

# **RAMCO AVIATION SOLUTION**

## **ENHANCEMENT NOTIFICATION**

**Version 5.9.1**

**Commercials**

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## WHAT'S NEW IN CUSTOMER REQUEST?

### Ability to raise request for multiple Aircrafts

Reference: APRP-1344

#### Background

When a Request is raised for Bid/Proposal, the request may actually come for multiple objects (Aircrafts / Parts). While a Request for 'Parts' can be generated for multiple objects, there is no provision to raise requests for multiple Aircrafts currently.

Hence the requirement is to have provision to generate request for multiple aircrafts if the request is being created with Request Type: 'Bid'.

#### Change Details

- New Columns 'A/C Reg #', 'A/C MSN', 'A/C Model #', 'Qty.' and 'Expected Receipt Date' have been added in the multiline of the **Core Info.** tab under the **Part Sale Management** business process > **Manage Sales RFQ** component > **Manage Customer Request** activity (**Exhibit 1**). These columns will be visible only when the applicability is selected as 'Aircraft' in case of Request for 'Repair'.



*Note: In case of Request Type 'Order/Quotation', Request for as 'Repair' with Applicability: 'Aircraft' the existing functionality continues.*

*i.e., The Request will be allowed to be created and processed only for a single Aircraft and the Aircraft Details Controls(A/C Reg #, A/C MSN and 'Expected Receipt Date') will remain in the header and newly added controls ('A/C Reg. #', 'A/C MSN', 'A/C Model#', 'Qty.' and 'Expected Receipt Date') in the 'Core Info'. multiline will be hidden.*



*Note: 'Bid' Request can be created either with A/C Reg # level or at A/C Model # level as well. If request is raised at A/C mode I3, the quantity is mandatory.*



*Note: The 'Work Scope Info.' can be defined and saved at each Aircraft Reg # or Aircraft Model # level as defined in the 'Core Info' tab.*

#### Exhibit 1:

**Manage Customer Request** screen in the **Manage Sales RFQ** business component

★ Manage Customer Request RAMCO OU-ramco role

Request #  + RFQ

---

Request #/ Rev. # RFQ-001816-2020 0 Request Type Bid Request For Repair Request Date & Time 09-21-2020 07:18:56 PM  
 Document Status Fresh Ack. Status Req. Processing Status Order Generation Status

---

Expected Reply Date  Need Date & Time 09-26-2020 07:19:05 PM Priority AOG Customer Ref #

---

Quotation Remarks

---

**Customer Details** Contact Info Shipment Info Additional Info Manage Address

Customer # 13840 Customer Name 13840CUST Customer Type Existing

---

**Core Info** Workscope Info

Applicability Aircraft

#	Li	Error Message	A/C Reg. #	A/C MSN	A/C Model #	Qty.	Expected Receipt Date	Removal Station	MOD Instructions	Cust. Maint. References	Job Card References	Discrepancy Ref
1			6YJMB				09-26-2020					
2												

[Save](#)

New columns are added under Core info. tab

## WHAT'S NEW IN CUSTOMER MASTER?

### Ability to default restriction flag and define LC applicability in customer master

Reference: APRP-1448

#### Background

Whenever international exports are being done, the Letters of Credits issued by the Customer's bank is a critical information that needs to be reviewed during shipping. These documents are in general managed by a Treasury Team, however, it is hard to track them and check them during shipment if they are not recorded in the system. Therefore the business need is to have a provision to efficiently manage tracking of Letters of Credits received for export orders.

Some countries have trade restrictions which has to be complied with by any organization located in that country. These organizations include Department of Treasury, Department of Defence, Department of Commerce, and so on. Based on the regulations, some individuals / organizations might be restricted to trade with, collectively called as Consolidated Sanctions List.

The business need is to identify those customers who are restricted as a part of the master definition.

#### Change Details

1. A new combo control "**LC Applicable ?**" is added in the multiline under 'Address ID Details' section of **Create Customer Record** and **Edit Customer Record** UI's under the **Sales Setup** business process > **Customer** Component. (Exhibit-1)  
The value in this control can be:
  - Yes - Indicates that the 'Letter of Credit' is needed when the parts are shipped to / from the address details maintained against the lines.
  - No - Indicates that the 'Letter of Credit' is not needed when the parts are shipped to / from the Address details maintained against the lines.
  - Blank – Indicates that the 'Letter of Credit' is not applicable for the customer.
2. '**ISO Country**' control in the 'Address Details' multiline of 'Customer Record' control is made as mandatory to ensure that the country details are maintained against the shipping details for identifying the trade compliance.
3. A new display only column "**LC Applicable ?**" is added in the multiline under 'Address ID Details' section of '**View Customer Record**' UI under the **Sales Setup** business process > **Customer** component. (Exhibit-2)
4. A new data hyperlink control "**Restricted ?**" is added under '**Customer Details**' section in '**Edit Sales Point**

'Details' and 'View Sales Point Details' UI's under the **Sales Setup** business process > **Customer** component.  
(Exhibit-3)

This Control will be displayed as:

- No: If no restriction definitions are available for the specific customer in the Manage Part Restrictions screen.
- Yes: If restriction definitions are available for the specific customer in the Manage Part Restrictions screen.



**Note:**

On Click of this hyperlink, the 'Manage Part restrictions' screen will be launched with the customer defaulted on screen and the definitions already available will be displayed.

### Exhibit 1:

Create Customer Record screen in the Customer business component

The screenshot shows the 'Create Customer Record' screen. The 'Customer Details' section includes fields for Customer #, Customer Name, Parent Customer Code, SPEC 2000 Code, Operator #, Registration Date (12-21-2020), User Name, and Customer Category. The 'Reference Status' section includes fields for Reference Status (Under Creation), Name as in Report, Supplier #, Airworthiness Statement, Multiple Operators?, Engagement Type (On Request), Numbering Type (Manual), and Prospect #. The 'Trade Regulatory Compliance' section includes a 'Copy Details' button. The 'Address Information' section includes a 'Nature Of Customer' dropdown (External), 'Company Code', 'Nature of Relationship' checkboxes (Part Sale, Service Sale, Component Loan, Component Exchange), 'BU', 'Partner ID', and 'Auto Gen. CO against Intercompany RO'. The 'Commercial Information' section includes 'Credit Checking At' (Customer) and 'Customer Account'. The 'Address ID Details' section includes a table with columns: Address ID, Address Line 1, Address Line 2, Address Line 3, Address Line 4, City, Zip Code, State, County, and Province. A new control labeled 'LC Applicable ?' is highlighted in the County column. A yellow callout box points to this control with the text 'New Control has been added'.

### Exhibit 2:

View Customer Record screen



★ View Customer Record

Customer # AHKG  
 Customer Name AIR HONG KONG  
 Parent Customer Code  
 SPEC 2000 Code  
 Operator #  
 User Name  
 Engagement Type On Request  
 Prospect #

Reference Status Active  
 Name as in Report AIR HONG KONG  
 Supplier #  
 SITA / ARINC  
 Multiple Operators?  
 Registration Date 05-27-2020  
 Customer Category

Trade Regulatory Compliance

Address Information

Additional Details

Commercial Information  
 Credit Checking At Customer

Address ID Details

#	Address ID	Address Line 1	Address Line 2	Address Line 3	Address Line 4	City	Zip Code	State	County	LC Applicable ?	Province
1	5/2	Hong Kong Airport					604002				

New Control has been added

## Exhibit 3:

## Edit Sales Point Details screen

★ Edit Sales Point Information

Date Format m-dd-yyyy

Customer Details  
 Customer # CUST-000001-2015  
 Customer Name Customer 205  
 Created at RAMCOOU  
 Reference Status Active  
 Operational Status Active  
 Restricted ? No

Copy Details  
 Sales Point  
 Copy Options  
☐ All  
☐ Default Bill To / Ship To Information  
☐ Sales Point Information

Invoice Information  
 Automatic Invoice Authorization No  
 Eligibility For Rebate No  
 Tax Exempt No  
 Invoice Applicable No  
 Freight Billable No  
 Tax Exempt Certificate No.  
 No. of Invoice Copies 0

Shipping Information  
 Shipping Point RAMCOOU  
 Preferred Carrier  
 Partshipment Allowed Yes  
 Shipping Tol -Ve  
 Packaging Code AA88  
 Shipping Method As per routing guide  
 Freight Term  
 Transshipment Allowed Yes  
 Shipping Tol +Ve

Default Address ID  
 Bill to ID Bill To  
 Order From ID Bill To  
 Ship to ID Bill To

New Control has been added

## WHAT'S NEW IN CUSTOMER ORDER?

### Ability to restrict generation / approval of CSO based on the Trade restrictions

Reference: APRP-917

#### Background

Many countries have certain trade compliance rules and regulations which needs to be followed by every organization / entity. The restrictions may vary at different levels:

For Example:

1. If any organization is identified in Screening List, no transactions should be done with that organization.
2. Similarly If an A/c was transferred to an Embargo Country, then the MRO needs to restrict Receiving and Execution docs for parts removed from that Particular A/c.

However currently, in case if there are any trade restrictions imposed on any organization or specific list of parts, there is no provision to restrict the transactions generated with the restricted entities. Hence the requirement is to have a master screen where restriction definitions against the applicable entities can be defined and when transactions are performed the necessary validations will be invoked to not proceed with the transaction.

While the Restriction definitions at entity level will be maintained in the **Manage Part Restrictions** screen. This enhancement will only cover how a Customer Order is restricted from generation / confirmation / approval if any restrictions exists against the corresponding entities (Customer, Part # - Serial/Lot, Country, Aircraft Reg. #) provided in the Customer Order.

#### Change Details

A. New parameter is added under the **Sales Setup** business process > **Customer** component > **Set Sales process Parameters** activity. (Exhibit-1)

1. Display Parameters for : MRO Sales
  - a. Parameters for: Customer Order - Services
  - b. Process Parameter: Aircraft based Trade Restriction Definitions for Customer Order
  - c. Permitted Value : Specify "0" for "Required" and "1" for "Not Required"

If this is parameter is set as

- Required: Then 'Aircraft' based definitions can be provided & restricted for Customer order in the 'Manage Part Restrictions' screen
- Not Required: Then 'Aircraft' based restriction definitions will not be allowed in **Manage Part Restrictions** screen.



**Note:**

*The parameter is not allowed to be modified if there are Aircraft based definitions in active status in the **Manage Part Restrictions** if the parameter*

*is initially set as 'Required' and now being modified as 'Not Required'. However, vice versa is allowed. i.e Initially parameter is set as 'Not Required', now it can be set as 'Required' whenever needed.*

B. Restrictions will be invoked in the Customer Order transaction as mentioned below.

- During creation of Customer Order or on click of 'Confirm' or 'Approve', the following details available in the Customer Order will be validated with the definitions in the **Manage Part Restrictions** screen to check whether screening or trade compliance restrictions are applicable.
  - Customer #
  - Aircraft # (in case of Customer Orders with Applicability : Aircraft)
  - Part # (in case of Customer Orders with Applicability : Parts) (in case All the parts available in multiline)
  - Part Serial # (if available)
  - Mfr. Lot #
  - Rmv. from A/C Reg. # ( in case of Customer Orders with Applicability : Parts)
  - Ship to Address ID(all the address information)(ISO Country should be validation with To Country Definitions)
- If restriction definition exists against any of the above entities, then system will first check the validity of the definition for current date, if it is valid then system will identify the restriction code available against the definition and check the value set for the parameter 'Restrict Customer Order' against the restriction code in the **Define Process Entities** screen.  
If the parameter is set as:
  1. Restrict Creation: Then validation will be done during creation itself and the Customer Order will not allowed to be generated.
  2. Restrict Confirmation: Then Customer Order will be allowed to be generated, however confirmation will be restricted.
  3. Restrict Approval: Restriction will be invoked during approval of the customer order.
- Different validations will be shown depending on the entities which are restricted.



