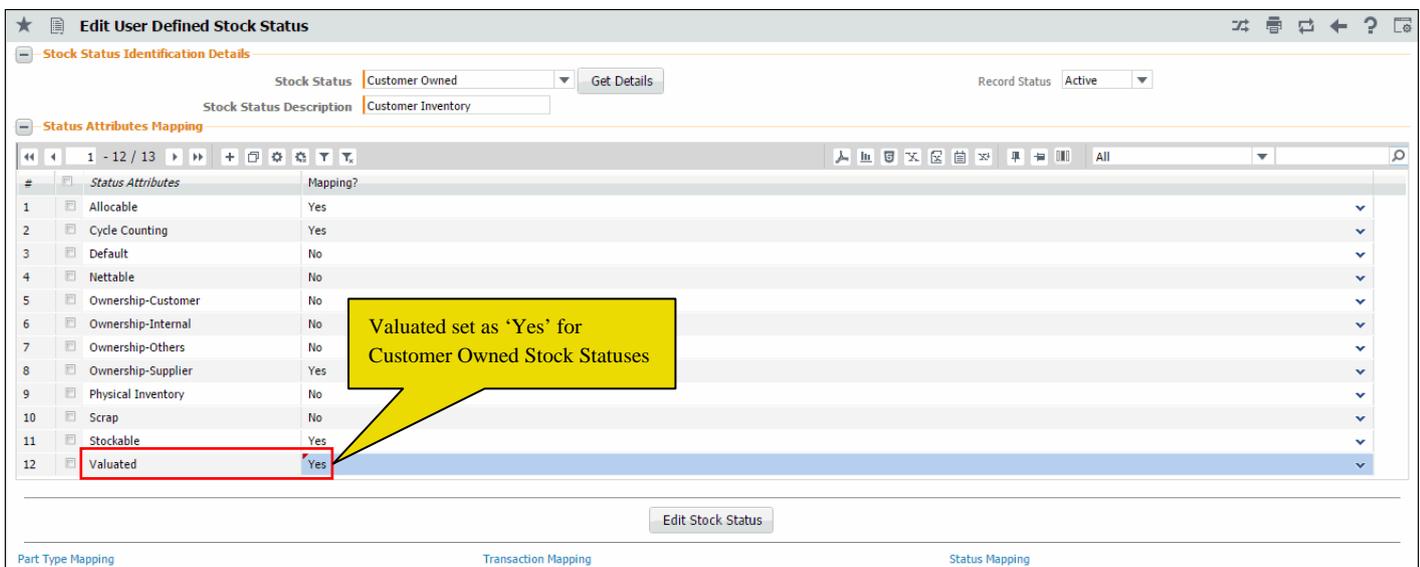


Exhibit 3:

Identifies the option setting added in **Manage Additional Options** screen in **Customer** business component

#	Category	Parameter	Permitted Values	Value	Error Message	Created by
1	Customer Part Usage	Usage of other Customer stocks	Enter '0' for 'Not Allowed', '1' for 'Allowed'.			
2	Customer Stock Valuation	Valuation of Revenue Parts	Specify '0' for 'Not Required' and '1' for			
3	Procurement for Customer	Parts purchase on behalf of Custom	Specify '0' for 'Not Required' and '1' for			
4	Procurement for Customer	Default numbering type for Purchase R	Specify a valid numbering type applicable for			
5	Procurement for Customer	Default numbering type for Auto Purchase	Specify a valid numbering type applicable for			
6	Procurement for Customer	Default numbering type for Purchase Order	Specify a valid numbering type applicable for			
7	Procurement for Customer	Default numbering type for Goods	applicable for			
8	Procurement for Customer	Default numbering type for Exchan	applicable for			
9						

Transaction Wise Customer Stock Valuation**Unplanned Receipt:**

The customer stocks brought into inventory via unplanned receipt will be valued if

- Part's expense type is 'Revenue'.
- For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- Cost will be taken as the Total Cost if it is entered (Validation to restrict entering of total cost for Customer Stock will be relaxed based on set option), else the Standard Cost of the Part and stock will be moved into inventory, provided the expensing policy of the part is other than 'On Receipt'.

Stock Return:

The customer stocks shall be valued if,

- Part's expense type is 'Revenue'.
- For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- Cost will be computed based on the Return Basis i.e., for Return Basis 'Excess Return' and 'Returnable', the part value shall be the issue cost. For return basis 'Core', the part value shall be computed based on the valuation method of the part, provided the expensing policy of the part is other than 'On Receipt'.

Stock Transfer Receipt:

The customer stocks brought into inventory via Stock Transfer Receipt will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Cost will be taken as the Issue Cost if issued customer part is valued, provided the expensing policy of the part is other than 'On Receipt'.

Tools Return:

The customer stocks brought into inventory will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Cost will be taken as the Issue Cost if issued customer part is valued, provided the expensing policy of the part is other than 'On First Issue'.

