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Pegasys 7.1.2 Upgrade Release Notes

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Pegasys 7.1.2 Upgrade

Final

Version 1.1

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Revision Log

Date	Version No.	Description	Author	Reviewer	Review Date
7/10/2014	1	Draft version 1.0	Karin Keswani	Geoff Schutta, Stephanie Zbinden, Dan McNeil	7/17/2014
7/17/2014	1	Internal Review	Karin Keswani	Geoff Schutta, Stephanie Zbinden, Dan McNeil	7/17/2014
8/19/2014	1.1	Incorporated comment from GSA for 5.3 Tax ID Number Field Update. Removed original sections: 2.5 PAM CTX Format, 11.14 Vendor Address Usage Changes, and 14.2 Invoices Not Requiring Accounting because GSA had decided not to use these enhancements. Removed continuous resolution flag section from 4.3 Simplified Budget Entry because GSA will not be using the Continuing Resolution Flag from this enhancement.	Karin Keswani	Geoff Schutta, Stephanie Zbinden	8/19/2014

Introduction

In March 2014, the General Services Administration (GSA) initiated a task to upgrade its current Momentum Financials software from release 6.5.1 to release 7.1.2. By upgrading, GSA will remain current with Momentum baseline software releases and can continue to support its mission of offering comprehensive and technologically progressive practices in federal financial management.

The Pegasys 7.1.2 Upgrade Software Release Notes document is intended to provide a high-level assessment of the impact to the Pegasys user given the software enhancements in Pegasys 7.1.2. This document addresses functionality relevant to the GSA business practices, and only includes additional functionality and software enhancements through the 7.1.2 release.

This document is organized in alphabetical order into chapters by type of enhancement and any subset of enhancements within that category type.

Prior to the upgrade, users should follow these steps to ease their move to Pegasys 7.1.2:

1. Clear items from the Inbox, including any ad-hoc routing tasks.
2. Apply all necessary approvals to partially approved forms, including VCSS invoices and CCRC forms.
3. Process all forms that are in "Held" or "Rejected" statuses.

1 Accounts Payable: Support Do Not Pay Enhancement

In order to accommodate Treasury's Do Not Pay initiative, the Support Do Not Pay enhancement will provide GSA the capability to create a vendor and/or payment file out of Pegasys that can be uploaded and processed in Do Not Pay. This will assist GSA in its efforts to reduce improper payments. This item also will allow GSA to process a matched data file that can be downloaded from the Do Not Pay portal containing matched data. GSA will be able to automatically update vendor records in Pegasys based upon matched data available from Do Not Pay. Users can record information in Pegasys regarding a vendor's Do Not Pay status, including Match Level, Match Type, Match Source, Match Date and a Description field for recording details of a vendor's Do Not Pay status. Additionally, overrideable warnings will occur on any new obligations, payments, or agreements created containing a vendor after the vendor has been configured as "Do Not Pay".

At a high-level, the following modifications have been made in support of Do Not Pay:

- Vendor
  - The Vendor Code maintenance table and Vendor Form will be updated to allow users to record the following information regarding a vendor's Do Not Pay status:
    - Do Not Pay flag
    - Do Not Pay Match Date
    - Do Not Pay Match Level
    - Do Not Pay Match Type
    - Do Not Pay Match Source
    - Do Not Pay Status Description
  - Additionally, the Do Not Pay flag will be added to vendor searches throughout Pegasys, including the following queries:
    - Vendor Activity Query
    - Vendor Review Query
    - Invoice Query
- Monitoring Vendors' Do Not Pay Status:
  - An overrideable warning will be added to the following areas of Pegasys to notify a user if a vendor that is configured as "Do Not Pay" is used:
    - Obligations:
      - Order (IO)
      - Training Order (IT)
      - Award (QA)
      - Acquisition Order (QO)
      - Travel Authorization (TA)

- Payments:
  - Payment Authorization (IP)
  - Imprest Fund (IF)
  - Travel Advance (TN)
  - Third Party Payment (TP)
  - Travel Voucher (TV)
  - Bank Withdrawal (BW)
- Bills and Cash Receipts (Advance line type only)
- External Agreements
- Contract maintenance table
- Blanket Purchase Agreement maintenance table

- Do Not Pay Output Files:
  - This item will include a new batch process that will allow GSA to pull vendor and/or payment data out of Pegasys using a variety of simple and complex parameters to create a vendor and/or payment file that can be uploaded to and processed by Do Not Pay.
- Do Not Pay Match Data Import:
  - This item will also include a new batch process that will allow agencies to process a matched data file that was downloaded from Do Not Pay and contains match data from the Do Not Pay system. This batch process will provide the capability for GSA to automatically update vendor records in Pegasys based upon match data from the Do Not Pay system.
- Do Not Pay Web Site:
  - This item will include the ability to configure the Do Not Pay URL under System Settings and a menu option for launching the Do Not Pay web site from Pegasys in the event that users want to review a vendor's current information in the Do Not Pay system.