**Note:**



*When the current date does not fall within effective date of restrictions definitions in **Manage Part Restrictions** or the parameter: 'Allow Customer Order?' available against the restriction code is set as 'Yes' then no validation is thrown and CO is allowed to be generated/confirmed/approved.*



*Customer Order generation in any status will be restricted even during the auto set up of CO on GI confirmation/ Routing of Parts /Request confirmation (automation of CO from request) / Request Processing (from CO hub- Error Requests) if any of the entities in the transaction are restricted as per the master definitions and the parameter against the restriction code is set accordingly.*

## Exhibit 1:

## Set Sales Process Parameters screen in the Customer business component

★ **Set Sales Process Parameters** RAMCO OU-ramco role

**Select Parameter Details**

Display Parameters for: MRO Sales

**Process Parameter List**

98 - 105/105

#	Parameter for	Process Parameter	Permitted Values	Value	Val
98	CO Hub - Cores Overdue	Enter Number of Days after which the core part will be considered as Overdue after Source part is s	Specify any valid value for Number Of Days	10	
99	Customer Request	Default Workcenter for Customer Order for which Execution facility is set as 'External'	Specify a valid Execution Work Center from Maintenance Setup	YUL-100-00	
100	Customer Request - Bot/Mail IT	Request for Repair on	'0' for 'Aircraft', '1' for 'Parts'		
101	CO Hub - Data Retrieval	Specify the period for which data should be retrieved in Customer Order Management Hub	Specify any valid value for num		
102	Manage Price Escalations	Threshold No. of days to effect contract revision automatically based on Price escalation setup	Enter No. of Days		
103	Process Monthly Invoice	Grouping of Monthly Invoice Released at station level	Specify "0" for "Required- Usage Based Charges", "1" for "Required-Fixed I. 3		
104	Customer Order - Services	Aircraft based Trade Restriction Definitions for Customer Order	Specify "0" for "Required" and "1" for "Not Required"	0	
105	Customer Order - Services	Allow receiving alternate parts from customers in CO based core receipt	Specify "0" for "Yes" and "1" for "No"	1	

**New Category has been added**

Set Process Parameters

**Record Statistics**

## WHAT'S NEW IN PART SALE ORDER?

### Ability to restrict generation / approval of PSO based on the Trade restrictions

Reference: APRP-1464

#### Background

Many countries have certain trade compliance rules and regulations which is to be followed by every organization / entity. The restrictions may vary at different levels:

For Example:

If any organization is identified in Screening List, no transactions should be done with that organization.

However currently, if there are any trade restrictions imposed on any organization or specific list of parts, there is no provision to restrict the transactions getting generated with the restricted entities. Hence the requirement is to have a master screen where restriction definitions against the applicable entities can be defined and when any transactions are performed the necessary validations will be invoked to not proceed with the transaction.

While the Restriction definitions at entity level will be maintained in the **Manage Part Restrictions** screen. This enhancement will only cover how a Part Sale Order is restricted from generation / confirmation / approval if any restriction exist against the corresponding entities (Customer, Part # - Serial/Lot, Country) provided in the Part Sale Order.

#### Change Details

Restrictions will be invoked in the Part Sale Order transaction as mentioned below.

- During creation of Part Sale Order or on click of 'Confirm' or 'Approve', the following details available in the Part Sale Order will be validated with the definitions in the **Manage Part Restrictions** screen to check whether screening or trade compliance restrictions are applicable.
  - Customer #
  - Part #
  - Ship to Address ID (all the address information)(ISO Country should be validation with To Country Definitions)
- If restriction definition exists against any of the above entities, then system will first check the validity of the definition for the current date, if it is valid, then system will identify the restriction code available against the definition and check the value set for the parameter 'Restrict Part Sale Order' against the restriction code in the **Define Process Entities** screen.  
If the Parameter is set as:

4. Restrict Creation: Then validation will be done during creation itself and the Part Sale Order will not allowed to be generated.
  5. Restrict Confirmation: Then Part Sale Order will be allowed to be generated, however confirmation will be restricted.
  6. Restrict Approval: Restriction will be invoked during approval of the Part Sale Order.
- Different validations will be shown depending on the entities which are restricted.

**Note:**

*When the current date does not fall within effective date of restrictions definitions in the **Manage Part Restrictions** or the parameter: 'Allow Part Sale Order?' available against the restriction code is set as 'Yes' then no validation is thrown and PSO is allowed to be generated / confirmed / approved.*



*Part Sale Order generation in any status will be restricted even during the auto set up of PSO on Request Confirmation (automation of PSO from request) / Request Processing ( from CO hub – error Request) if any of the entities in the transaction are restricted as per the master definitions and the parameter against the restriction code is set accordingly.*

## Ability to identify and book revenue to Analysis code in PSO

Reference: APRP-1451

### Background

As per the existing functionality, revenue and cost from Part Sale Order would always be posted to the default Analysis Code mapped to the sale account or COSR account defined as per the Sale Account Definition.

Now that Analysis Code is being used as one of the financial dimensions to the analysis revenue and profits, a business need has been raised for a provision to identify Analysis Code at document level (instead of default) and then post the revenue and cost accordingly to that Analysis Code.

Hence the requirement is to maintain an Analysis Code at part Sale List level and default the same in all Part Sale Orders created with reference to that or to have a provision to provide / update the Analysis Code manually in the Part Sale Order. This will facilitate the revenue and cost accumulation for all the specific orders / orders against a specific Sale List under a single Analysis Code and eases the profitability analysis.

### Change Details

1. A new option setting as mentioned below has been added under **Set Finance Process Parameters** activity under **OU Parameter Setup** component of **Finance Setup** BPC.

(Exhibit-1)

Parameter Level: Organization Unit level

Business Process: Receivables Management

Category: Part Sale Order

Process Parameter: Enforce Analysis Code in Part Sale Order

Permitted Value: Enter '0' for 'No' and '1' for 'Yes'

If the above parameter is set as:

- No: Then Analysis Code need not mandatory in the Part Sale Order. Revenue and Cost will be posted to the default Analysis Code as per the existing functionality.
  - Yes: Then Analysis Code will be mandated in the Part Sale Order. Revenue and Cost will be posted to the Analysis Code available in the Part Sale Order.
- 
- ✓ Even if the above set option is set as 'No', user will not be restricted from providing analysis code in the part sale order.
  - ✓ Analysis Code, if available in the part sale order will be given preference over the default analysis code for revenue and cost postings.
- 
2. A new control **Analysis Code** is added in the **Manage Customer Part Sale List** UI under the **Create / Edit Customer Record** activity under **Customer** component of **Sales Setup** BPC.

(Exhibit- 2)

- ✓ Since Part Sale List is not mandatory document to create a Part Sale Order, it is not mandatory to always have Part Sale List #(s) documents. It is also not mandatory to provide Analysis Code in the Part Sale List.
- 3. A new control **Analysis Code** is added in the **Manage Part Sale Order** activity under **Part Sale Order** component of **Part Sale Management** BPC. (Exhibit- 3)
- ✓ Depending on the set option mentioned above the Analysis Code will be mandated in the Part Sale Order.

**Note:**

1. *When a Part Sale Order is auto generated from Customer Request,*
  - a. *If Part Sale List evaluation is applicable and if Analysis Code is already available in the Part Sale List, Part Sale Order would be auto set up in the applicable status with the Analysis Code from the Part Sale List. The user can, however modify the defaulted Analysis Code by revising the Part Sale Order.*
  - b. *If Part Sale List evaluation is applicable but Analysis Code is not provided in the Part Sale List and Analysis Code in Part Sale Order is mandatory, then the Part Sale Order will auto set up in 'Draft' status. User has to provide the Analysis Code in the PSO to make it 'Fresh'*
  - c. *If Part Sale List evaluation is applicable but Analysis Code is not provided in the Part Sale List and Analysis Code in Part Sale Order is not mandatory, then the Part Sale Order would be auto setup in the applicable status without any analysis code.*
  - d. *If the Part Sale List evaluation is not applicable and Analysis Code in part sale order is mandatory, then the Part Sale Order will auto set up in 'Draft' status. User has to provide the Analysis Code in the PSO to make it 'Fresh'*
  - e. *If the Part Sale List evaluation is not applicable and analysis code in part sale order is not mandatory, then the Part Sale Order would be auto set up in the applicable status without any Analysis Code.*
2. *If the Analysis Code is available in Part Sale Order, then revenue and cost will be booked to the analysis code available in the PSO. The Analysis Code in the multiline Part Sale Order will be updated accordingly during creation.*
3. *If the Analysis Code is not available in Part Sale Order, then revenue and cost will be posted to the default Analysis Code as per the existing functionality.*
4. *During Issue Confirmation/Shipping note confirmation (Depending on set option- for regular part sale invoice) and Consignment Report confirmation (for consignment report invoice), Analysis Code (the Analysis Code in the Part Sale Order if provided) and the Account Code mapping will be validated.*
5. *User is allowed to modify the Analysis Code specified in the Part Sale Order till closure. In case of such modifications any invoices generated post modified will be posted with the updated analysis code. However the already created invoices would still carry the earlier Analysis Code as it is.*
6. *In case of order level T/C/D's default in the part sale invoice, the Analysis Code will be defaulted based on the value in the Part Sale Order. However user will be able to modify as required.\*



- For TCD's added in the invoice, user needs to manually provide the Analysis Code in the Invoice.

## Exhibit 1:

Set Finance Process Parameters screen in the **Part Sale Order** business component

**Set Finance Process Parameters**

Parameter Level: **Organization Unit Level** Business Process: **Receivable Management** Category: **Part Sale Order**

#	Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Message
1	Receivable Managemen	Part Sale Order	Enforce Analysis Code in Part Sale Order	Enter '0' for 'No' and '1' for 'Yes'	0	Defined	

New Set option added

Set Parameters

## Exhibit 2:

Manage Customer Part Sale List screen in the **Customer** business component

**Manage Customer Part Sale List**

Customer #/Name: **CUST-000001-2015/Customer 205** Create ☐ Modify ☒

Part Sale List # / Rev.#:  Part Sale Type:  Status:  Analysis Code:

Effective from:  Remarks:  Revision Comments:

#	Part #	Part Description	Part Group#	Stock Status	Req. for A/C Reg#	Req. for A/C Reg#	Group	Pricing Basis
1								
2								

Save Confirm

Record Statistics

Created by:  Last Modified by:  Confirmed by:

Created Date:  Last Modified Date:  Confirmed Date:

New control has been added

## Exhibit 3:

Manage Part Sale Order screen

**Manage Part Sale Order**

Order #

Order #  Quote #  Quote Valid till  RFQ #

Order Type  Document Status  Planning Status  Shipping Status

Ack. Status

Order Date

Customer PO #

Analysis Code

Customer Ref. Date  Invoice Date  Part Sale Type

Part Sale List #  Billable ?

Trade Comp. Restr. ?

Customer Detail  Contact Info  Shipment Info  Additional Info

Customer #  Customer Name  Currency

**Part Info**

☒ Summary View ☐ Detail View Pricing Basis  Part Pricelist #

#	Line #	Error Message	Pricing Source	Stock?	Pricing Aid	Req. Part #	Req. Part desc.	Part #	Part
1									

Get Storage / Pricing Ref.

## WHAT'S NEW IN SERVICE SALES MANAGEMENT?

### Ability to derive Quote Approval requirement based on Quote Value and percentage of part Repl. Value

Reference: APRP-916

#### Background

Currently the system supports setting quote threshold limit as a flat value based on which Customer Approval requirement is auto set in the Sale Quotation.