Kit Return:

The customer stocks will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Cost will be taken as the Inventory Cost if issued customer part is valued, provided the expensing policy of the part is other than 'On First Issue'.

Stock Issues:

The customer stocks will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Stock will be issued in the inventory with the cost it carries in the inventory.

Stock Correction:

The customer stocks brought into inventory will be valuated if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Cost will be taken based on the Valuation Method.

Stock Status Conversion:

The customer stocks brought into inventory via unplanned receipt will be valuated if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. If internal stock is converted to Customer Stock which is valuated, customer stock will take the internal stock value and vice versa.

WHAT'S NEW IN CUSTOMER PORTAL?

Ability to track the Part/Aircraft jobs by searching based on the Object Attributes

Reference: AHBG-15277

Background

In the **Customer Portal** screen, currently, the **Service Sale** section has jobs categorized and shown under different buckets such as, 'Current Jobs', 'Ready for Shipment', 'Recent Shipment' and so on. As of now, provision to track the order by searching based on 'Object Attributes' is enabled under each of the buckets categorized under the **Service Sale** section. As it is difficult to search the order under each category based on the Object #, the requirement is to enable customers to search and track the jobs performed based on the 'Object Attributes' like Part #, Serial #, A/C Reg #, A/C MSN # and based the Customer PO #. The search facility is already available for the **Part Sale** section and the same is enhanced to support **Service Sale** also.

Change Details

Search based on 'Object Attributes' that is 'Part #', 'Serial #', 'A/C Reg #', 'A/C MSN #', and different statuses of the document like 'Open Orders', 'On hold', 'Warranty Rejected', 'Pending Shipment' and so on has been enabled.

Also search based on Customer PO # and different dates like CPO Date, PDD, and Receipt Date has also been enabled.

Definitions

Open Orders: Indicates all the Customer Orders / Work Orders whose Execution Status is 'Under Planning' (Draft and Fresh), 'In-Progress' and 'Completed'.

On Hold: Indicates the orders which are on hold as the same pending for approval. Approval can be either operation related approval or commercial Approvals (Quote)

Pending Shipment: Indicates all the Customer Orders/Work Orders in which the jobs has been completed, Main Core is returned to the warehouse but Part is not yet shipped to customer.

Warranty Rejected: Indicates all the Customer Orders for which warranty is requested and Warranty resolution has been updated as 'Rejected' / 'Partially Rejected' should be displayed in the document list.

Exhibit 1:

Service Order tab page in the **Customer Portal** business component

Document List

Document ID	Date
TEST/0	26 Jul 2017
EA 2 EXPRESS U.S.RATE SH EET	
Disposal Charge	
PDD --	
Receipt Date	
CUST-12993093]/0	06 Jul 2017
EA 1 SEE 25-30-0515 TROLLEY	
Repair	
PDD --	
Receipt Date	06 Jul 2017
CUST-2003-02/0	06 Jul 2017
EA 1 SEE 25-30-0515 TROLLEY	
Repair	
pnn --	

TEST/0 Under Planning

Our Ref. #	Contract #	Work Details	On Advance Exchange ?	Source Part Shipped ?
CO-007859-2017	SQ-03/0	--		No
Core Due ?	Ref. Obj. #	Mfr. Serial #	Mfr. Lot #	Remarks
No	:35895	--	--	

Work Execution Detail

Task #	Task Description	Ref. #	Task Status	Out of Scope ?	Warranty Res.?	Held ?
1-50C-0000-CMM-	PME-2	CWO-008812-2017	Fresh	No	No	No

WHAT'S NEW IN PART SALE MANAGEMENT?

Ability to modify the contact person in part sale transactions

Reference: AHBG-15362

Background

Currently, whenever bulk orders are placed by customers from different locations, the MRO assigns individuals to each of the location from where the order is received. Hence the need is to change the contact person while raising the quotation or Part Sale Order based on location from which order is received.

Change Details

The Contact Person field which currently is a display-only field has been made a combo control that lists all the contact persons defined for the specified Address ID of the customer.

Manage Customer Request/ Manage Pre-Quote / Manage Part Sale Order - *On selection of Address ID and Shipment ID*

1. In the **Contact Info** tab and **Shipment Info** tab, on entering the Customer, the system fetches the default Address Id from the respective Masters.
The system defaults the contact person in the first line of the Address ID in the **Contact Person** field in both the 'Contact Info Tab' and 'Shipment Info tab' pages
2. On selection of **Contact Info Address Id**, the system defaults the contact person that has been defined as "Default External" in the **Customer Master**. The **Contact Person** field loads the list of contact person specified against the Address Id and is editable.
3. On selection of **Shipment Info Address Id**, the system defaults the contact person that has been defined as "Default External" in the **Customer Master**. The Contact Person field loads the list of contact person specified against the Address Id.

Ability to capture the requested part details in part sale transactions

Background

In case where there is non-availability of the Parts requested by the customer, the MRO sends some other equivalent part. In such case, the MRO needs to capture the requested Part # and the equivalent Part # that is to be to be shipped.