Exhibit 1-1: Vendor Activity Query

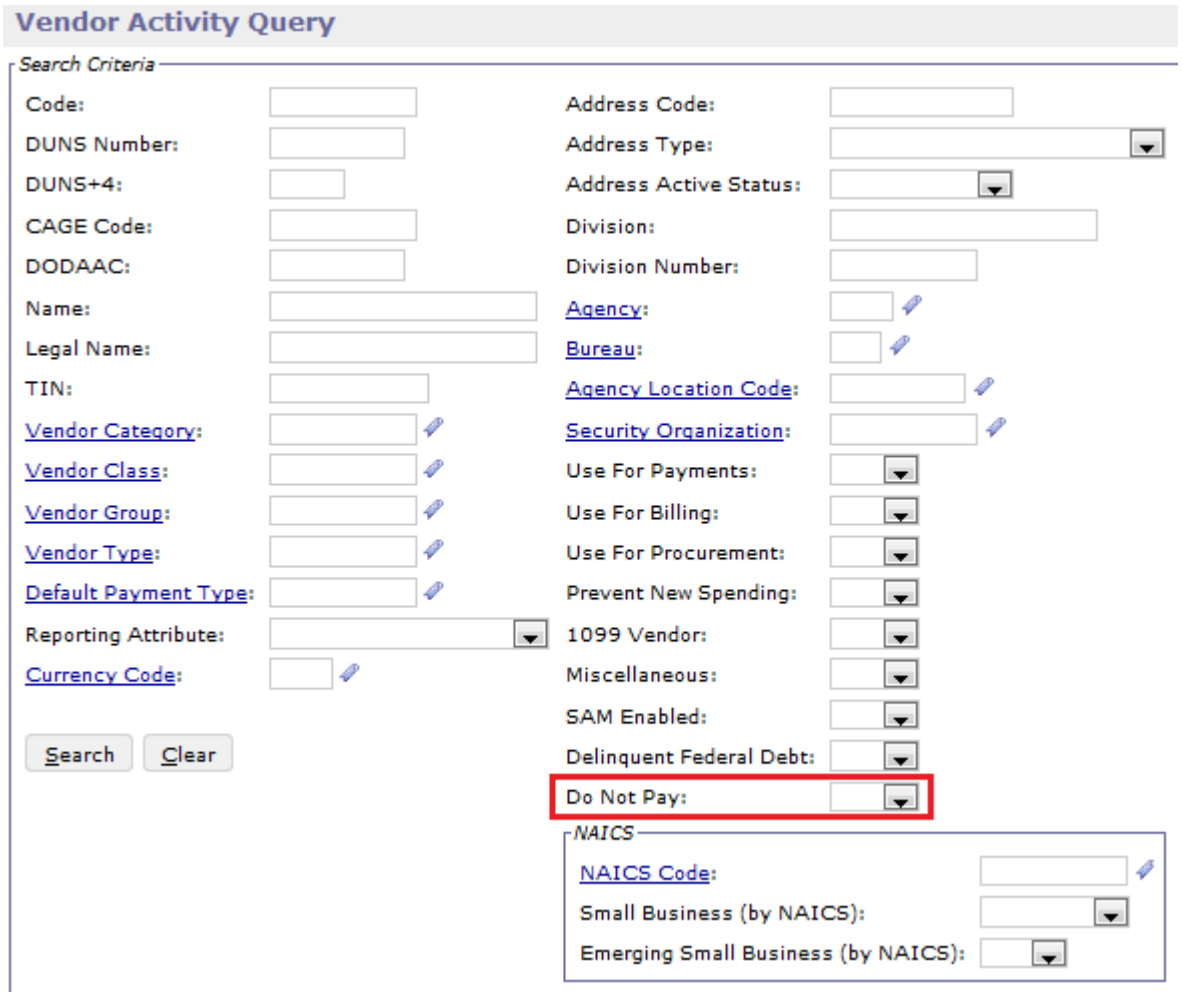


Exhibit 1-2: Vendor Codes – Address Level Vendor

2 Automated Disbursements Enhancements

2.1 Additional PAM Enhancements

This enhancement will implement the remaining functionality from the Payment Automation Manager (PAM) Standard Payment Request (SPR) format for Treasury payments project.