The requirement is to have a provision to define Quote Approval Threshold as a percentage value on part cost and to automatically update the Customer Approval requirement as 'Required/Not Required' based on this threshold value in the Sale Quotation.

#### Change Details

A. New Parameters are added in the 'Operational Parameters' tab of **Edit Terms & Execution** link under the **Sales Setup** business process > **Sale Contract** component > **Manage Sale Contract** activity. (Exhibit-1)

1. Category : Commercials

Element : Quote – Threshold

Description: Basis for Computation of Quote Threshold

Permitted Values: Enter "0" for "Flat Value", "1" for "% on Part Cost", "2" for "Not Applicable".

If this parameter is set as:

- Flat Value: The flat amount against the parameter 'Value / % Limit for Quote Threshold' should be considered as the Threshold value for comparison against the Quote Value.
- % on Part Cost: The Threshold value should be considered based on the subsequent parameters for comparison against the Quote Value.
- Not Applicable: Customer Approval should be as per existing functionality (Left 'blank' for the user to select manually) and threshold should not be checked.



#### Note:

1. *In case of Sale Contract with Applicability : Aircraft, the parameter 'Basis for Computation of Quote Threshold' can be set as '0' for 'Flat value' or '2' for 'Not Applicable' only*
2. *Subsequent parameters need not be defined if this parameter is set as 'Not Applicable'.*

2. Category : Commercials

Element : Quote - Threshold

Description : Value/% Limit for Quote Threshold

Permitted Values: Specify a valid Flat Value or %.



#### Note:

1. *The existing parameter 'Value Limit for Quote Threshold' has been re-phrased.*

2. *The value provided against this parameter should be a positive integer greater than '0'; which represents the 'Flat Amount' for Quote Threshold if the above set option-1 is set as 'Flat Value'.*
3. *The value provided against this parameter should be a valid percentage value greater than '0' and less than or equal to '100', which represents that "%" to be applied on part cost for Quote Threshold if the above set option is set as '% on Part Cost'.*

3. Category : Commercials

Element : Quote – Threshold

Description : Basis for Computation of Part Cost for Quote Threshold

Permitted Values: Enter "0" for "Standard Cost", "1" for "Std. Purchase Cost", "2" for "Std. Sale Cost", "3" for "Part Price List"

If this parameter is set as

- Standard Cost: Then system will take 'Standard Cost' value of the main core from Part Master to apply the threshold % for computation of Threshold Value.
- Std. Purchase Price: Then system will take 'Std. Purchase Price' value of the main core from Part Master to apply the threshold % for computation of Threshold Value.
- Std. Sales Price: Then system will take 'Std. Sales price' value of the main core from Part Master to apply the threshold % for computation of Threshold Value.
- Part Price List: Then system will take the value price defined for the main core from the Pricelist mentioned in the contract to apply the threshold % for computation of Threshold Value.

4. Category : Commercials

Element : Quote - Threshold

Description : Part Price List for Computation of Part Cost for Quote Threshold.

Permitted Values: Enter a valid Part Price List.



*Note: If the user has provided 'Basis for Computation of Part Cost for Quote Threshold' parameter as 'Part Price List' then the above mentioned parameter should be given with valid PPL of Price List type: Ref. Cat. or OEM in Active status.*

- B. 'Customer Approval' value will be updated as 'Required/Not Required' on set up after comparing the Computed Quote value with the Threshold limit as per below defined Set options. (**Exhibit-2**)



**Note:**

1. *The lowest rate will be considered for computation for Quote threshold, if more than one price exists for the same part as per the PPL defined against the parameter.*
2. *In case of Quote generated against a CO with multiple parts, the Total Quote threshold will be computed by considering the threshold computed for each part as per the definition in the sale contract.*
3. *In case of Quote generated against a CO with single part but multiple qty. The Total*

4. Quote threshold is computed by multiplying threshold computed for part as per the definition in the sale contract with the Qty. and then compare with quote value.
5. The Quote threshold value is computed and converted in to quote currency for comparison. If the currency conversion has failed due to any error or exchange rate not available then no validation will be thrown and quote approval requirement will not be evaluated.
6. If there is any quote value change due to re-computation or pricing modification, the quote approval requirement will be re-evaluated. i.e., the latest Quote value will be compared with the Quote Threshold computed and the Customer Approval requirement will be updated accordingly on save.
7. In case of manual update of 'Customer Approval' by the user, the value selected by the user will be carried and no re-evaluation will be done even when the revisions are created/pricing modifications are done against that quotation.

## Exhibit 1:

Edit Terms of Execution screen in the **Sale Contract** business component

**Main Contract Details**

Contract # / Rev. #	QuoteAppr01/1	Contract Type	Customer Specific	Contract Status	Approved
Contract Category		Sale Type	T & M	Contract Date	01-01-2020
Customer #	13840	Customer Name	13840CUST	Currency	CAD
Effective from	01-01-2020	Effective to		User Status	

**Operational Parameters** | Permitted Work Delays | Part Handling Details | Customer Supplied Parts

#	Category	Element	Description	Value	Value Selected	
11	Commercials	Quote - Threshold	Basis for Computation of Quote Threshold	2	Not Applicable	Enter "0" for "Standard Cost", "1" for "% on Part Cost", "2" for "Not Applicable"
12	Commercials	Quote - Threshold	Value/% Limit for Quote Threshold			Specify a valid Flat Value or %.
13	Commercials	Quote - Threshold	Part Price List for Computation of Part Cost for Quote Threshold			Enter a valid Part Price List.
14	Commercials	Quote - Threshold	Basis for Computation of Part Cost for Quote Threshold			Enter "0" for "Standard Cost", "1" for "Std. Purchase Cost", "2" for "Std. Purchase Price"
15	Commercials	Quote - T&M Out of scope	Quote for T&M Out of Scope Jobs	1	Not Required	Enter '0' for 'Required' and '1' for 'Not Required'
16	Commercials	Quote - T & M In-scope Jobs	Quote for T&M In-scope Jobs	1	Not Required	Enter '0' for 'Required' and '1' for 'Not Required'
17	Commercials	Quote - Swap	Quote for Sub-assembly Swaps	1	Not Required	Enter "0" for 'Required' and "1" for 'Not Required'
18	Commercials	Quote - Material Pricing	Basis by which parts should be priced in quotation if the pricing b	3	Not Applicable	Enter "0" for "Standard Cost", "1" for "Std. Purchase Price", "2" for "Std. Purchase Price"
19	Commercials	Quote - FP Out of Scope J	Quote for Fixed Price Out of Scope Jobs	1	Not Required	Enter '0' for 'Required', '1' for 'Not Required'
20	Commercials	Quote - FP In-scope Jobs	Quote for Fixed Price In-scope Jobs	1	Not Required	Enter '0' for 'Required', '1' for 'Not Required'

Save Parameters

## Exhibit 2:

Manage Sale Quotation screen in the **Sale Quotation** business component

★ Manage Sale Quotation

Quotation # / Rev. # CO-008440-2020/0 Customer Name Customer 8 Cust. Order # CO-008440-2020

Print Comments

Quote Currency CAD

Exchange Rate 1.00000 Total Qtd. Value (Base Curr.) 440.00 Status Contract Reassigned

Quote Value 440.00  
0% of Repl.Value 0.00

GP Margin  
Cost 86386.32 Profit 0.00

BER ? No Exch.? No 196 EA

Main Info. Ref. Info. Materials Resources Ext. Services Direct Qt. Info NTE Price Exceedance Addl. Cl Assessment Info.

Quote Details

Quote Date 2020/10/16 Quote

Price Held Firm (Days) Std. App. Lead Time (Days)

Quote Category User Status

Description Remarks

Customer TAT Summary

TAT Duration - Cust. Adjustment - Cust. Duration

Start Ref. Date Start Date

Projected Completion Date 2020/10/18 03:21:23 Prom. Delivery Date

Revision Comments TAT info revised based on Revision

Reference Document Details

Customer # 400007 Customer Name Customer 8 Sale Type T & M

Pricing Basis T & M Contract # ENGD0C1 Cust. Order # CO-008440-2020

Event # Exec.Doc.Type Shop Work Order Exec.Doc.# CWO-009099-2020

Customer Approval Not Required

Cust. Service. Rep 00041383

Unbilled Value 440.00

Customer Approval will be defaulted with 'Required/Not Required'

## Ability to generate Monthly Invoice Release at station level to apply GST

Reference: APRP-779

### Background

Some organizations bill its customers based on Fixed Charges per month for the maintenance services performed on inflight entertainment equipment fitted in the aircraft. However there are certain Customer Contracts where the invoices are subjected to tax depending on the station in which the work is being performed. Hence the segregation of Invoice Releases based on the station becomes mandatory.

Currently the Fixed Price per month is calculated based on the number of work packages generated at each station level, however Invoice Release cannot be segregated at Station Level. Therefore release generation is now facilitated at Station Level, such that those releases can be combined to apply taxes (GST) on the total invoice amount in the invoice depending on the station in which the work was performed.

### Change Details:

#### A. Set Sales Process Parameter screen: (Exhibit 1)

- A new parameter is added in 'Set Sales Process Parameter' screen under 'Customer' business Component under 'Sales Setup' Business Process as given below (Exhibit 1):

Display parameters for : MRO Sales

Parameter for : Service Sale Billing

Process Parameter : Grouping of Monthly Invoice Released at station level

Permitted values : Specify "0" for "Required- Usage Based Charges ", "1" for "Required-Fixed Monthly Charges ", "2" - for "Required- Both" and "3" for "Not Required

If the above set option is set as:

- **"Required- Usage Based Charges:** Only the Billing heads with Pricing basis as 'Usage Based' will be retrieved in Process Monthly Invoice screen at station level.
- **Required-Fixed Monthly Charges:** Only the Billing heads with Pricing basis as 'Fixed Monthly Charges' will be retrieved in Process Monthly Invoice screen at station level.
- **Required- Both:** The Billing heads with both Pricing basis as 'Usage Based' as well as 'Fixed Monthly Charges' will be retrieved in Process Monthly Invoice screen at station level.
- **Not Required:** The billing heads will not be retrieved at station level for both 'Fixed Monthly Charges', 'Usage Based' milestones.

**B. Process Monthly Invoice Release screen:**

- A new column '**Station**' is added in multiline of 'Update Usage' and 'Fixed Monthly Charges' tab of **Process Monthly Invoice** screen. The column displays the station against which the aircraft is reported in package for the given billing period. Column will be left blank when the station is not available for the eligible objects from the packages created during the billing horizon. (Exhibit 2 & Exhibit 3)

**C. Select Documents screen:**

- A new column '**Station**' is added in multiline of 'Search Results' in 'Process/View Generated Bill' tab of **Select Documents** screen. The Column displays the station against which the aircraft is reported in package for the given billing period. The column will be left blank when the station is not available for the eligible objects from the packages created during the billing horizon. If multiple stations are included in a single Invoice Release, then column displays value as 'Multiple'. (Exhibit 4)

**D. Manage Invoice screen:**

- A new column '**Rel. Additional Info**' is added in multiline of 'Monthly Release Info' of the **Manage Invoice** screen. The column displays the Aircraft Reg. #, station against which the release is generated for the given billing period. If multiple stations or aircrafts are included in a single Invoice Release, then column displays value as 'Multiple'. (Exhibit 5)
- A new link "**View Initiate Invoice**" is added in **Manage Invoice** screen to launch the **Process Monthly Invoice** screen to view the corresponding invoice releases. (Exhibit 5)

**E. View Invoice screen:**

- A new column '**Rel. Additional Info**' is added in multiline of 'Monthly Release Info' of the **View Invoice** screen. The column displays the Aircraft Reg. #, station against which the release is generated for the given billing period. If multiple stations or aircrafts are included in a single Invoice Release, then column displays value as 'Multiple'. (Exhibit 6)
- An existing multiline column '**Release #**' is changed as 'Data Hyperlink' to launch the **Process Monthly Invoice** screen to view the corresponding Invoice Releases.