Change Details

RFQ Based Pre-Quote:

Two new editable fields **Req. Part #** and **Req. Part Description** has been added in order to enable modifications to the **Requested Part Information** in the Quotation screen

Direct Quote:

In case of Direct Pre-Quote the **Req. Part #** and **Req. Part Desc.** fields are not mandatory but has to be entered manually. Note that the values specified in these fields will not be validated

Ability to capture the estimated lead time in part sale transactions

Background

While raising the Quotation/Sale Order, specifying the Exp. delivery date cannot be specified before the order has been confirmed by the customer. Hence MRO needs to capture the Estimated Duration (In days, week, month) in order that the part be delivered within the specified duration once the order confirmation given by the customer.

Change Details

Details of estimated duration in Pre-Quotation and Part Sale Order

Two new columns Est. Duration and Unit have been added both in the Pre-Quote and Part Sale Order (Part Info tab) screens. In pre-quotation, existing mandatory field 'Exp. Delivery Date' has been made as 'non-mandatory.. Either the Exp. Delivery Date or the Est. Duration has to be provided. Based on Est. Duration entered in Quotation, Exp. Delivery date will be auto computed in the quote based sale orders.

Exhibit 1:

Shipment Info tab of the **Manage Part Sale Order** activity in the **Part Sale Order** business component under the **Part Sale Management** business process

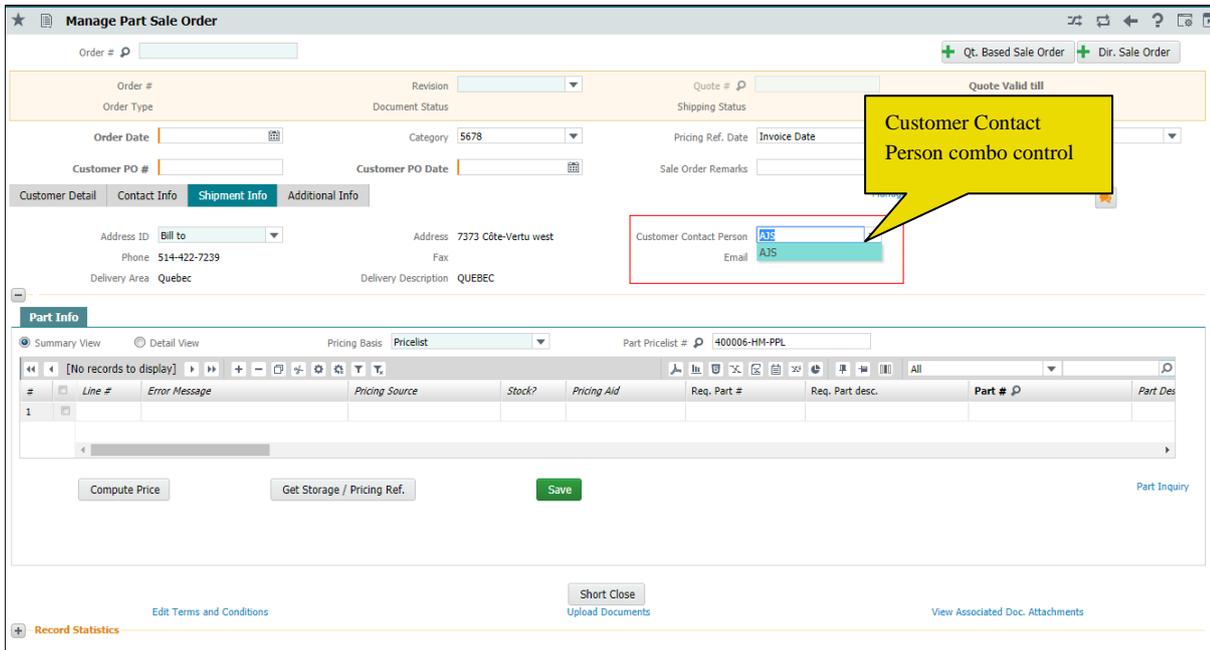


Exhibit 2

Additional Info tab in the **Manage Pre-Order Quotation** activity in the **Pre Order Quotation** business component under the **Part Sale Management** business process