Automated Disbursement updates packaged as part of this enhancement include:

1. The Agency Location Code has been added to the Schedule Query ***[Exhibit 2-1]***, and has been added as an optional driver for Schedule Number Generation.
2. A new Schedule Category has been made available: International ACH Transaction (IAT), to help distinguish EFT payments made to domestic banks where the recipient has a foreign address ***[Exhibit 2-2]***. It will default the payment category based on the vendor address. Per Treasury, IAT Payments are ACH payments to a domestic bank with a foreign payee address.
3. The Schedule Number has been lengthened to allow for up to 14 characters (previously 9). This allows for the ALC to be included in the Schedule Number template.

A value for Default Payment Type has been added to vendor addresses, to help distinguish types of payments at a finer level than Miscellaneous, Vendor, and Travel.

Exhibit 2-1: Agency Location Code Added to the Schedule Query

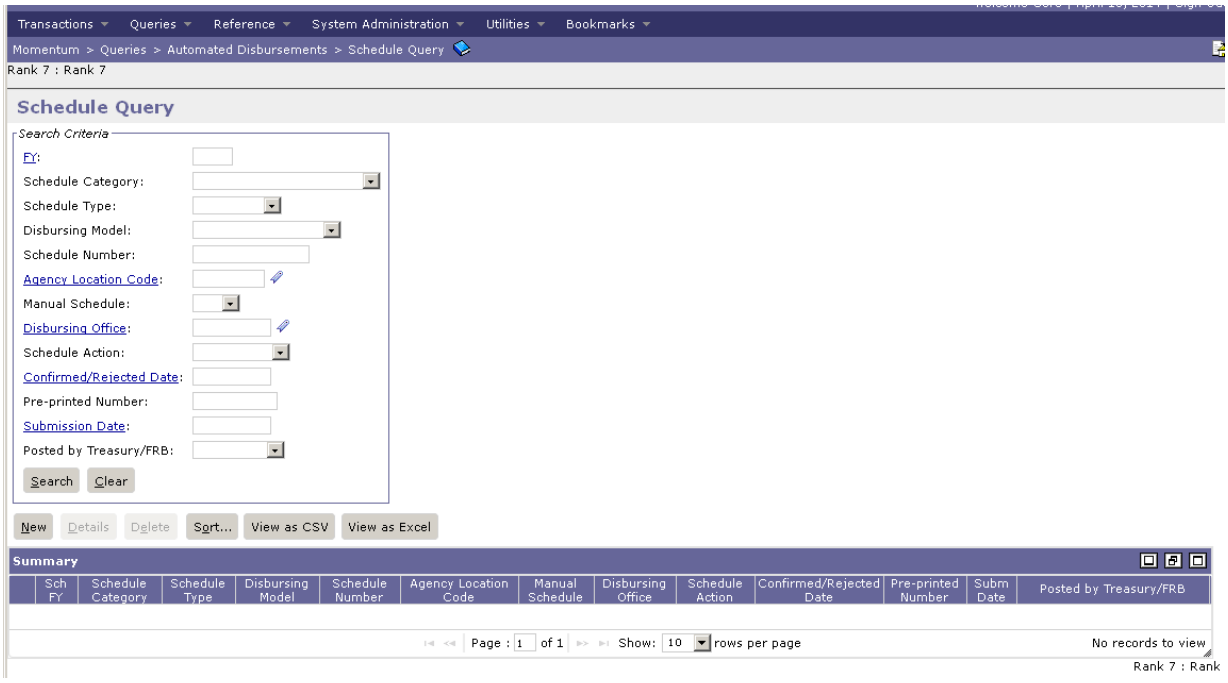
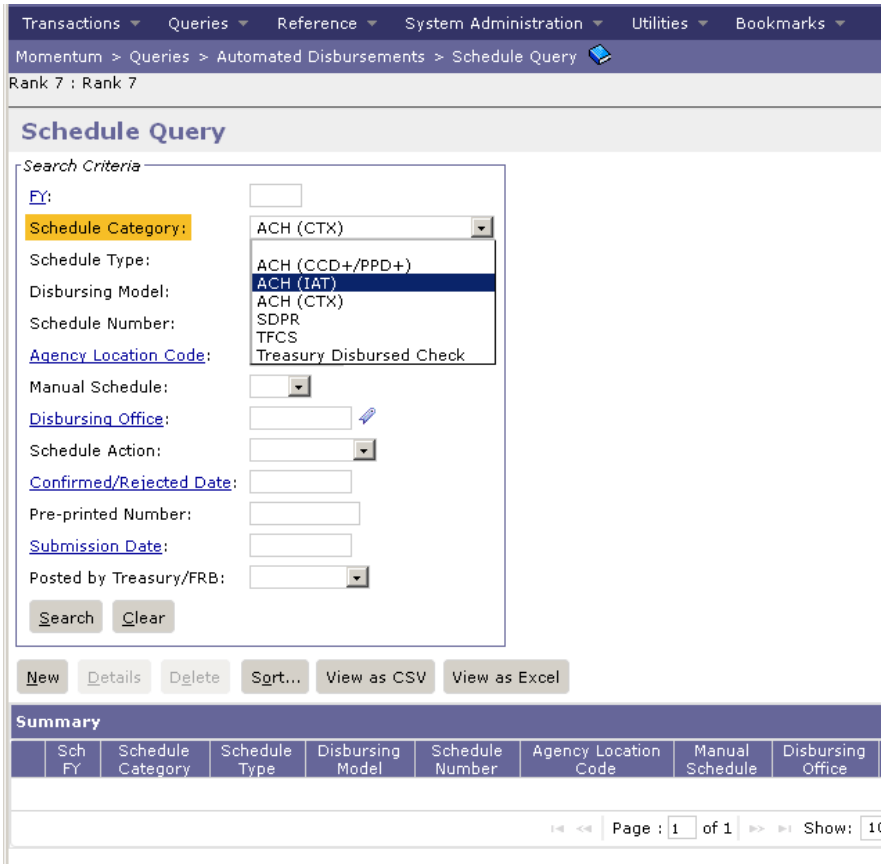


