

Corporate Services Release Report

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Release Date: 10/6/2009

PR 10645 **Pro-Rated Billing is not triggered prior to weekly charges**

DLL:BILLG
DB:CS_SQL_SCRIPTS
APP:TRAKQUIP

Client Reports:

View the attached billings: As you can see these are two billings on the same contract, the first one is a month which is correct and it established the daily prorate of \$330. The second billing while it recognized that a month had already been billed, it did not establish a prorated weekly rate based on $\$330 \times 5 = \1650 times 2 = $\$3300$ plus one day $\$330 = \3630 , or bill daily for the duration of the contract for 11 days @ $\$330 = \3630 . Either of these methods would have calculated to the correct billing amount.

9/23/2009: Case re-opened, still not creating the calculations expected

Investigation Results:

Found that weekly charges are billed prior to complete test for prorated charges.

9/23/2009: Investigation reveals that code was written to qualify for pro-rate only when a billing month had been exceeded rather than achieved.

Result of Report:

Re-located test for proration from previous invoices to insure that pro-rated logic is properly used

9/23/2009:

Modified code from that looked for more billing days than the days in the month
If `intNumDaysAlreadyBilled > intTmpDays And (.Monthly > 0) Then`
TO code that accepts previously billed days equal to a month
If `intNumDaysAlreadyBilled >= intTmpDays And (.Monthly > 0) Then`

Release Date: 10/8/2009

PR 10724 **Creating credit memos on the AR export produces a SQL Syntax error**

APP:TRAKQUIP
DLL:INVOICE
DLL:LOGIN

Client Reports:

1. When exporting Credit memos using the accpac 5.5 export, it produces an error. It is trying to convert a CHAR to a MONEY.
2. Non taxable line should default to 2 and not 0

Investigation Results:

The tax amount and taxable amount fields in the `tblapproved_invc_hdr` table where being stored formatted to currency. This means that negative values were stored in the format `"$(x.xx)"` which could not be easily converted back to a numeric value.

Result of Report:

Changes were made to store the values of these fields in a non-currency numeric format and to convert these values in the existing data.

Changes were also made to set the taxable flag as follows:

- 0 - no jurisdiction code
- 1 - taxable (non-zero tax percent and flagged taxable)
- 2 - non-taxable

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PR 10439 **Primary key error during batch invoicing**

APP:Batch

Client Reports:

A client received the following error message while running Batch.

BatInvc

Error -2147217873 ([Microsoft][ODBC SQL Server Driver][SQL Server]Cannot insert duplicate key row in object 'dbo.invoiceitem' with unique index 'IX_invoiceitem_12'.) in procedure AddSurchargeLine of Form frmBatchInvc

Investigation Results:

This reflects a conflict with the next invc_ucounter in the series. This is most likely due to another user creating an invoice while the batch process was being run. Modifications should be made to retrieve the invc_ucounter later in the process of creating the surcharge to reduce the chance of conflict.

It was also noted that the surcharge function does not properly suppress this message in silent mode and does not write this error to the batch error log.

Result of Report:

A code change was made to get the next available ucounter immediately before the update. This will lessen the chances of getting a duplicate ucounter.

A second code change was made to properly suppress error messages while in the AddSurchargeLine function.

PR 9997 **Issue when creating invoice with documents attached**

APP:Batch

APP:TRAKQUIP

Client Reports:

The client is receiving error messages when creating invoices from tickets with attached documents.

Investigation Results:

Investigation revealed quotation marks were not used on an alphanumeric field when running a query to select the documents from the ticket.

Result of Report:

Quotation marks were added to the query.

PR 10652 **Invoice Report total not matching Sales Report total**

APP:RTMS

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PR 10652 Invoice Report total not matching Sales Report total

Client Reports:

Client reports that the when they ran the Invoice report and then the Sales report to check the totals that the Invoice report showed .10 more than the Sales Report.

Investigation Results:

The invoice report was not rounding the discount before subtracting it from the line total.

Result of Report:

Code changes were made to round the line item discount before subtracting it from the line total.

PR 10451 New Activity Report shows transfers incorrectly

DB:CS_SQL_SCRIPTS

DLL:REPORTS

APP:RTMS

Client Reports:

In the New Activity report, the Items Returned section was displaying tickets that were transferred from one location to another. When a ticket is transferred, the items get returned on the transferring ticket and posted on the new ticket. A ticket should only appear on the Items Returned section when it has been final returned, and not returned through the transfer process

Investigation Results:

We verified that we were only returning the first ticket that was transferred in the Items Returned section.

Result of Report:

Two new fields were added to the delivery ticket item table to help track items that were transferred. The New Activity report was modified to use these fields to properly report only the final returned ticket, instead of all transferred tickets.