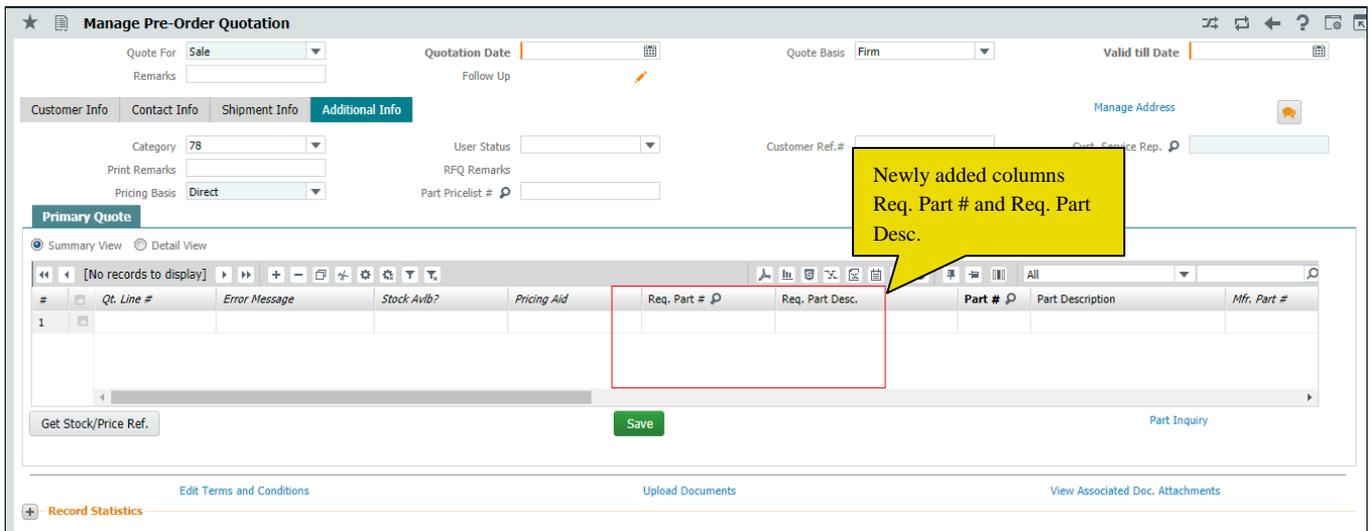


Exhibit 3:

Customer Detail tab in the **Manage Part Sale Order** activity in the **Part Sale Order** business component under the **Part Sale Management** business process

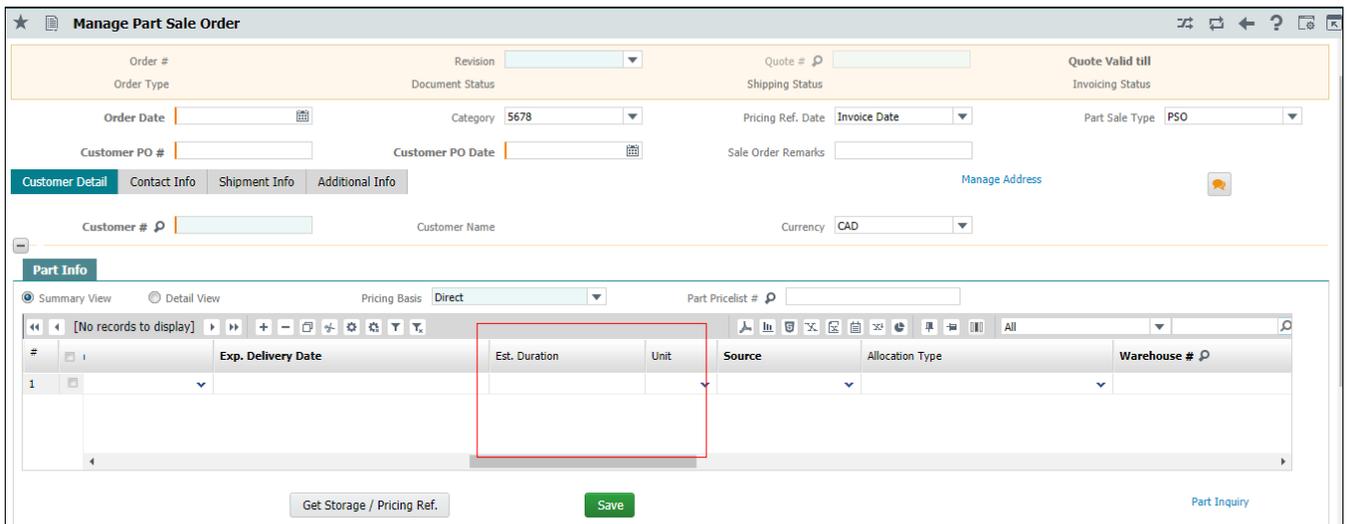


Exhibit 4:

Additional Quote tab in the **Manage Pre-Order Quotation** activity in the **Pre Order Quotation** business component under the **Part Sale Management** business process