**F. Monthly Invoice Release Summary Report:**

- A new column '**Station**' is added in multiline of 'Monthly Invoice Report'. Column displays the station against which the aircraft is reported in package for the given billing period. If multiple stations are included in a single Invoice Release, then this column displays value as 'Multiple'. (Exhibit 7)



## Exhibit 1:

Set Sales Process Parameters activity under the **Customer** business component

**Set Sales Process Parameters**

Select Parameter Details: Display Parameters for **MRO Sales**

Process Parameter List:

#	Process Parameter	Permitted Values
98	Enter Number of Days after which the core part will be considered as Overdue after Source part is s	Specify any valid value for Number Of Days
99	Default Workcenter for Customer Order for which Execution facility is set as 'External'	Specify a valid Execution Work Center from Maintenance Setup
100	Request for Repair on	'0' for 'Aircraft', '1' for 'Parts'
101	Specify the period for which data should be retrieved in Customer Order Management Hub	Specify any valid value for number of months
102	Threshold No. of days to effect contract revision automatically based on Price escalation setup	Enter No. of Days
103	Aircraft based Trade Restriction Definitions for Customer Order	Specify "0" for "Required" and "1" for "Not Required"
104	Allow receiving alternate parts from customers in CO based core receipt	Specify "0" for "Yes" and "1" for "No"
105	Grouping of Monthly Invoice Released at station level	Specify "0" for "Required- Usage Based Charges ", "1" for "Required-Fixed Monthly Charges ", "2" for "Required- Both" and "3" for "Not Required"

Record Statistics: Created by: DMUSER, Last Modified by: DMUSER, Created Date: 01-07-2012, Last Modified Date: 12-19-2020

## Exhibit 2:

Process Monthly Invoice Release activity under the **Service Sale Billing** business component

**Process Monthly Invoice Release**

Invoice Release Details: Customer # 400006, Customer Name Customer 71, Contract / Rev. # CPYNDT3 0, Nature of Contract Service Contract, Billing Milestone 09/30/2020, Invoice Type Regular, Billing Curr. CAD

Update Usage: Object Coverage 0/0

#	Ex.	Billing From Date	Billing To Date	Billing Element	Aircraft Model #	Aircraft Group	Aircraft Reg. #	Aircraft MSN #	Station	Billing Parameter
1		09/01/2020	09/30/2020		A320-211	UBGROUP	6VJMB	422	HKG	Flight Hours
2		09/01/2020	09/30/2020		A320-211	UBGROUP	6VJMD	666	MNL	Flight Hours
3										

Buttons: Save Usage, Confirm Usage, Generate Release

Release Remarks: , Comments: , One Release per Aircraft, Retain Milestone for Exceptions, One Release per Billing Element

## Exhibit 3:

Process Monthly Invoice Release activity under the **Service Sale Billing** business component

**Process Monthly Invoice Release**

Invoice Release Details  
 Customer # 400007  
 Sheet ID  
 Customer Name Customer 8  
 Billing Milestone 10/02/2019  
 Contract / Rev. # ACFFM02  
 Invoice Type Regular  
 Nature of Contract Service Contract  
 Billing Curr. CAD

**Monthly Fixed Charges**

#	Billing Period	Billing Element	Aircraft Model #	Aircraft Group	Aircraft Reg. #	Aircraft MSN #	Station	Sys. Billable Qty.	Act. Billable Qty.
1	01-09-2019/30-09-2019	Equipment Insurance	KA350	CCRD	11001	23473773	HKG	1.00000000	
2	01-09-2019/30-09-2019	Equipment Insurance	KA350	CCRD	5007	12312	MNL	1.00000000	
3	01-09-2019/30-09-2019	Equipment Insurance	A310	CCRD	AC 444	AC 444	HKG	1.00000000	
4	01-09-2019/30-09-2019	Equipment Insurance	A310	CCRD	AC599	AC599	SYD	1.00000000	

Compute Fixed Charges

Release Remarks  
 Comments  
☐ One Release per Aircraft  
☐ One Release per Billing Element  
 Generate Release

New Column added

## Exhibit 4:

Select Documents page in the Service Sale Billing business component

**Select Documents**

Update Usage / Generate Bill | Process / View Generated Bill

Search  
 User Status  
 Release status Confirmed Not-Invoiced  
 Bill Rep.  
 Date From/To  
 Ex.  
 Search

Search Results

All 38 Alert 0 Overdue 38

#	Customer #	Customer Name	Contract #	Revision #	Nature of Contract	Release #	Station	Customer PO #	Total Usage
1	400007	Customer 8	MSACPA01	0	Service Contract	REG-000658-2017	Multiple		
2	400007	Customer 8	MSACPA01	0	Service Contract	REG-000650-2017	Multiple		
3	400007	Customer 8	MSACPA04	0	Service Contract	REG-000675-2017	Multiple		200.00000000
4	400007	Customer 8	MSACPA01	0	Service Contract	REG-000654-2017	Multiple		
5	400007	Customer 8	MSACPA04	0	Service Contract	REG-000678-2017	Multiple		220.00000000
6	400007	Customer 8	MSACPA01	0	Service Contract	REG-000656-2017	CEB		

Save Release Info.  
 Group By  
 Generate Invoice  
 Monthly Invoice Release - Summary Report

New Column added

## Exhibit 5:

Manage Invoice activity under the Customer Invoice business component

**Manage Invoice**

Select Invoice #

☐ Create a new Invoice ☒ Work on existing Invoice

Invoice # CI-000268-2020 Go

Invoice Type Monthly Invoice

**Invoice Details**

Invoice # CI-000268-2020 Finance Book AVEOS Status Fresh

Invoice Date 12-23-2020 Invoice Category Detail

Currency CAD Exchange Rate 1.00000000

Bill To Address ID / Address Bill to 7373 Côte-Vertu we... Bill To Customer # 400006 Customer 71

Ship To Address ID / Address Bill to 7373 Côte-Vertu we... Ship To Customer # 400006 Customer 71

Company Address ID Cust. PO # Comments

CO based Release Info. **Monthly Release Info.** Direct Info. T/C/D Details Invoice Summary Adjustment Log

#	Ref Doc Type	Ref. Doc. #	Ref. Doc. Date	Release #	Release Date	Billing Element	Billing Currency	Rel. Addl. Info
1	Service Sale Contract	MSACPA04/0	12-23-2020	REG-000659-2017	12-22-2020	Repair Management Fee	CAD	Multiple
2	Service Sale Contract	MSACPA04/0	12-23-2020	REG-000676-2017	12-23-2020	Pool Access Fee	CAD	Multiple
3	Service Sale Contract	MSACPA04/0	12-23-2020	REG-000677-2017	12-23-2020	MBK Fee	CAD	Multiple

Default Taxkey

View Initiate Invoice

Save Release Info

New link introduced

New Column added

Exhibit 6:

View Invoice activity under the Customer Invoice business component

**View Invoice**

Invoice # CI-000268-2020 Ref. Doc. Type Service Sale Contract Status Fresh

Invoice Date 12-23-2020 Finance Book AVEOS Invoice Category Detail

Auto Adjust Yes Currency CAD Exchange Rate 1.00000000

Bill To Customer # 400006 Customer 71 Bill To Address ID / Address Bill to 7373 Côte-Vertu west,Do... Customer PO #

Ship To Customer # 400006 Customer 71 Ship To Address ID / Address Bill to 7373 Côte-Vertu west,Do... Comments

Main Release Info. **Monthly Release Info.** Direct Info. T/C/D Details Invoice Summary Adjustment Log

#	Ref Doc Type	Ref. Doc. #	Ref. Doc. Date	Release #	Release Date	Billing Element	Billing Currency	Rel. Addl. Info	Rel. Amount
1	Service Sale Contract	MSACPA04/0	12-23-2020	REG-000659-2017	12-22-2020	Repair Management Fee	CAD	Multiple	
2	Service Sale Contract	MSACPA04/0	12-23-2020	REG-000676-2017	12-23-2020	Pool Access Fee	CAD	Multiple	
3	Service Sale Contract	MSACPA04/0	12-23-2020	REG-000677-2017	12-23-2020	MBK Fee	CAD	Multiple	

Hold Reversal Information

Reversal Document # Reason for Reversal Reason for Hold

Reversal Date Remarks for Reversal Remarks for Hold

Existing Control changed as Data hyperlink

New Column added

Exhibit 7:

Report Name:	Monthly_Invoice_Release_summary_report	Created On:	11-24-2020 08:59:24 AM
Filters Applied:	Filters,Input Parameters		
cbxt_ouinstance	2		
cbxt_user	DMUSER		
cbxt_language	1		
guid	0f93f031-30d5-45e7-91dc-138ce338634c		

Aircraft Reg No	Billcurr	Billed Milestone	Billing Element	Billing Period	Contract No	Station	Customer Name	Cust
5008	CAD	2020-02-02	Aircraft Insurance	2020-11-01 to 2020-11-30	USADPART	SER	Customer 8	400007

New Column added

## WHAT'S NEW IN RECEIVABLES MANAGEMENT?

### Ability to restrict transaction based on User to FB, User to Cost Center, Analysis Code and FB to Cost Center Mapping

Reference: APRP-1452

#### Background

##### Finance Book - Cost Center / Analysis Code based restrictions:

Organizations which have legal entities modelled as Finance Books under a company and require segregation of Cost Centers and Analysis Codes which are specific to the Finance Books, such that Cost Centers / Analysis Codes pertaining to one FB is not posted to the other and the vice versa. Cost Centers and Analysis Codes are unique to a company, managed at a company level and are available for usage across all the Posting Finance Books mapped to the Company. However certain organizations have policies to restrict posting of Cost Centers and Analysis Codes to certain FBs, to gain control over the usage of these entities so as to achieve timely and accurate management / statutory reporting.

Hence the requirement is to enable mapping of Cost Centers and Analysis Codes to Finance Book and to validate the approval and processing of transactions based on such mapping. It acts as an internal control tool for the management to regulate the usage of Cost Centers and Analysis Codes across multiple legal entities mapped as Finance Books.

#### Change Details

If Finance Book mapping based usage of Cost Center/Analysis Code are enabled in a company, and the definition to effect the same is defined in the **Manage Finance Book Mapping for Financial Dimensions** activity, based on the inclusion or exclusion the Cost Center/Analysis Code will be available for use in the transactions for a Finance Book only if those are not excluded or explicitly included. A company can opt for either Inclusion Basis or Exclusion Basis. This is applicable only for those finance transactions in which the Cost Center and Analysis Codes are entered by the user manually while performing the transactions.

- **Inclusion:** If the basis for the definition is inclusion, any user who creates transactions will be able to post to only those Cost Center/Analysis Code which are mapped as included to Finance Book of the transaction. A validation will be thrown in Create/ Save/ Authorize transactions if the user tries to use/post to the Cost Center/Analysis Code that is not mapped as inclusion to the FB of the transaction.
- **Exclusion:** If the basis for the definition is exclusion, any user who creates transactions in the finance screens will be able to post to only those Cost Center/Analysis Code which are not mapped as exclusion to the Finance Book of the transaction. A validation will be thrown in Create/ Save/ Authorize transactions if the user tries to use/post to the Cost Center/Analysis Code that is not mapped as inclusion to the FB of the transaction.

Below is the list of Business Components for which User to Cost Center/ Analysis Code/ Account Code access rights have been implemented:

Receivables Management	Customer Invoice
Receivables Management	Customer Direct Invoice

## Background

### Finance Book – User Mapping based restrictions:

Organizations which have legal entities modelled as Finance Books and require decentralized management of Finance Books independently (as a non-shared services model), with access restrictions to Finance Books to be modelled as separate companies only currently. With separate Companies (OUs), the access to finance transaction and reports can be managed with activity access rights at the OU level. However, if other functions are common and only the Finance function needs access restriction, it cannot be managed unless Access Rights to User-Finance Book is introduced.