PR 10695 Corrections needed to Ticket and Invoice XML

DLL:TICKET

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PR 10695 **Corrections needed to Ticket and Invoice XML**

Client Reports:

Ticket issue:

1. Header information for from/thru dates not centered
2. One-time charges printing of Dates not centered
3. From/thru dates not printing.... only the start rent date is printing in some cases. It should be "O", "X" & "S" Itypes that print only the start date and no thru date
4. Inside sales person now printing full name from user log in. Client would like it to go back to the original way which is the log in code and not the full name.
5. *The extended totals print even though the category is set not to print
6. *The Minimum amount does not print even though the category is set to print

NOTE items 5 & 6 may have been corrected on 9851 however it has not been encapsulated and sent to client yet.

Invoice issues

1. When printing a range of invoices, From/thru dates not printing.... only the start rent date is printing. It should be "O", "X" & "S" Itypes that print only the start date and no thru date
2. When printing a range of invoices, Customer number still randomly missing from bottom portion of the invoice above the invoice number
3. When printing a range of invoices, the "Customer Type" and "Ticket #" print on top of each other

Result of Report:

Changes were made to code and client's XML to correct the reported issues.

RFM 10048 **Modification to the PO receive process**

DLL:PROFL

DB:CS_SQL_SCRIPTS

APP:PO

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RFM 10048 Modification to the PO receive process

Client Request:

Employees who are responsible for receiving purchase orders are not always in the same location where the inventory is physically received.

The current process may involve calling an authorized employee to process the PO receipt in the system when the item arrives.

Provide a method to allow dispatchers to mark purchase order items as "ready to receive" so that a user who is allowed to process the receipt can search for these purchase orders and receive the items into inventory.

Proposed Modifications:

Make receiving PO items into inventory a two-step process. The dispatcher will mark an item as "ready to be received" and the inventory specialist will receive the purchase order.

Add a permission to restrict users from receiving items into inventory. When restricted, the user should still be allowed to receive non-inventory items.

Add a preference to "Approve Item Receipt." When set, users should be allowed to mark items as ready to be received into inventory without actually processing the receipt in PO.

a. Add an option on the PO form to mark items as ready to be received. This option should only be available when an authorized purchase order is displayed on the screen. When this option is selected, display the items that have not been previously received and allow the user to enter the quantity of each item that is ready to be received. Provide a new permission restriction to control access to this functionality.

b. Add an option to search for POs with items that are ready to be received. This option should return all purchase orders that contain items that are not fully received but are marked as approved for receipt.

c. When processing the actual receipt in PO, provide an indication of the quantity of each item that is ready to be received. Provide a mechanism to automatically receive those items or allow the user to manually enter the receipt information.

Re-opened - 8/12/09 :

The logic regarding the receipt of "non-inventory items" should have also included PO lines with no item numbers. When receiving these lines, inventory should not be affected. The user should not be able to add the item to inventory, and should only have the option to update the purchase order.

RFM 10696 Request Projected Return Date on all Tickets for Special Events

DLL:TICKET

Client Request:

Client would like the projected return date from the ticket header to appear on their tickets under the Job Type. This projected return date should only print for job types outlined in Preference Type - Rental Ticket "Job types list for projected date logic."

Label should read: "Projected Return Date" and should only be visible if applicable. If job type is applicable and no date appears in the header, the label should appear with no date. Print in bold same as job type.

Proposed Modifications:

Modified client's custom rental ticket to reflect the projected return date from the ticket header based on specific preferences.

RFM 10500 Provide support for "per hundred weight" billing

DB:CS_SQL_SCRIPTS

APP:TRAKQUIP

DLL:INVTY

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RFM 10500 Provide support for "per hundred weight" billing

Client Request:

Provide the ability to enter a rate chart for rig moves based on miles moved and a percent code. When a "rig move" item is added to a bid, rental contract, or invoice, pull the corresponding rate from this chart rather than from inventory.

Modify the system to support billing rates by weight "per hundred." Charges are calculated for a "per hundred weight" item as the rate * weight / 100. Also provide the ability to specify a percent code to mark up the rate an optional 10%, 20%, or 30%.

Overview and Background:

When hauling rigs, drill pipe, and collars, the customer's rates are based on miles and weight per hundred. The rates are pulled from a rate chart based on the miles moved and a percent code.

For example:

Mileage	Type	100	110%	120%	130%
20-30	Machinery	1.12	1.23	1.34	1.45

For a Rig move between 20 and 30 miles at a percent code of 110, the rate per hundred would be \$1.23. For a 100,000 pound rig, charges would be $\$1.23 * 100,000 / 100$, or \$1,230.00.

Proposed Modifications:

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- 1.) Add a new billing logic for "Per Hundred Weight by Miles."
 - 2.) Provide the ability to enter and maintain rate charts associated with a "Per Hundred Weight by Miles" itype. The rate chart should allow the user to enter the number of miles and the base "Per Hundred Weight" rate.
 - 3.) Provide a new field for storing mileage on the bid, rental contract, and invoice header form and in the associated tables. The user will use this field to enter the actual number of miles the item will be moved.
 - 4.) Provide a field for specifying a percent markup on "Per Hundred Rate" items. The user will enter 110, 120, or 130 in this field.
 - 5.) When calculating charges for a "Per Hundred Weight" item, multiply the rate entered by the markup, if specified. Multiply the result by the weight entered for the item then divide by one hundred. Round the result to currency. This should apply when invoicing and when calculating the bid or rental contract estimated amount.