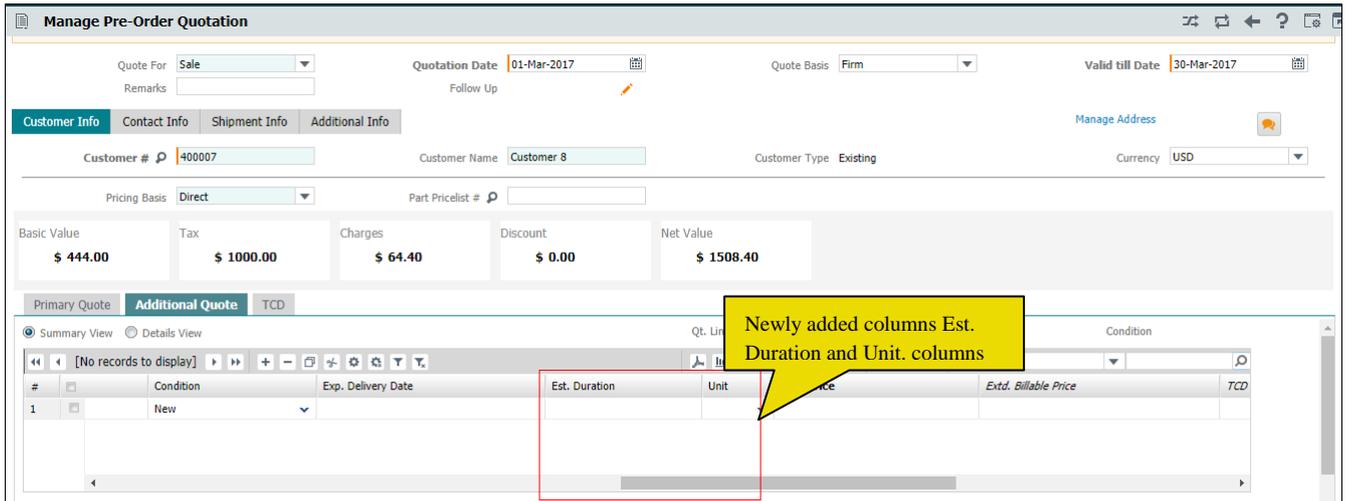


Exhibit 5:

Primary Quote in the **Customer Info** tab in the **Manage Pre-Order Quotation** activity in the **Pre Order Quotation** business component under the **Part Sale Management** business process

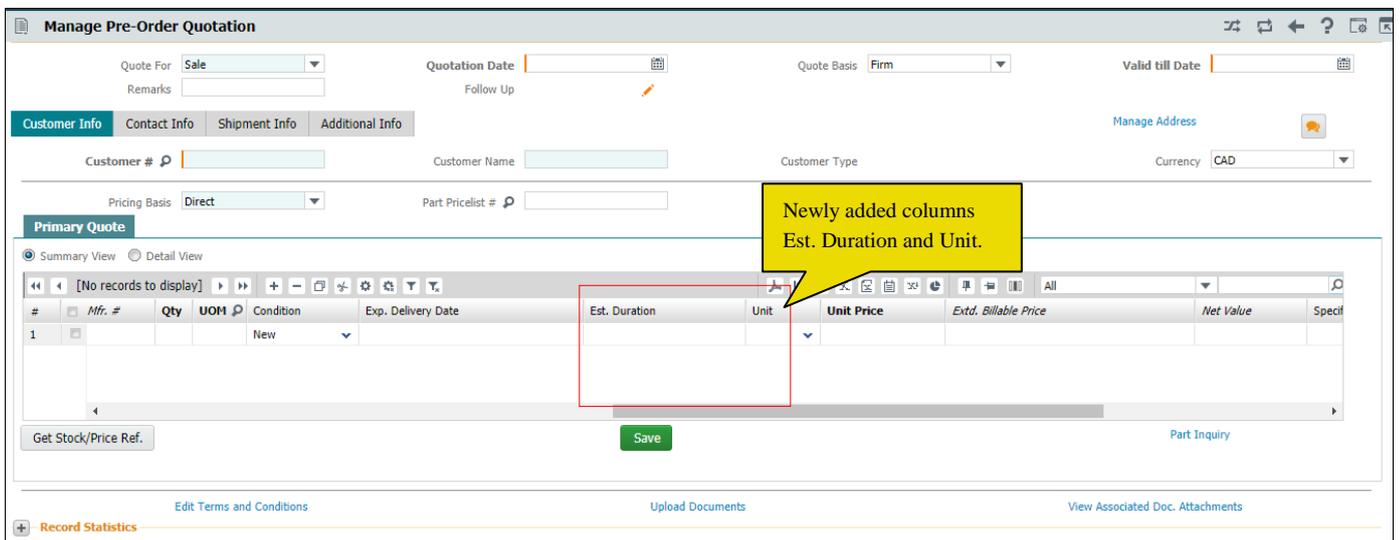


Exhibit 6:

Part Info in the **Customer Detail** tab in the **Manage Part Sale Order** activity in the **Part Sale Order** business component under the **Part Sale Management** business process

The screenshot displays the 'Manage Part Sale Order' application window. At the top, there are fields for Order #, Revision, Quote #, and Quote Valid till. Below this, there are sections for Order Date, Order Type, Document Status, Shipping Status, and Invoicing Status. Further down, there are fields for Customer PO #, Customer PO Date, Category (5678), Pricing Ref. Date (Invoice Date), and Part Sale Type (PSO). A 'Customer Detail' tab is active, showing Customer # and Customer Name. The 'Part Info' section is expanded, showing a table with columns: #, Condition, Exp. Delivery Date, Est. Duration, Unit, Source, Allocation Type, and Warehouse #. A red box highlights the 'Est. Duration' and 'Unit' columns, with a yellow callout box pointing to them containing the text 'Newly added columns Est. Duration and Unit.' At the bottom of the window, there are buttons for 'Get Storage / Pricing Ref.', 'Save', and 'Part Inquiry'.