Exhibit 2-2: New Schedule Category – Agency International ACH Transaction (IAT)



2.2 Early Issue Identification

The Automated Disbursement Early Issue Identification enhancement will lessen errors which occur during the Automated Disbursement batch processes. The problem faced by GSA is that by the time a hard error is encountered during the batch processes, it is often too late and results in dropped payments or disbursement schedules from the disbursement cycle. When this occurs, GSA is forced to rerun the disbursing processes to only include payments which did not originally cause any errors. This can be a tedious process often involving analysis to determine which payments will not cause further errors.

This enhancement implements overrideable edits which will be invoked during the verification and submission of a transaction. The edits introduced will be those which normally cause issues during the disbursement batch processes. Implementing edits at the point of transaction entry will lessen the chance of errors or dropped disbursement schedules during execution of the disbursement batch processes by identifying issues prior to running the disbursements cycle. The following edits will be introduced as part of this enhancement:

1. When verifying a Check/Electronic Funds Transfer (EFT) payable, ensure there is a “Disbursement In Transit” Accounting Event established on the Transaction Definition maintenance table whenever the disbursing method is set to Federal Reserve Board (FRB), Treasury, or State Disbursing. To properly enforce this edit, it will be required that Pegasys check the referenced transaction definition on the transaction against the entries existing on the Transaction Definition maintenance table. Since the entries on the

Transaction Definition maintenance table are entered by fiscal year, it will be required to determine the fiscal year used at the time of disbursement. The system will then validate that a “Disbursement In Transit” accounting even has been established for the fiscal year and transaction definition entered on the payable.

Pegasys will use the Schedule Date of the transaction to determine the fiscal year. The transaction definition referenced on the document in combination with the fiscal year will be checked against the transaction definition maintenance table. If no “Disbursement In Transit” accounting event has been established for the fiscal year and referenced transaction definition of the potential disbursement, the system will display the error code. If flexible postings are enabled, the system will check to see if a “Disbursement In Transit” flexible definition exists.

2. When verifying a Check/EFT payable determine if an entry exists on the Interest , Penalty, and Discount Distribution table (shown in ***[Exhibit 2-3]*** below) for the fund referenced on the transaction if the line is eligible for Prompt Pay. This edit will help eliminate potential errors related to interest, penalty, and/or discounts due to missing entries on the Interest, Penalty, and Discount Distribution table. Although not all disbursements eligible for prompt pay will generate interest or penalties, provoking this edit for any payment lines which could possibly generate interest, penalties, or use discounts will greatly reduce the number of errors caused by this issue during Payment Processor.