Business Components and activities in **Book Keeping, Receivables Management, Payables Management and Fixed Asset Management** business processes are accessible to the finance users based on the mapping of the activity to the Role(s). When the user has the access to an activity, they can post the transaction to any of the Finance Book that is part of the login OU.

Hence the requirement is to restrict posting of transactions to some of the Finance Books even though the user has access to the those activities. To restrict the access rights to the user and to enable posting of transactions only in the desired finance books, User(s)/Role(s) to finance book mapping is enabled, with exclusion or inclusion basis either with user name or role name.

## Change Details

If Finance Book based user access rights are enabled in a company and the definition to effect the same is defined in the **Manage Access Rights for Finance Book**, based on the inclusion or exclusion the Finance Books will be available for selection in the transactions. A company can opt for either Inclusion basis or Exclusion basis.

- **Inclusion:** If the basis for the definition is inclusion, any user who launches the finance screens will have only the included Finance Books as per the access right definition, in the Finance Book dropdown of the transactions.
- **Exclusion:** If the basis for the definition is exclusion, any user who launches the finance screens will have only those Finance Books which are not excluded as per the access right definition, in the Finance Book dropdown of transactions.

Below is the list of Business Components for which User to Cost Center/ Analysis Code/ Account Code access rights have been implemented:

Receivables Management	Customer Invoice
Receivables Management	Customer Direct Invoice

## Background

### User – Cost Center/Analysis Code/Account Code based restrictions:

Cost Centers, Analysis Codes and Account Codes are unique for a given company and are available to all Users/Roles. This enables the users to access all Cost Centers, Analysis and Account Codes, thus giving a scope for posting of the transactions or entries for any of the CCs / Analysis Codes and Accounts. Some organizations have policies to restrict user access to Account Codes, Cost Centers and Analysis Codes to gain control / authorized usage of these entities by eligible users so as to achieve timely and accurate management/ statutory reporting.

The requirement is to enable the mapping of Cost Centers, Analysis Codes and Account codes to Users / Roles and to validate the approval and processing of transactions based on such mapping. It acts as a check for as an internal control tool for the management to regulate the access of Cost Centers, Analysis and Account Codes to Users by managing access rights.

## Change Details

If Cost Center /Analysis Code/Account Code based user access rights are enabled in a Company, and the definition to effect the same is defined in the **Manage Access Rights for Accounts & Financial Dimensions**, based on the inclusion or exclusion, then the Cost Center/Analysis Code/Account Code will be available for use in the transactions for an user only if those are not excluded or explicitly included.

A company can opt for either Inclusion basis or Exclusion basis. This is applicable only for those finance transactions in which the account code, Cost Center, Analysis Codes are entered by the user manually while performing the transactions.

- **Inclusion:** If the basis for the definition is inclusion, any user who creates transactions in the finance screens will be able to post to only the included Cost Center/Analysis Code/Account Code as per the access right definition. A validation will be thrown in Create/ Save/ Authorize transactions if the user tries to use/post to the Cost Center/Analysis Code/Account Code' which is not included.\
- **Exclusion:** If the basis for the definition is exclusion, any user who creates transactions in the finance screens will be able to post to only those Cost Center/Analysis Code/Account Code which are not excluded as per the access right definition. A validation will be thrown in Create/ Save/ Authorize transactions if the user tries to use/post to the Cost Center/Analysis Code/Account Code' which is excluded.

Below is the list of Business Components for which User to Cost Center/ Analysis Code/ Account Code access rights have been implemented:

Receivables Management	Customer Invoice
Receivables Management	Customer Direct Invoice

## Ability to generate Prepayment Invoice against Part Sale Order with capability to automatically adjust with Final Invoice

Reference: APRP-642

### Background

Currently there is a provision to raise a Prepayment Invoice with reference to a customer order or a direct Prepayment Invoice. When a final invoice for the Customer Order is generated, depending on the auto adjust option, the prepayment invoice generated against the Customer Order will be adjusted with prepayment invoice and adjustment voucher will be generated automatically.

However, the same provision to generate a Prepayment Invoice against a Part Sale Order and adjust it against the Prepayment Invoice is not available.

The requirement is to have a provision in the Prepayment Invoice to generate it against a Part Sale Order or specific lines in the Part Sale Order and based on the auto adjust option selected in the Part Sale Invoice, the adjustment voucher should be created and auto adjustment should happen.

### Change Details

1. A new control 'Ref. Doc. Type' has been added on the header section of the **Manage Invoice** UI of **Manage Direct Prepayment Invoice** activity of the **Customer Invoice** component under **Receivables Management** BPC. (Exhibit-1)

This combo will be loaded with the following values:

- Customer Order: Indicates that the Prepayment Invoice is being generated against a Customer Order.
  - Part Sale Order: Indicates that the Prepayment Invoice is being generated against a Part Sale Order.
  - Others: Indicates that the Prepayment Invoice is being generated with reference of document # other than Customer Order or Part Sale Order
- ✓ Ref. Doc. Type once selected against an invoice during creation will not be allowed to be modified. Hence this control would be disabled in the 'Work on Existing Invoice' mode when launched from **Manage Invoice**, **Edit Invoice** and **Authorize Invoice** activities.
- ✓ Depending on the Value selected in this control in the header section, the 'Ref. Doc. Type' control in the multiline will be updated.

2. The following new display-only controls are added in the multiline under **Direct Info.** of the **Manage Invoice** and **View Invoice** UI's of **Manage Direct Prepayment Invoice** activity of **Customer Invoice** component under **Receivables Management** BPC.(Exhibit- 1 & 3)

- Ref. Doc Line # - Indicates the Line # of the Part Sale Order for which the Prepayment Invoice is being created
- Part # - Indicates that Part # against the Ref. Doc. Line #
- Part Description – Description of the part available against the Ref. Doc. Line #
- Qty – Quantity of part available against the Ref. Doc. Line # as per the Part Sale Order
- Order Amount – Final Value / Price available in the Part Sale Order for the respective Ref. Doc. Line #

- ✓ The above controls in the multiline will be visible when the Ref. Doc. Type is selected as 'Part Sale Order' in the header section.

3. A new button '**Get Part Details**' is added below the multiline of the **Manage Invoice** UI of **Manage Direct Prepayment Invoice** activity of **Customer Invoice** component under **Receivables Management** BPC.(Exhibit-1)

- ✓ This button will be visible only when the Prepayment Invoice is being generated with reference to a Part Sale Order.
- ✓ On click of this button, system will retrieve the line level part details of the Part Sale Order provided in the multiline and display in the newly added controls mentioned above.
- ✓ Prepayment Invoice can be generated at:
  - a. Order level – Clicking on get part details is not mandatory, Order # can be provided in the multiline along with Invoice value directly.
  - b. Line level: Order # can be provided in the multiline and on click of 'Get Part Details', system will retrieve the part level details of the PSO.  
The user will be able to select the lines against which Prepayment Invoice needs to be generated and remove the others.

4. A new hyperlink **View Part Sale Order** has been added below the multiline of the **Manage Invoice** and **View Invoice** UIs of **Manage Direct Prepayment Invoice** activity of **Customer Invoice** component under **Receivables Management** BPC.(Exhibit- 1 & 3)

- ✓ This Link will be visible only when the Prepayment Invoice is being generated with reference to a Part Sale Order.
- ✓ The user will be able to view the details of the Part Sale Order for which the Prepayment Invoice is being generated by launching the **Manage Part Sale Order** screen from this hyperlink.



**Note:**

1. *The **Help on Invoice** and search pages for **Edit Invoice**, **View Invoice** and **Authorize Invoice** have been facilitated to search for Prepayment Invoice created with referenced to Part Sale Order.*



2. *The tabs / controls available which are valid for Customer Order only are made hidden when the Ref. Doc. Type is selected as 'Part Sale Order and the Prepayment Invoice is being generated for Part Sale Order. These will be made visible when prepayment is being created for Customer Order or Others.*
  3. *Prepayment Invoice can be created for only one 'Part Sale Order #' at a time.*
  4. *The Customer # provided in the header of the prepayment invoice should match the customer # in the part sale order provided in the multiline.*
  5. *When the prepayment invoice for Part Sale Order is generated, the sales tax rules defined for the applicable combination against the document type: 'Part Sale Invoice' will be defaulted and automatically applied as Invoice Level taxes.*
5. A new display only control '**Part/T/C/D/#**' is added in the ML of the T/C/D Details tab of the **Manage Invoice** and **View Invoice** UIs of **Manage Direct Prepayment Invoice** activity of **Customer Invoice** component under **Receivables Management** BPC.(Exhibit- 2 & 4)
- ✓ This control will be visible only in case of prepayment invoice with reference to part sale orders.
  - ✓ This control is defaulted with the Part# available in the 'Direct Info.' tab against the Line#(s) for which TCD is being applied.
6. A new tab '**Adjustment Log**' has been added beside the 'Part Info.' multiline of the '**Manage Pack slip/Bill Back** activity of '**Customer Direct Invoice**' component under '**Receivables Management**' BPC.(Exhibit- 5)

The following details will be displayed in the tab after adjustment of PPI with PSI after authorization.

- Ref. Doc. Type - The Ref. Doc. Type from the PPI which is used for auto adjustment
- Ref. Doc # - The Ref. Doc # from the PPI.
- Ref. Doc Value - The value of the Ref. Doc. # (Basic value)
- Invoice # - The Prepayment Invoice #
- Invoice Date - The date of Prepayment Invoice
- Invoice Curr. - The currency of Prepayment Invoice
- Invoice Amount - The value of Prepayment Invoice (Total Value)
- Already Adjusted - The value adjusted (if any).If the PSI is already adjustment already against any other document.
- Pending for Adjustment - The balance amount of PSI pending for Adjustment
- Current Adjustment - The amount of PSI that is being currently adjusted against the PPI available in that line.

On Authorization of Part Sale Invoice for a specific part sale order, system will verify if there are any unadjusted prepayment invoices are available with reference of the same part sale order. If available, based on the 'Auto Adjust' option selected in the invoice system will automatically create adjustment voucher for the part sale New combo control has been added

invoice and prepayment invoice and adjust the both to the extent of lowest amount among the two invoices.

**Note:**

Even though the Prepayment invoice is generated at part level, adjustment will always happen at part sale order level only. If the user wishes to adjust part sale invoice with the prepayment invoice based on the parts for which invoice has been generated, then adjustment should be done manually.