#	Condition	Exp. Delivery Date	Est. Duration	Unit	Source	Allocation Type	Warehouse #
1							

WHAT'S NEW IN WORK REPORTING HUB?

Ability to access work reporting through Smart Operations

Reference: AHBG-17000

Background

Currently, any action, like for example, reporting a discrepancy or reviewing a task through the **Smart Operations** screen is linked to the **Record Aircraft Maintenance Execution Details** screen. After the development of Work Reporting Hub, such action from Smart Operations is also required to be linked with the Hub.

Change Details

Parameters have been added in the **Define Process Entities** activity of the **Common Master** business component to recognize user preference to launch the respective screens for each of the identified actions.

Based on these option settings, on scan of each label, the screen will be redirected to the respective screen set in the parameters mentioned below:

New set options have been added for the Entity Type 'Package Print' and 'Barcode Labels', indicating the action that is to traverse to the particular screen as follows:

#	Process Parameter	Permitted Values
1	Screen to be launched for Review Task / Discrepancy	Enter: <ul style="list-style-type: none"> "0" for 'Record Aircraft Maintenance Execution Details' "1" for 'Work Reporting Hub'
2	Screen to be launched for Review Execution Document	Enter: <ul style="list-style-type: none"> "0" for 'Record Aircraft Maintenance Execution Details' "1" for 'Work Reporting Hub'
3	Screen to be launched for Record Discrepancy	Enter: <ul style="list-style-type: none"> "0" for 'Record Aircraft Maintenance Execution Details' "1" for 'Work Reporting Hub'

Exhibit 1:

Set Process Activities page in the **Define Process Entities** activity of the **Common Master** business component

Set Process Parameters

Entity Type: Package Print Entity: Barcode Labels

Record Status: Active Process Parameters Defined?: Yes

#	Process Parameter	Permitted Values	Value	Status	Error Mess.
1	Print Barcode label to Start Clock on a Task ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
2	Print Barcode label to Stop Clock on a Task ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
3	Print barcode label to Complete Task ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
4	Print Barcode label to Review Task / Discrepancy ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
5	Print Barcode label to Start Indirect Time on <Indirect Category> ?	Please enter permitted value.		Not Defined	
6	Print Barcode label to Start Indirect Time on <Indirect Category> ?	Please enter permitted value.		Not Defined	
7	Print Barcode label to Start Indirect Time on <Indirect Category> ?	Please enter permitted value.		Not Defined	
8	Print Barcode label to Stop Indirect Time ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
9	Print Barcode label to Initiate Work Hold on a Task due to <Hold Code> ?	Please enter permitted value.		Not Defined	
10	Print Barcode label to Initiate Work Hold on a Task due to <Hold Code> ?	Please enter permitted value.		Not Defined	
11	Print Barcode label to Initiate Work Hold on a Execution Document due to <Hold	Please enter permitted value.		Not Defined	
12	Print Barcode label to Initiate Work Hold on a Execution Document due to <Hold	Please enter permitted value.		Not Defined	
13	Print Barcode label to Start All Your Current Jobs ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
14	Print Barcode label to Stop All Running Jobs ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
15	Print Barcode label to Manage Your Open Work ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
16	Print Barcode label to Plan Execution Document ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
17	Print Barcode label to Review Execution Document ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
18	Print Barcode label to Record Discrepancy ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
19	Print Barcode label to Record Parts Replacement ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
20	Print Barcode label to Record Material Request ?	Enter "0" for 'Not Required', "1" for 'Required'	1	Defined	
21	Screen to be launched for Review Task / Discrepancy ?	Enter "0" for 'Record Aircraft Maintenance Execution Details', "1" for 'Work	1	Defined	
22	Screen to be launched for Review Execution Document ?	Enter "0" for 'Record Aircraft Maintenance Execution Details', "1" for 'Work	1	Defined	
23	Screen to be launched for Record Discrepancy ?	Enter "0" for 'Record Aircraft Maintenance Execution Details', "1" for 'Work	1	Defined	
24					

Newly added parameters to launch the respective screens

Set Process Parameters

In the **Manage Work Actions** activity of the **Smart Operations** business component

For Example: On scanning the barcode for 'Review Task / Discrepancy' , if the parameter in the **Define Process Entities** activity 'Screen launch for Review Task / Discrepancy' is set as '1' for 'Work Reporting Hub', then, Work Reporting Hub will be launched with the Package # defaulted and the scanned Task # selected from the Tree Section and defaulted in the Task tab multiline.

Note: The scanned track ID must belong to the Task #

WHAT'S NEW IN SALE QUOTATION?

Ability to receive notification on approval of Sale Quotation

Reference: AHBG-15697

Background

The requirement is to receive notifications whenever a Sale Quote is approved or rejected directly by the customer through Portal or by a Customer Service Representative on behalf of customer through application.