   Pegasys will use the current logic to determine if a payment line is subject to prompt pay. If the payment line is eligible for prompt pay, the system will then check whether entries are necessary for Interest, Penalties, Discounts, or any combination of the three. If any discount terms have been entered on the transaction line, it will be necessary to have an entered Discount Distribution Type. For determining the need for Interest or Penalties, it will be necessary to check the entered Prompt Pay Type against the Prompt Pay Type Maintenance Table. If a Penalty Rate % or Penalty Amount has been entered for the referenced Prompt Pay Type, a Penalty Distribution Type is needed. If any Interest Rates have been entered it is necessary to have an Interest Distribution Type.

   After determining which of the three distribution types are needed for the transaction, Pegasys will then use the combination of Partition, Beginning Budget Fiscal Year (BBFY), Ending Budget Fiscal Year (EBFY), Fund Code, and needed Distribution Type and look to see if an entry exists for that combination on the Interest, Penalty, and Discount Distribution table. If it does not contain an entry, an error will be displayed.

3. When verifying Check/EFT payables, ensure that a Schedule Number Template has been established for the anticipated Schedule Number used for the payment during the fiscal year of the disbursement. If a Schedule Number Template does not exist, the disbursing cycle will terminate during Payment Processor since it would be unable to assign schedules. Since the Schedule Number Template maintenance table (shown in ***[Exhibit 2-4]*** below) is also based on fiscal years, it will be required to determine the anticipated fiscal year of the disbursement. In addition, it will also be required to use information entered on the Disbursing Information tab on the transaction to properly identify the necessary template needed for the transaction.

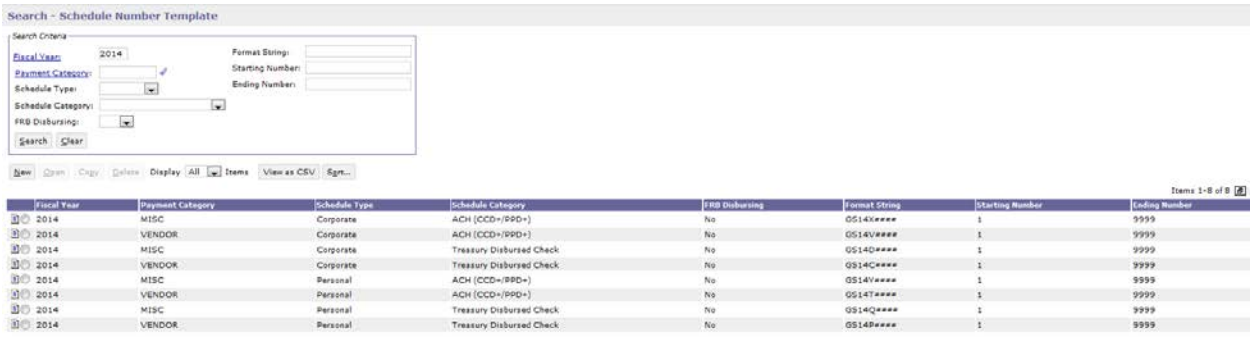
   The system will use the entered or anticipated Schedule Date of the transaction in order to determine the fiscal year. It will then use the entered Schedule Type, Payment Category, Schedule Category, and inferred Agency Location Code (ALC) on the

transaction to determine which template would be needed. The ALC can either be inferred from the entered fund dimensions or derived from the entered disbursing office. The ALC is an optional entry on the Schedule Number Template maintenance table, so it not necessary for it to be verified upon initial look-up of the schedule number template. If the combination of information entered on the transaction cannot locate a corresponding entry on the Schedule Number Template maintenance table, an error will be displayed.

4. Existing edits which are enforced on the Imprest Fund (IF), Itemized Payment (IP), Travel Advance (TN), Third Party Payment Voucher (TP), and Travel Voucher (TV) Document Categories will now be applied to the Itemized Match Invoice (II) Document Category as well. The edits introduced to the II Document Category as part of this item are all existing edits currently applied to other Document Categories; they will now just be applicable to the II Document Category.