**Exhibit 1:****Manage Invoice screen**

The screenshot shows the 'Manage Invoice' screen with the following details:

- Invoice #:** CPI-000127-2020
- Invoice Type:** Prepayment Invoice
- Ref. Doc. Type:** Part Sale Order (New combo control has been added)
- Finance Book:** AVEOS
- Currency:** CAD
- Exchange Rate:** 1.00000000
- Bill To Customer #:** 101
- Ship To Customer #:** 400007
- Bill To Customer Name:** Customer 2
- Ship To Customer Name:** Customer 8

The table below shows the invoice details:

Ref. Doc. Line #	Part #	Part Desc.	Qty.	Order Amount	Invoice Amount
1	NSE-90PKI-123	FUEL PUMP	2.00000000	1000.00000000	5000.00
2	NSE-90PKI-123	FUEL PUMP	2.00000000	1000.00000000	23000.00

Annotations on the screen include:

- New hyperlink added:** View Part Sale Order
- New button added:** Get Part Details
- New multiline controls added:** T/C/D Details tab

**Exhibit 2:****Manage Invoice screen - T/C/D Details tab**

The screenshot shows the 'Manage Invoice' screen with the 'T/C/D Details' tab selected. The following details are visible:

- Invoice #:** CPI-000127-2020
- Invoice Type:** Prepayment Invoice
- Ref. Doc. Type:** Part Sale Order
- Finance Book:** AVEOS
- Currency:** CAD
- Exchange Rate:** 1.00000000
- Bill To Customer #:** 101
- Ship To Customer #:** 400007
- Bill To Customer Name:** Customer 2
- Ship To Customer Name:** Customer 8

The table below shows the T/C/D Summary:

Order Level Tax	Order Level Charges	Order Level Discount
0.00	0.00	0.00
Invoice Level Tax	Invoice Level Charges	Invoice Level Discount
0.00	0.00	0.00

The table below shows the Invoice Level T/C/D Information:

#	Line #	Part/T/C/D #	T/C/D Type	T/C/D on	T/C/D #	Variant #	Description	Taxable Amount	T/C/D Rate
1	0		Tax	Material					

Annotations on the screen include:

- New control has been added:** Part/T/C/D #

**Exhibit 3:****View Invoice screen**

**View Invoice**

**Invoice Details**

Invoice # CPI-000124-2020  
 Invoice Date 10-26-2020  
 Auto Adjust Yes  
 Bill To Customer # 101 Customer 2  
 Ship To Customer # 400007 Customer 8

Ref. Doc. Type **Part Sale Order**  
 Finance Book AVEOS  
 Currency CAD

Status Fresh  
 Invoice Category Detail  
 Exchange Rate 1.00000000  
 Customer PO #  
 Comments

**Direct Info.** | T/C/D Details | Invoice Summary

#	Ref. Doc. Type	Release #	Ref. Doc. Line #	Part #	Part Desc.	Qty.	Order Amount	Invoice Amount	Taxes	Charges	Dis
1	Part Sale Order	P0000135	1	NSE-90PKI-123	FUEL PUMP	2.00000000	1000.00000000	1200.00			

[View Part Sale Order](#)

New Display only control has been added

New hyperlink has been added

New controls have been added

Exhibit 4:

## View Invoice screen – T/C/D Details tab

**View Invoice**

**Invoice Details**

Invoice # CPI-000124-2020  
 Invoice Date 10-26-2020  
 Auto Adjust Yes  
 Bill To Customer # 101 Customer 2  
 Ship To Customer # 400007 Customer 8

Ref. Doc. Type **Part Sale Order**  
 Finance Book AVEOS  
 Currency CAD

Status Fresh  
 Invoice Category Detail  
 Exchange Rate 1.00000000  
 Customer PO #  
 Comments

**Direct Info.** | **T/C/D Details** | Invoice Summary

**T/C/D Summary**

Order Level Tax 0.00  
 Invoice Level Tax 0.00  
 Order Level Charges 0.00  
 Invoice Level Charges 0.00  
 Order Level Discount 0.00  
 Invoice Level Discount 0.00

**Invoice Level T/C/D Information**

#	Line #	Part/T/C/D #	T/C/D Type	T/C/D on	T/C/D #	Variant #	Description	Taxable Amount	T/C/D Rate	Qty. Info.
1	1	NSE-90PKI-123	TAX	Document	C-GST	P-CGST-ZP	P-CGST-ZP	1200.00	0.000	

New control has been added

Exhibit 5:

## Manage Pack Slip / Bill Back Invoice screen

**Manage Pack slip/Bill back Invoice**

**Invoice Details**

Invoice # PSINV0000392017  
 Invoice Type **Part Sale Invoice**  
 Status Fresh  
 Invoice Date 11-12-2020  
 Numbering Type  
 Currency CAD  
 Finance Book AVEOS  
 Comments  
 Sale Type AIN

**Customer Details**

Customer #  
 Customer Name  
 Bill to Cust. # 400004  
 Bill to ID  
 Bill to Cust. Name Customer 6  
 Ship to Cust. # 400007  
 Ship to ID Bill to  
 Ship to Cust. Name Customer 8

**Payment Details**

Pay Term N030D000\_00.0  
 Anchor Date 11-12-2020  
 Receipt Type CREDIT  
 Receipt Method Regular  
 Cash #  
 Remit to Company AVEOS  
 Remit to Bank  
 Auto Adjust Yes  
 Price list #

**Invoice Value Summary**

Basic Value	TCD Value
4200.00000000	0.00000000
Freight Amount	Total Inv. Amount
0.00	4200.00
Exchange Rate	Total Inv. Amount (Base curr.)
1.00000000	4200.00000000

**Part Info** | **Adjustment Log**

#	Ref. Doc. Type	Invoice #	Invoice Date	Invoice Curr.	Invoice Amount	Already Adjusted	Pending for Adjustment	Current Adjustment
1	PSO	0000190-2020	11-12-2020	CAD	2000.00000000	0.00000000	4200.00000000	0.00000000
2	PSO	0000190-2020	11-12-2020	CAD	2000.00000000	0.00000000	4200.00000000	0.00000000
3	PSO	0000190-2020	11-12-2020	CAD	2000.00000000	0.00000000	4200.00000000	0.00000000
4	PSO	P0004225	4200.00000000	CPI-000190-2020	11-12-2020	CAD	2000.00000000	0.00000000

New Tab has been added

## WHAT'S NEW IN SLA MANAGEMENT?

### Ability to define the SLA sequence for different transaction types

Reference: APRP-315

#### Background

ITM organizations providing inventory technical management services to its customer, have standard SLA's to be followed for the services being provided. The SLA's needs to be tracked at each transaction-event level and actual duration should be compared with the standard duration as per the agreed terms and conditions. If there is any deviation, post mortem analysis will be done at each of the event level to identify the delay reason and take necessary action.

Hence the requirement is to identify the events along with the sequence in which they will be performed for a transaction, so the time taken for each event can be calculated accordingly.

#### Change Details

- A. A new component **SLA Management** is added under **Service Sale Management** business process. (Exhibit-1).
- B. A new activity **Manage SLA Timestamp Sequence** is added under **Service Sale Management** business process>**SLA Management** component. (Exhibit-1).
- C. A new UI **Manage SLA Timestamp Sequence** is launched and displayed under **Service Sale Management** business process>**SLA Management** component > **Manage SLA Timestamp Sequence** activity. (Exhibit-1).

The new UI is enabled with two sections:

#### 1. Search Criteria

The following attributes are provided in the search section to retrieve the records based on the search criteria specified:

- Terms For: Indicates the cycle for which the timestamp sequence details available to be retrieved. Loaded with 'Sourcing', 'Returns' and 'Acknowledgement'
- Transaction Type: Indicates the transaction type of the cycle selected for the details to be retrieved. Loaded with the values based on the value selected in the 'Terms For' field.
  - a. Sourcing :
    - ✓ Blank
    - ✓ Part Sale Issue
    - ✓ Adv. Exchange Issue
    - ✓ Reg. Exchange Issue
    - ✓ Home Based Cons.-Issue

## b. Returns :

- ✓ Blank
- ✓ Adv. Exchange Core Return
- ✓ Reg. Exchange Core Return
- ✓ Home Based Cons.- Core Return

## c. Acknowledgment :

- ✓ Blank
- ✓ Request Acknowledgment
- ✓ Order Acknowledgment

- Status: Indicates the status of the details to be retrieved. Loaded with 'Active', 'Inactive' and 'Blank'.

**Note:**

1. *Based on the search criteria provided, the applicable records already available are retrieved and displayed in the multiline*
2. *If 'Status' is selected as 'Blank', then all the records available in both 'Active' and 'Inactive' status for the selected 'Terms for' and 'Transaction type' will be retrieved.*
3. *If the 'Transaction type' is selected as 'Blank', then all the records available for all transaction types for the selected 'Terms for' will be retrieved.*

2. **SLA Time stamp details**

The following details can be provided in the multiline for a selected 'Terms For' and 'Transaction Type' to generate a unique Line # for defining the timestamp sequence for the events that will be executed for the Transaction Type:

- Terms for: Indicates the cycle for which the Line # is to be generated. Lists the options 'Sourcing', 'Returns' and 'Acknowledgment'. Defaulted with 'Sourcing' on screen launch or based on the value selected in the 'Header' - 'Terms For' control (if user selects).
- Transaction Type: Indicates the transaction type of the cycle for which the Line # is to be generated. Lists the options the applicable values (as mentioned above) based on the value selected in the 'Terms For' in the Search Criteria section.
- Line #: Unique identification number generated by the system on saving details. This Line # will be used as reference to define the timestamp sequence.
- Status: Indicates the status of the definition available against the Line #. Loads with 'Active' and 'Inactive', defaulted with 'Active' on screen launch.

- Start Reference Date: Indicates the starting event for the cycle-transaction type combination for which the sequencing of the intermediate events needs to be defined. Values loaded with all the active Category Codes defined against the Category Type: 'SLA Start Reference Date' under the Entity 'Common' available under **Maintain Category Codes** screen.
- End Reference Date: Indicates the ending event for the cycle-transaction type combination for which the sequencing of the intermediate events needs to be defined. Values loaded with all the active Category Codes defined against the Category Type: 'SLA End Reference Date' under the Entity 'Common' available under **Maintain Category Codes** screen.
- Sys. Start Reference Date/Sys. End Reference Date: Indicates the system identified event/transaction for the user selected start/end reference dates. Lists the following values:
  - ✓ Blank,
  - ✓ Manual,
  - ✓ Request Generation Date & Time,
  - ✓ Request Confirmation Date & Time,
  - ✓ Request Acknowledgement Date & Time,
  - ✓ Source Doc. Due Date,
  - ✓ Customer Order Generation Date & Time,
  - ✓ Customer Order Confirmation Date & Time,
  - ✓ Customer Order Approval Date & Time,
  - ✓ Customer Order Acknowledgement Date & Time,
  - ✓ Issue Generation Date & Time,
  - ✓ Issue Confirmation Date & Time',
  - ✓ Shipping Note Generation Date & Time,
  - ✓ Shipping Note Confirmation Date & Time,
  - ✓ Advance Shipping Note Generation Date & Time,
  - ✓ Goods Receipt Date & Time,
  - ✓ Goods Receipt - Confirmation Date & Time,
  - ✓ Goods Receipt - Inspection Confirmation Date & Time,
  - ✓ Goods Receipt - Generation Date & Time,
  - ✓ Goods Receipt - Completion Date & Time
  - ✓ AWB Date & Time.
- Timestamp Ref. defined?: Indicates whether Timestamp Sequence has been defined or not for the cycle-transaction type combination in the **Set Timestamp Sequence** screen.

- A new hyperlink **Set Timestamp Sequence** is added under the **Service Sale Management** business process>**SLA Management** component > **Manage SLA Timestamp Sequence** activity > **Set Timestamp Sequence** UI. ( Exhibit-2 )

The new UI is enabled with two sections:

1. **SLA Timestamp Details:**

The following details are available in this section retrieved based on Line # selected:

- Line #
- Terms for
- Transaction Type
- Start Reference Date
- Sys. Stamp Reference Date
- End Reference Date
- Sys. End Reference Date



**Note:**

1. 'Line #' is loaded with all the Line #(s) in active status defined under **Manage SLA Timestamp Details** screen.
2. When a particular Line # is selected in the header, all the other controls in the header are populated with the details defined against the Line # in the **Manage SLA Timestamp Sequence** screen.