RFM 10551 Credit Memo Approval Process

DLL:BILLG

DB:CS_SQL_SCRIPTS

APP:TRAKQUIP

DLL:PROFL

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RFM 10551 Credit Memo Approval Process

Proposed Modifications:

Add a preference option to activate a Manager Approval process for Credit Memos as follows:

- 1.) Provide a new menu option and form for "Credit Memo Approval Process Setup." Provide a permission restriction to control access to this form.
- 2.) On the "Credit Memo Approval Process Setup" form, allow the user to configure the following information:
 - a. Descriptions and amounts for 3 or more levels of approval. i.e.
 - i. Level 1 - RM - amount allowed
 - ii. Level 2 - DM - amount allowed
 - iii. Level 3 - Corporate - amount allowed
 - b. Assignment of user logins to roles and offices. i.e.
 - i. User A - RM - Offices 1, 2, 3
 - ii. User B - RM - Office 4
 - iii. User C - DM - Offices 1,2, 3, 4
 - iv. User D - Corporate - Offices 1, 2, 3, 4, 5

Note: The offices should be displayed in a comma separated list, but stored in an additional table. A selection list should be provided for selecting the offices for each user and the office codes should be validated if typed or "pasted" in.

3.) Add fields to the invoice header table to store the current level of approval and whether the credit memo has reached final approval to export. Add a button for the user to flag the credit memo as ready for approval once the user is done editing and visual indicators on the invoice tab to display the approval status and level. Allow the user to query credit memos by the approval level and status.

a. The button to flag the credit memo as ready for approval should only be available when the credit memo is first created or when it has been rejected and sent back to the initial level.

b. At any level after being flagged ready for approval and prior to final approval, the status label should read "Ready for <level> approval," where <level> is the description entered for the appropriate approval level (item 2, a above).

4.) Modify the MS Great Plains export to prevent exporting Credit Memos that have not been approved by the required level of management.

5.) Add a permission restriction to control which users are allowed to set the credit memo as ready for level one approval. Eligibility to set the credit memo to higher levels of approval will be determined by the roles assigned to the user in Credit Memo Approval Process Setup.

6.) The approval process will work as follows:

a. The user creates a credit memo and edits as needed. (The approval level at this point is zero). When done editing the credit memo, if the user has permission, the user flags the credit memo as ready for level 1 approval, which increments the approval level to 1.

b. A manager who has been designated to perform the next level of approval (see item 2, b above) reviews the credit memo and either approves or rejects the credit memo.

i. If the Manger approves the credit memo and has authority based on the specified threshold, the approval level should be incremented to the next level and the credit memo should be flagged as approved for export. If the "Auto Close Invoices to Accounting" preference is selected, the credit memo should also be exported to Great Plains in the same manner as the manager approval process for rental contracts. At this point the credit memo is closed and no further action is necessary.

ii. If the Manager approves the credit memo and does not have the authority based on the specified threshold, the approval level should be incremented to the next level but the credit memo should not be flagged as ready for export. The credit memo will now require the next level of approval and the process will continue at 6, b, above.

iii. If the Manager rejects the credit memo, the credit memo approval process level should be set back to the original level of zero and the process will continue at 6, a, above.

7.) To support this process, add a credit memo approval form, similar to the existing ticket approval form. This form should load only the credit memos that are ready to be approved and eligible for approval by the current user. This form should provide options to accept or reject each credit memo.

a. Eligibility to approve the credit memo will be based on the office and level assigned to the user (item 2, b).

b. A threshold comparison will be performed to determine if the approval is the final level of approval necessary to export the credit

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RFM 10551 Credit Memo Approval Process

memo. The comparison will take the sum of all invoices for the same job with the same creation date and compare it to the threshold specified for that user. If the threshold meets or exceeds this amount, the credit memo should be flagged and exported accordingly. If the threshold is lower than this amount, the credit memo approval level should be advanced for the next level of approval.

8.) Add a history table to the database to store the history of credit memo approval. This should include the number of the credit memo, the user name of the user who approved or rejected it, the level of the approval, whether this was the final approval, and a date and time stamp.

Added 8/12/09:

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- 1.) When creating the credit memo, allow the user to designate whether the credit memo will require an adjustment. Add a new field to the credit memo header table to store the value of this flag.
 - 2.) In the spreadsheet for setting up approval levels, allow the user to flag one of the approval levels as "required only for adjustments."
 - 3.) If a credit memo has been flagged to require an adjustment, the system should require that the credit memo be approved by a user assigned to the approval level designated as "only for adjustments." If the credit memo has not been flagged to require an adjustment, the system should not require approval at this level.