Exhibit 2-3: Interest, Penalty, and Discount Distributions Maintenance Table

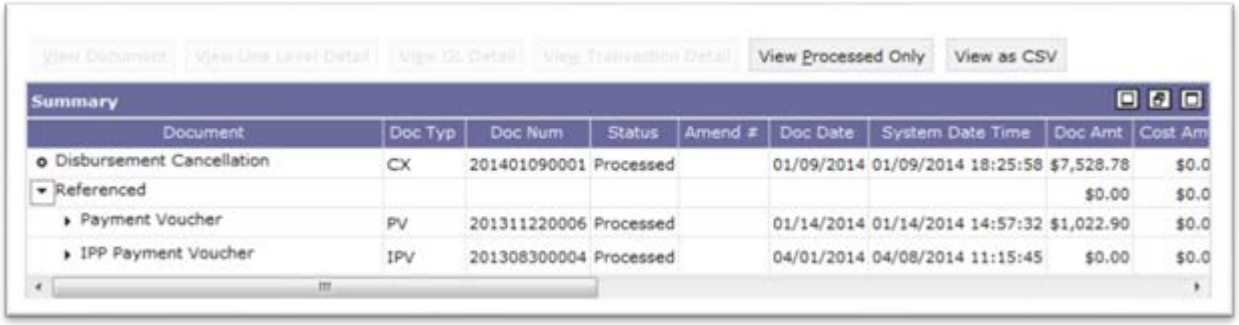
Exhibit 2-4: Schedule Number Template Maintenance Table



2.3 Improved Querying of Disbursement Cancellations

The Improved Querying of Disbursement Cancellations allows GSA to view the Disbursement Cancellation (CX) document in the Reference query as shown in ***[Exhibit 2-5]*** below with greater visibility and auditability for cancelled checks and EFT payments. The CX has been a special case, compared to other transactions in the Reference query, because its references are indirect. That is, the CX directly references a disbursement schedule detail, which itself may consist of multiple payment transactions. By showing a CX (and cancellation type) in a payable document's Reference query, it is easier for agencies to quickly identify whether and how (e.g., for Deletion, Reissue, or Replacement) a payable's disbursement has been cancelled.

Exhibit 2-5: Reference Query Showing CX Document



Additionally, Momentum 7.1.2 was modified to return more informative messages when users query CX or Manual Check (MC) transactions from the Transaction and General Ledger Detail queries. Since the CX and MX post to the journals using the associated payment transaction document type instead of its own document type, Pegasys will return a message directing the user to query the associated payment transaction document type instead of just returning that there are no records found.

2.4 Miscellaneous Accounts Payable and Automated Disbursements Improvements

This item will provide improvements and increase usability across certain aspects of Accounts Payable transactions and Automated Disbursement queries. This will be accomplished in the following ways:

1. An edit will be placed into Pegasys to verify that when referencing an invoice by invoice number, the Log Date for that invoice must match on all transactions lines which reference that invoice. This edit will be validated against any reference of the same invoice within a document as well as other documents which have already referenced the same invoice. The edit will be performed during new form creation, corrections to existing lines which already reference an invoice, and any correction to an existing line in which an invoice is being added or modified. Verifying the Log Dates match will lessen the chance of manual error when referencing invoices, ensure interest and penalties are calculated accurately, and that disbursements are scheduled accordingly.

   This validation will not be completed on invoice document references, only on references entered by an invoice number only.

2. Add a confirmation message which will be displayed to the user prior to completing a schedule rejection (shown in ***[Exhibit 2-6]*** below). Since a schedule rejection cannot be backed out, this message will lessen the chance that a schedule is inadvertently rejected.

Exhibit 2-6: Schedule Query – Schedule Rejection Confirmation

3. Add more fields to the Summary tab of Accounts Payable transactions. Adding additional fields allows users more flexibility to edit amounts on the Summary tab of a transaction and rids the need to edit amounts on individual accounting or itemized lines. Among the field additions to the Summary Page will be Applied Credit, Applied Prepayment Amount, Holdback Amount, and Suspension Amount. These fields will also be added to their Header Accounting Lines and Itemized Accounting Lines tabs for consistency (shown in ***[Exhibit 2-7]*** and ***[Exhibit 2-8]*** below).