2. **Timestamp Sequence Details:**

The following controls are available in the multiline under this section to identify the intermediate events between the start and end date and also the sequence:

- Start Reference Date – Indicates the user defined reference date of the event
- Sys. Start Reference Date – Indicates the system identified reference of the event
- Time Stamp Seq. – Sequence of the event in the cycle



**Note:**

*'The Timestamp Ref. Defined?' control against the Line # in the **Manage SLA Timestamp Sequence** is updated as 'Yes' when at least one record is saved against that Line # in the **Set Timestamp Sequence** screen.*

## Exhibit 1:

## Manage SLA Timestamp Sequence screen in the SLA Management business component

★ Manage SLA Timestamp Sequence

RAMCO OU-ramco role

Search Criteria: Terms For **Sourcing** Transaction Type **Part Sale Issue** Status **Manual** **Search**

SLA Timestamp Details

#	Terms For	Transaction Type	Line#	Start Reference Date	Sys. Start Reference Date	End Reference Date	Sys. End Reference Date	Remarks
1	Sourcing	Reg. Exchange Issue	1	Request Generation Date & Ti...	Manual	End 2	Manual	manual test
2	Sourcing	Part Sale Issue	2	Advance Shipping Note Gener...	Manual	ED1	Manual	manual test
3	Sourcing	Part Sale Issue	4	Start 1	Request Confirmation Date & ...	Goods Receipt Confirmation ...	Customer Order Generation D...	888k
4	Sourcing	Part Sale Issue	6	Advance Shipping Note Gener...	Request Generation Date & Ti...	End 2	Request Generation Date & Ti...	
5	Sourcing	Part Sale Issue	7	Advance Shipping Note Gener...	Request Generation Date & Ti...	ED1	Manual	pjo
6	Sourcing	Part Sale Issue	13	Request Generation Date & Ti...	Manual	ED1	Customer Order Confirmation...	
7	Sourcing	Reg. Exchange Issue	15	Advance Shipping Note Gener...	Advance Shipping Note Gener...	Request Acknowledgment Co...	Goods Receipt Date & Time	
8	Sourcing	Home Based Cons.-Issue	19	Start 1	Advance Shipping Note Gener...	Goods Receipt Confirmation ...	Shipping Note Confirmation D...	
9	Sourcing	Reg. Exchange Issue	20	Start 1	Shipping Note Confirmation D...	ED1	Shipping Note Confirmation D...	
10	Sourcing	Part Sale Issue	22	Advance Shipping Note Gener...	Goods Receipt Date & Time	End 2	Goods Receipt Date & Time	
11	Sourcing	Adv. Exchange Issue	24	Request Generation Date & Ti...	Advance Shipping Note Gener...	Shipment Note Confirmation ...	Issue Confirmation Date & Ti...	
12	Sourcing	Part Sale Issue	25	Start 1	Issue Generation Date & Time	Shipment Note Confirmation ...	Advance Shipping Note Gener...	
13	Sourcing							

New screen introduced with new controls

New Hyperlink 'Set Timestamp Sequence' has been added.

Save

[Set Timestamp Sequence](#)

## Exhibit 2:

## Set Timestamp Sequence screen in the SLA Management business component

★ Set Timestamp Sequence

SLA Timestamp Details

Line# **2** Terms For **Sourcing** Transaction Type **Part Sale Issue**

Start Reference Date **Advance Shipping Note Generation Date & Time** Sys. Start Reference Date **Manual** End Reference Date **ED1** Sys. End Reference Date **Manual**

Timestamp Sequence Details

#	Start Reference Date	Sys. Start Reference Date	Timestamp Seq.	Created By	Created Date & Time	Modified By	Modified Date & Time
1	Request Generation Date & Time	Request Confirmation Date & Time	1				
2	Request Generation Date & Time	Request Acknowledgement Date & Time	1				
3							

New UI 'Set Timestamp Sequence' has been displayed

Save



## WHAT'S NEW IN FLIGHT CONTRACT / FLIGHT BILLING?

### Ability to define billing heads and maintain Invoice rates at call sign level in Flight Contract

### Provision to generate Invoice Release by grouping at call sign level

Reference: APRP-1553

#### Background

Some organizations which provide flight charter services to their customers agree as part the Flight Contract, the pricing and invoicing terms for all the aircrafts that are chartered to their customers. In some contracts, these pricing and invoicing terms may be agreed at contract level, in some others it can be at each Aircraft Model level or Aircraft Reg. level. While we already have the provision in Flight Contract to define the billing and rates terms at contract level as well as the Aircraft Level, the new requirement is that these pricing and invoicing terms vary depending on the call sign against the aircraft has flown.

Hence the requirement is to be able to define the billing heads and rates in the contract at call sign level, generate Flight Sheets with billing heads based on the call sign identified from the Journey log and then group and generate Invoice Release at call sign level.

#### Change Details

##### Flight Contract:

- A. A new combo control '**Call Sign #**' is added in the multiline of the 'Invoice Basis' tab under the **Flight Operations** business process > **Flight Contract** component > **Manage Flight Contract** activity. (Exhibit-1)
- This control will be loaded with:
    - 'Blank'
    - The 'Customer Call Sign #' (s) which are defined in the **Maintain Call Sign Information** screen for this applicable Contract #.



##### **Note:**

1. *Defining the billing heads at call sign level is not mandatory.*
2. *However if the user starts defining one billing head with call sign, then all the billing heads at contract level or line level(except for contract level one time fixed Charges) should be defined with call sign.*

- Billing head definitions are allowed at contract level / Line # level with reference to different call signs with different milestones.
- B. A new combo control '**Call Sign #**' is added in the multiline of the 'Invoice Rates' tab under the **Flight Operations** business process > **Flight Contract** component > **Manage Flight Contract** activity. (Exhibit-2).

**Note:**

*Defining Invoice rates at call sign level is not mandatory. (Even though definition in Invoice basis tab is available at call sign level).*

- Rate definitions are allowed in the 'Invoice Rates' tab at line # - Call Sign #- Billing Head or Contract - Call Sign # - Billing Head level.

- C. A new combo control '**Call Sign #**' is added in in the 'Select Billing Heads' section & a new display only control '**Call Sign #**' is displayed in the multiline of the '**Usage Rates - Slab Based**' tab under the **Flight Operations** business process > **Flight Contract** component > **Manage Flight Contract** activity. (Exhibit-3).

**Note:**

*Defining Slab Rates at call sign level is not mandatory. (Even though definition in Invoice basis tab is available at call sign level).*

- Slab rate definitions are allowed at line # - Call Sign #- Billing Head or Contract - Call Sign # - Billing Head level.

1. Flight Contract Evaluation:

During Creation of Flight Sheet, the Call Sign # provided in the JL will be considered to evaluate the Applicable Flight Contracts (available in Flight Contract or definitions in Maintain Customer Call Sign Information). If Call Sign # is not provided, the existing functionality would prevail.

2. Grouping logic for flight generation:

When multiple Journey Logs are selected for Flight Sheet generation, 'Call Sign #' will also be considered as attribute and One Flight Sheet per Call Sign # will be generated.

3. Eligible Billing:

During Flight Sheet generation, based on the Call Sign # availability in the Journey Log and the definitions in the applicable Flight Contract, only the billing heads applicable for the line #- Call Sign # will be considered for billing.

- D. A new display only control '**Call Sign #**' is added in the multiline of the 'Search Results' section under the **Flight Operations** business process > **Flight Billing** component > **Manage Flight Invoice Release activity** > **Select Documents** UI to display the call sign # against which the milestone is populated or Invoice Release is generated.(Exhibit- 4)

- E. Two new options: 'Contract - Call Sign #' and 'Contract - Line # - Call Sign #' are provided in the combo 'Group by' Option. (Exhibit- 4)

- If the Group by is selected as:

- Contract # - Call Sign #: One invoice release for each Contract - Call Sign # combination will be generated.
- Contract # - Line # - Call Sign #: One invoice release is generated for each Contract - Line # - Call Sign # combination.

F. The existing 'Contract # /Line #' control in the 'Release Main Info.' section is renamed as '**Contract # / Line #/ Call Sign #**' under **Flight Billing** component >**Manage Flight Invoice Release** activity > **Manage Flight Invoice Release UI**. (Exhibit- 5)



**Note:**

- If the billing heads in the 'Invoice Basis' tab of flight contract are not defined at Call Sign level, then milestones will be populated as per the existing logic.
- If the set option 'Apportioning of Fixed Charges based on no. of days flown' is set as
  - 'Required': Then the Invoicing Milestones for billing heads with Invoicing Element/Charge type: 'Fixed Charges - Std. rate' will be retrieved for billing (depending on the invoicing milestone definition) only when at least one flight sheet is available/generated for the Contract #/Contract - Call Sign #/ Line #/Line # - Call Sign # combination and milestone date is for the horizon is achieved for the billing head.
  - 'Not required': Then the existing functionality would prevail and the milestones are retrieved as per the existing functionality.

**Exhibit 1:**

Edit Pricing & Invoicing Info. screen of **Flight Contract** component

Contract # / Rev. # FlightContract1/0  
Charter Type Regular  
Contract Type Customer Specific  
Effective from 01-04-2016  
Status Approved  
Effective to

Parameters **Inv. Basis** Inv. Rates Usage Rates - Slab Based Crew Char

Defn. at / Line # Line Level ALL

#	Defn. at	Line #	Call Sign #	Charge	Billing Cat.	As Required	Pay Term	Status	Charge for	Charge Type	Min. Usage
1	Line Level	1	AC	Mobilization Fee	Billing Cat.	As Required	N030D000_00.0	Active		Fixed Amount	
2	Line Level	1	AC	Usage Based Charges	Billing Cat.	Begn. of Billin...	N030D000_00.0	Active	Usage	Std. Rate	
3	Line Level	1	BC	Demobilization Fee	Billing Cat.	As Required	N030D000_00.0	Active		Fixed Amount	
4	Line Level	2	FD	Usage Based Charges	Billing Cat.	Begn. of Billin...	N030D000_00.0	Active	Usage	Std. Rate	
5	Line Level	2	CD	Demobilization Fee	Billing Cat.	As Required	N030D000_00.0	Active		Fixed Amount	
6	Line Level	2	CD	Mobilization Fee	Billing Cat.	As Required	N030D000_00.0	Active		Fixed Amount	
7	Line Level	ALL						Active			

Save Inv. Basis

## Exhibit 2:

Edit Pricing &amp; Invoicing Info. screen of Flight Contract component:

**Contract Main Details**

Contract # / Rev. # : FlightContract1/0  
Contract Type : Customer Specific  
Charter Type : Regular  
Effective from : 01-04-2016  
Status : Approved  
Effective to :

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

Defn. at: Line Level

#	Defn. at / Line #	Line #	Call Sign #	Billing Category	Inv. Element	Inv. Basis	A/c Assign. Type	From Station
1	Line Level	1	BC	As Primary	Demobilization F...	Billing Cat.	Fixed Charges	As Required/Fixed Amc
2	Line Level	2	CD	As Primary	Demobilization F...	Billing Cat.	Fixed Charges	As Required/Fixed Amc
3	Line Level	1	CD	As Primary	Mobilization Fee	Billing Cat.	Fixed Charges	As Required/Fixed Amc
4	Line Level	2	AC	As Primary	Mobilization Fee	Billing Cat.	Fixed Charges	As Required/Fixed Amc
5	Line Level	1	AC	As Primary	Usage Based Ch...	Billing Cat.	Operating Charges	Begn. of Billing Horizon
6	Line Level	2	FD	As Primary	Usage Based Ch...	Billing Cat.	Operating Charges	Begn. of Billing Horizon
7	Line Level	ALL						

Save Inv. Rates

## Exhibit 3:

Edit Pricing &amp; Invoicing Info. screen of Flight Contract component:

**Contract Main Details**

Contract # / Rev. # : PHICONTRACT/0  
Contract Type : Customer Specific  
Charter Type : Regular  
Effective from : 2020/08/01  
Status : Approved  
Effective to :