Work flow Notification can be enabled and configured for actions such as Approve, Reject, and Re-Quote. This facilitates the users specified in the Work Flow Configuration to receive notifications whenever the above mentioned actions are performed either through application or through the Portal.

Change Details

The following are the parameters identified for enabling workflow notification in Sale Quote:

Parameters Identified for enabling work flow notification in Sale Quote:

BER?	Total Qtd. Value
BER Threshold Value	User Status
Customer Approval	Warranty Requested
Customer Order	Warranty Resolution status
Customer Order Revision	
Exchange Rate	
Org. Unit	
Login Name	
Quote #	
Quote Revision #	
Quote Category	
Quote Currency	
Quote Date	
Sale Type	
Exec.Doc.Type	
Quote Status	

Approve Sale Quotation page in the Manage Sale Quotation activity of the Sale Quotation business component

If notification is enabled for Approval / Re-Quote / Save of sale quote the system sends notification to the users specified in the Work Flow Configuration.



*Note: To configure notification go to **Define Workflow Setup** activity of the **Workflow Management** business component in the **Work Flow Management** business process for the respective action.*

WHAT'S NEW IN FLIGHT INVOICE AND CUSTOMER DEBIT CREDIT NOTE AND FLIGHT INVOICES?

Enabling work flow for Authorization and Release of Flight Invoices

Reference: AHBG-12402

Background

This feature has been added in the **Workflow Management** business component to enable workflow for the Customer Debit Credit Notes and Flight invoices based on the parameters identified and levels defined by the user. For Example: Multilevel authorizations for the document based on the parameters identified and so on.

Change Details

In the Flight Invoices based on the below parameters:

Anchor Date, Auto Adjust, Bill to Customer #, Cash #, Created By, Created Date, Currency, Finance Book, Freight Amount, Invoice Date, Invoice #, Invoice Type, Pay Term, Receipt Method, Receipt Type, Remit to Bank, Remit to Company, Sale Type, Ship to Customer #, Ship To Id, Status, Total Invoice Amount

Workflow has been enabled for the following button:

Flight Operations business process > **Flight Billing** business component

Manage Flight Invoice Release activity

- Generate Invoice

Enabling workflow for Customer Direct Invoice, Customer Service Invoice and Customer Receipt

Reference: AHBG-13975, AHBG-13976, AHBG-13953

Background

The requirement is to set notifications and or define multiple levels of authorizations in records such as Customer Direct Invoice, Customer Service Invoice and Customer Receipt. Therefore workflow management has been enabled for various statuses and actions.

With this change, the user will be able to define and set multiple levels of authorization for a single document which will be automatically routed to the respective user. Also notifications can be set to intimate the user on the action required.

Change Details

Workflow has been enabled for the **Customer Direct Invoice, Customer Service Invoice and Customer Receipt** business components. For Ex. Multilevel Authorizations for the document based on the parameters identified and so on. (Refer to **Exhibit 2** for detailed list of workflow enabled items)

Exhibit 1:

Define Process Rule screen in the **Workflow Management** business component under the **Work Flow Management** business process

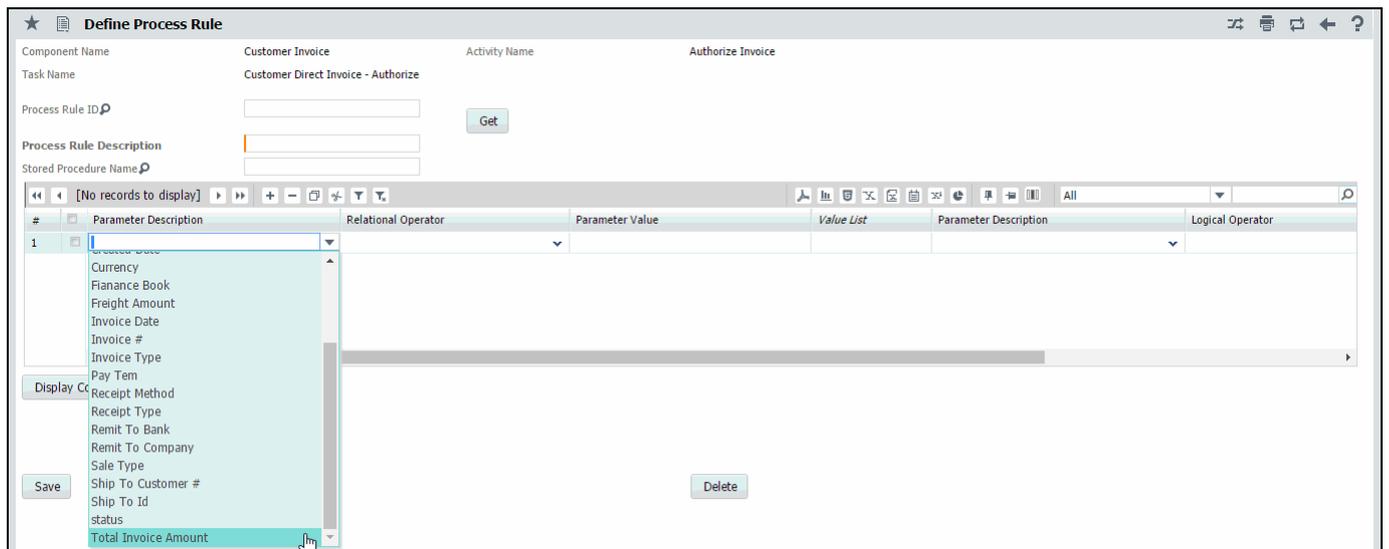


Exhibit 2:

Details of Workflow enabled for the following buttons in the **Receivables Management** business process.

Business Component	Activity	Buttons
Customer Direct Invoice	Create Direct Invoice	Create Invoice Create and Authorize Invoice
	Select Invoice (Edit Invoice)	Delete invoice
	Edit Direct Invoice	Edit Invoice, Edit and Authorize Invoice and Delete Invoice
	Create packslip Invoice	Create Invoice, Create and Authorize Invoice
	Select Ref.Doc/Invoice	Delete Invoice
	Manage Pack slip/billback Invoice	Edit Invoice, Edit and Authorize Invoice and Delete invoice
	Create Miscellaneous invoice	Create Invoice, Create and Authorize Invoice
	Select Invoice (Edit Miscellaneous Invoice)	Delete invoice
	Edit Miscellaneous Invoice	Edit Invoice, Edit and Authorize Invoice and Delete invoice
	Select Invoice (Authorize Invoice)	Authorize Invoice
	Authorize Invoice	Save Invoice, Save and Authorize and Return Invoice
	Hold/Release invoice	Hold Invoice, Release Invoice
Reverse Invoice	Reverse Invoice	
Customer Invoice	Generate Customer Service Invoice	Generate Customer Service Invoice
	Select invoice (Edit Invoice)	Delete Invoice
	Edit Invoice	Save Invoice, Save and Authorize, Delete and Return Invoice
	Select invoice (Authorize Invoice)	Authorize Invoice
	Authorize Invoice	Save Invoice, Save and Authorize, Delete and Return Invoice
	Hold/Release invoice	Hold Invoice, Release Invoice
	Reverse Invoice	Reverse Invoice
	Reverse Receipt	Reverse Receipt

Customer Receipt	Create Receipt	Create Receipt, Create and authorize invoice
	Select Receipt (Edit Receipt)	Delete Receipt
	Edit Receipt	Edit Receipt, Edit and Authorize Receipt and Delete Receipt
	Select Receipt (Authorize Receipt)	Authorize Receipt
	Authorize Receipt	Edit Receipt, Edit and Authorize Receipt and Return Receipt
	Hold/Release Receipt	Hold Receipt, Release Receipt
	Reverse Receipt	Reverse Receipt

Enabling work flow for Authorization and Release of Customer Debit Credit Notes

Reference AHBG-13170

Workflow has been enabled as follows:

In the Customer Debit Credit Note based on the below parameters:

Anchor Date, Created By, Created Date, Currency, Customer Number, Customer Note Amount, Customer Note Date, Customer Note No, Customer Registered At, Note Date, Note Number, Note Type, Numbering Type, Pay Term, Receipt Method, Ref. Doc. Type, Status and Total Amount

Workflow has been enabled for the following buttons:

Receivables Management business process >Customer Debit Credit Note business component

Create Account Based Note activity

- Create Note
- Create and Authorize Note

Create Item Based Note activity

- Create Note
- Create and Authorize Note

Authorize Debit Credit Based Note activity

- Edit Note
- Authorize Note
- Return Note

Receivables Management business process/Customer Direct Invoice business component

Authorize Invoice activity

- Save invoice
- Save and Authorize invoice
- Cancel invoice

Hold Release Note

- Hold Invoice
- Release invoice

Exhibit 1:

Define Process Rule activity in the Workflow Management business component > Customer Debit Credit

Note

Component Name: Customer Debit Credit Note
 Activity Name: Authorize Debit/Credit Note
 Task Name: Customer Debit Credit Note - Autho
 Process Rule ID: INVOICE AMOUNT < 10000
 Process Rule Description: Invoice Amount < 10000

#	Parameter Description	Relational Operator	Parameter Value	Value List	Parameter Description	Logical Operator
1	Total Amount	<=	10000	...		
2	Created Date					

Exhibit 2:

Define Process Rule activity in the Workflow Management business component > Customer Direct Invoice

Component Name: Customer Invoice
 Activity Name: Authorize Invoice
 Task Name: Customer Direct Invoice - Authorize
 Process Rule ID: [Empty]
 Process Rule Description: [Empty]

#	Parameter Description	Relational Operator	Parameter Value	Value List	Parameter Description	Logical Operator
1	Total Invoice Amount					
2	Currency					

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