Exhibit 2-7: Itemized Payment – Header Accounting Line

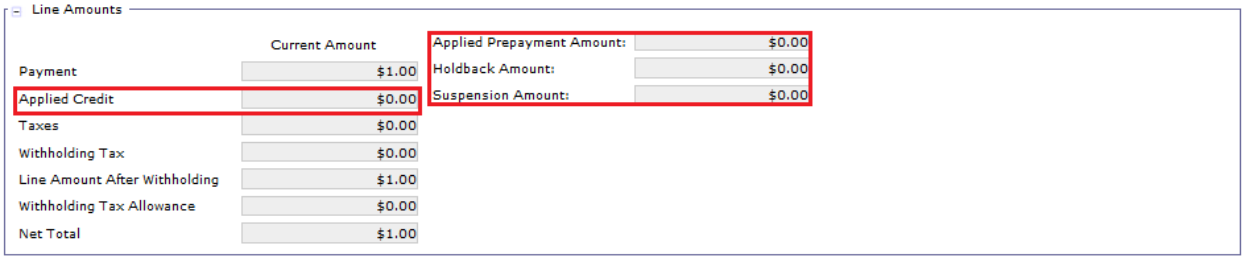
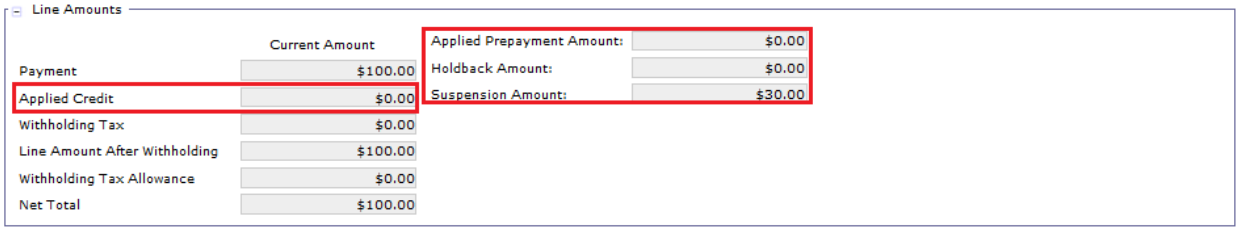


Exhibit 2-8: Itemized Payment – Itemized Accounting Line



4. A new Automated Disbursement report will be created. This report will provide the opportunity to identify transactions on the Undisbursed Payment Query (UPQ), which potentially could cause Interest or Penalty issues during the disbursement batch processes. Identifying transactions prior to executing the batch lessens the chance of dropped schedules or the need to run Payment Preprocessor to back out vouchers stuck in disbursement.

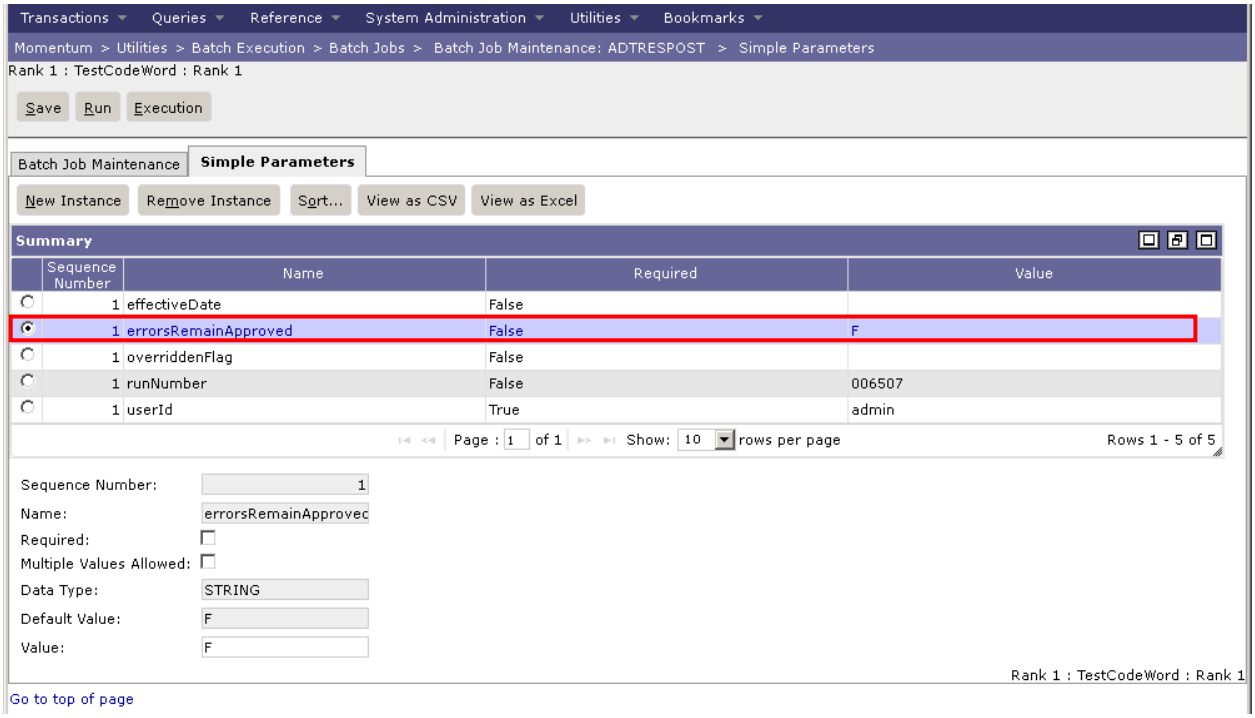
The Log Date edit will lessen the chance of manual errors when users are referencing invoices, will help ensure interest and penalties are calculated properly, and will aid with the scheduling of disbursements.
Users will be able to edit and view additional commonly used fields on the Summary tab of payment transactions, providing a more streamlined view and editing opportunity at key information.