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

**Select Action**  
Maintain Rates (selected) | View Rates

**Select Billing Head**

Defn. at: Line Level  
Line # : 1  
Billing Head : Flight Hour Charges  
Call Sign # : FC01  
A/c Model # : A310  
Rate Defn. for A/c : Flat  
Rate Application : Flat  
Currency : CAD  
Inv. Basis : Begn. of Billing Horizon/Std. Rate

Get Details

**Search Criteria**

**Maintain Rates**

#	Line #	Call Sign #	Billing Category	To Station	Usage from	Usage to	Unit	Rate	Pricing Notes	Remarks
1	1	FC01		ORD	1.00	4.00	Per Flight Hour	150.00	Usage based	
2	1	FC01	Exclusive	ORD	5.00	9.00	Per Flight Hour	150.00	Usage based	
3			Exclusive							

Save Usage Rates - Slab Based

## Exhibit 4:

Select Documents screen of Flight Billing component

**Select Documents** RAMCO OU-Ramco

**Search Criteria**

Display Option: Pending Setup  
 Customer:   
 Addtl. Search:

Exceptions:   
 Billing Rep.:   
 Document:   
 Date:

Search

**Search Results**

#	Customer #	Customer Name	Contract #	Line #	Call Sign #	Inv. Milestone	Inv. Milestone Date
1	13840	13840CUST	PHICONTRACT	1	FC02	As Required	
2	13840	13840CUST	PHICONTRACT	1	FC01	End of Billing Horizon	2020/10/31
3	13840	13840CUST	PHICONTRACT	1	FC01	End of Billing Horizon	2020/10/31
4	13840	13840CUST	PHICONTRACT	1	FC01	End of Billing Horizon	2020/10/31
5	13840	13840CUST	PHICONTRACT	1	FC01	End of Billing Horizon	2020/10/31
6	13840	13840CUST	PHICONTRACT	1	FC01	End of Billing Horizon	2020/10/31
7	13840	13840CUST	PHICONTRACT	1	FC01	End of Billing Horizon	2020/09/30
8	13840	13840CUST	PHICONTRACT	1	FC01	End of Billing Horizon	2020/11/30

**Generate Flight Billing**

Group by: Contract - Call Sign #

Generate Release

View Flight Sheet

Review Flight Sheet Details

Generate Release

A new control 'Call Sign #' has been added.

## Exhibit 5:

Manage Flight Invoice Release screen of Flight Billing component:

**Manage Flight Invoice Release**

**Release Main Info.**

Inv. Release # FIR-000048-2013  
 Customer # 13840  
 Charter Type Regular  
 Rel. Value (Billing Curr.) 100.00

Billing Horizon Contract Month  
 Customer Name 13840CUST  
 Charter Category Dry  
 Exchange Rate 1.00

Release Status Fresh  
 Contract # / Line # / Call Sign # PHICONTRACT/1/FC01  
 Billing Currency  
 Rel. Value (Base Curr.)

**Main Info.** Fixed Charges Operating Charges Crew Charges Other Charges Flight Sheet Ref. Fuel Uplift Ref. Charge Back Ref. Exceptions

**Release Info.**

Inv. Rel. Date 2020/12/23  
 Rev.Assign.Unit  
 Bill to Customer 400007

Inv. Category INV01  
 Company Address ID 1  
 Release Remarks

Billing Rep. 00000001  
 Pay Term E0ZZ

**Billing Summary**

#	Billing Head	Billing Category	Inv. Element	Pricing Currency	Unit	Qty-Billable	Qty-Non Billable
1	Exclusive Fee		Fixed Charges	CAD	Per Month	1.00	
2	Flight Hour Charges		Operating Charges	CAD	Per Flight Hour	5.00	
3	Passenger Handling Fee		Operating Charges	CAD	No. of PAX	7.00	
4							

Re-apply Price ☐

Save Main Info

Existing control has been renamed as 'Contract #/Line#/Call Sign #'

## Provision to apportion Monthly Fixed charges at call sign based on no. of days flown

Reference: APRP-1554

### Background

Currently Fixed Charges billing to the customer against a Flight Contract can be: 'One Time – Per contract / per aircraft', 'per month (throughout the contract period) - per contract / per aircraft and 'Per Day (for the effectivity of Aircraft) – per Aircraft'.

However there is no provision to bill the customer for fixed charges per day depending on the number of aircrafts available or flown.

Hence the requirement is to consider the number of days the aircraft has flown for billing the fixed charges as well.

### Change Details

New parameters are added under the **Edit Pricing & Invoicing Info.** page of **Flight Operations** business process

> **Flight Contract** component > **Manage Flight Contract** activity. (Exhibit-1)

5. Category : Billing  
Element : Fixed Charges  
Process Parameters: Apportioning of Fixed Charges based on no. of days flown  
Permitted Value : Enter '0' for 'Required' and '1' for 'Not Required'  
If this is parameter is set as
  - Not Required: Then Apportioning of Fixed charges will not be done based on no. of days flown.
  - Required: Then Apportioning of Fixed charges will be done based on no. of days flown.
6. Category : Billing  
Element : Fixed Charges  
Process Parameters: Basis on which no. of days should be computed for apportioning fixed charges  
Permitted Value : Enter '0' for 'JL Date'  
If this is parameter is set as
  - '0' for JL Date: if the above parameter-1 is set as '0' - 'Required'. Indicates that the no. of days will be considered based on the unique dates on which Journey log is available for Aircraft.
  - 'Blank': 'Blank' if the above parameter-1 is set as '1' - 'Not required'.

## WHAT'S NEW IN SALES TAX RULES?

### Ability to calculate ADAPT tax based on Station and Segment tax based on number of passengers in Customer Invoice

Reference: APRP-1043

#### Background

US Government has identified certain airports as part of its 'Airport Development Aid Program' (ADAP). Flight service providers are charged with Additional Taxes (ADAPT charge) for landing and take-off from those Airports. So the heli charter organizations who operate its flights in these airports to its customers have to pay the tax on the revenue earned for journeys to and from these stations which they will collect from the customers.

Hence provision is needed to apply these taxes in the Flight Invoice if any journey is made in the respective stations and taxable amount to be considered to the extent of that revenue from these stations.

The requirement has been met by introducing a new tax type in the TCD master with applicable attributes available only for organizations in USA. Sales Tax Rules are enhanced to capture the station (from and to) and the Aircraft Reg. for which these taxes are applicable along with provision to specify the element on which the taxes should be applied.

On generation of Flight Invoice from Invoice Release, Sales Tax Rules will be automatically applied and the ADAP and Segment tax will be calculated based on the standard computation logic defined based on the new tax type metadata introduced.

#### Change Details

- A. A new control '**Aircraft Model**' is added in the multiline and in header section of **Sales Setup** business process > **Sales Tax Rules** component > **Manage Sales Tax Rules** activity. (Exhibit-1)



#### Note:

1. New meta data "ADAP" has been introduced under 'Tax Type' in the TCD master to define the ADAP TCD Codes.
2. New meta data 'ADAP' and 'SEGMENT TAX' has been introduced under 'Tax Category' for Tax Type 'ADAP' in the TCD master to define the ADAP and Segment TCD's.
3. Sales Tax Rules for document type: 'Customer Misc. Invoice – Flight Contract based' can be defined with Customer Group, Aircraft Model and Station.
4. "Aircraft Reg. #" based definitions will not be allowed for any other document types.

- B. New Values 'Fixed -Std. Rate', ' Usage - Per hour', 'Others-No. of Pax' are loaded in the 'Applied n' in the multiline of the Sales **Setup** business process > **Sales Tax Rules** component > **Manage Sales Tax Rules** activity along with existing values.

**Note:**

1. Newly introduced values for 'Applied On' are allowed to define the Sales Tax Rules only against 'Customer Misc. Invoice – Flight Contract based' document type. These will not be allowed for any other document types.
2. Applied on :
  - a. **Fixed - Std. rate** : Indicates that the tax will be applied only on all the billing heads with invoicing element 'Fixed Charges' and Charge Type 'Std, rate' available in the flight invoice release for which Flight Invoice is generated.
  - b. **Usage - Per Hour**: Indicates that the tax will be applied only on all the billing heads with invoicing element 'Operating Charges' and Unit 'Per Hour' available in the Flight Invoice Release for which Flight Invoice is generated.
  - c. **Others – No. of Pax.**: Indicates that the tax will be applied based on the number of passengers information passed on from the journey log.
3. Applied on 'Others- No of Pax.' can be selected only when the TCD code and variant selected against any line is of basis: Unit Rate.

Inheritance of Sales Tax Rules (Tax Type - ADAP, Tax Category - ADAP Tax):

On generation of Flight Invoice (either automatically on confirmation of Invoice Release or manually generation by clicking on 'Generate Invoice'), the Sales Tax Rules defined at Aircraft Model and Station combinations are inherited and applied provided the Flight Invoice Release has at least one Flight Sheet with the Journey Logs having From Station/To Station as defined in the Sales Tax Rules, Flight Sheet generated for at least one Aircraft Reg # belonging to the Aircraft Model defined in the Sales Tax Rules and Invoice Release has billing heads with the attributes as 'Applied On' defined in the Sales Tax Rules.

1. Taxable Amount for TCD with Tax Type : ADAP and Applied on 'Fixed - Std. Rate':
  - Taxable Amount = Sum of { Fixed charges at each Aircraft Level \* No. of days the aircraft has flown in that station /Total no. of days the Aircraft has flown in the billing horizon }
2. Taxable Amount for TCD with Tax Type : ADAP and Applied on 'Usage - Per hour':
  - Taxable Amount = Sum of { Operating charges at each Aircraft \* No. of hours aircraft has flown in that station/Total no. of hours the Aircraft has flown in the billing horizon }

**Note:**

1. Irrespective of definition in Sales Tax Rules (defined separately at Station and Model level), aggregate taxable amount at each TCD code / variant level will be consolidated for all the Billing Heads and shown in the Invoice Release.
2. Only the aircrafts belonging to the model for which the Sales Tax Rules are applied should be considered.
3. Station indicates either 'From Station' or 'To Station' available in any of the JL's considered for generating the Invoice Release should be matching with the station defined against the Sales Tax Rules.
4. On the taxable amount computed, the tax rate as defined against the TCD rate will be applied to compute the tax amount.



## 3. Taxable Amount for TCD with Tax Type: ADAP and Applied on 'Others - No. of Pax.':

- Taxable Amount = Total no. of passengers against all the Journey legs in all the Journey logs of flight sheets considered for billing.

**Note:**

*Taxable Amount = Total no. of passengers (maintained in backend) against all the Journey legs in all the Journey logs of flight sheets considered for billing \* TCD rate.*

**Exhibit: 1****Manage Sales Tax Rules** screen in the **Sales Tax Rules** business component

★ **Manage Sales Tax Rules** RAMCO OU-ramco role

Document Type: **Customer Misc. Invoice - Flight**

**Search Criteria**

Customer Group:  Invoice Category:  From & To Tax Region:

Station:  Part/Service Group:  Aircraft Model: **A310**

Valid From/To: 12-22-2020 12-22-2020 Delivery Area:  Shipping Warehouse:

**Sales Tax Rules**

#	Customer Group	Aircraft Model	Station	Shipping Warehouse	Tax Code	Tax Desc.	Variant Code	Variant Desc.	Applied on	From Tax Re
1	DOM	A310	ORD		ADAP FIX	ADAP Fixed	ADAP VARI	ADAP VARIABLE	Usage - Per hour	
2	DM	A310	ORY		ADAP SEGTAX	ADAP - SEGTAX	SEGTAX	SEGTAX	Others - No. of Pax.	
3		A310	YUL		ADAP FIX	ADAP Fixed	ADAP FIXED	ADAP FIX	Fixed - Std. Rate	
4										

A new controls 'Aircraft Model' has been added in multiline & header

### Corporate Office and R&D Center

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