2.5 Schedule Posting Parameter for Rescheduled Payment Behavior

The Schedule Posting Parameter for Rescheduled Payment Behavior enhancement will add a new parameter (errorsRemainApproved) to the Schedule Posting process (NADSCHPOST) to allow GSA to configure whether payments that have posting errors are returned to the Undisbursed Payment query as Approved or Unapproved shown in ***[Exhibit 2-9]*** below. The Rescheduled flag will continue to be set on transactions which the Schedule Posting process returns to the Undisbursed Payment query. With 7.1.2, GSA will have the option to indicate

that the payments be returned as Approved. Returning the payments as Unapproved could be preferred so that a subsequent execution of the disbursement cycle will not select the potential "problem" payments. GSA will be able to review them first before the payment moves on to the next step. However, this will add another step for relevant users to review the payment again, especially if it is part of a zero payment. On the other hand, returning the payments as Approved could be preferred so that relevant users do not have to review the payment again, thus reducing the number of steps. The parameter allows GSA to choose the model that makes the most sense for their process which in turn, determines the enhancement impact.

Exhibit 2-9: Added "Errors Remain Approved" Parameter to NADSCHPOST



2.6 Support PAM File Format Version 5.0.0

Treasury's Payment Automation Manager (PAM) system is ultimately replacing what has been commonly referred to as the Treasury Bulk file formats, so agencies that are currently creating disbursing files via Bulk will be transitioning over to using the PAM format.

The objective of this enhancement is to enable Pegasys to create Treasury Disbursement files that follow the Payment Automation Modernization (PAM) Input File Specifications for the Standard Payment Request (SPR). GSA currently submits disbursement files to Treasury using the Treasury Bulk File format. Treasury is modernizing payment operations through the PAM project, which will consolidate more than 30 legacy applications into a single application that will process agency payment requests in a more efficient and cost effective manner. The PAM file format will also enable agencies to provide the Treasury Account Symbol (TSYM) and Business Event Type Code (BETC) that is required for agencies to become Central Accounting and Reporting System (CARS) reporters.

The PAM output file has a different format than the Bulk file that is currently used by GSA. It contains most of the same fields that have already been stored on payment transactions but slightly modified, as described below. The new PAM output file format offers a means of reporting TSYM-BETC information for ALCs as they become GWA reporters. The changes related to the new PAM output file have an impact on the way the disbursement files are generated, which specifically impacts the Payment Selection, Payment Processor, and Payment Generation batch processes.

The affected disbursement batch jobs include Payment Selection (NADPMTSEL), Payment Processor (NADPYPROC), and Payment Generation (NADPYGEN).

GSA will have implemented the new PAM file format as part of the Payment Application Modernization (PAM) project by October 1, 2014.

Since this enhancement will be implemented prior to the upgrade to Pegasys 7.1.2 as part of the Payment Application Modernization (PAM) project, the Conversion Impact and GSA User Documentation Impact activities will be covered by the PAM project prior to the upgrade, as well.

Exhibit 2-10: PAM File Format – Sample

```
H TSCName                                  421
01TestTSCC0000000004TSC                       IAT030000010
02                  0000000200 0TSC184837                          address
031                     RMR*VV*NO-INVOICE*PI*0.00*tsc\
G 1                       0TC            TCTC000        00000200000
02                  0000000200 0TSC184837                          address
032                     RMR*VV*NO-INVOICE*PI*0.00*tsc\
G 2                       0TC            TCTC000        00000200000
02                  0000000200 0TSC184837                          address
033                     RMR*VV*NO-INVOICE*PI*0.00*tsc\
G 3                       0TC            TCTC000        00000200000
T           3            600
01TestTSCC0000000003TSC                       IAT030000010
02                  0000000200 0TSC184837                          address
031                     RMR*VV*NO-INVOICE*PI*0.00*tsc\
G 1                       0TC            TCTC000        00000200000
T           1            200
11TS C0000000004TSC                         03000001         stub
12                  0000000200 0tscvend                            1
131
G 1                       0TC            TCTC000        00000200000
12                  0000000200 0tscvend                            1
132
G 2                       0TC            TCTC000        00000200000
T           2            400
11TS C0000000003TSC                         03000001
12                  0000000200 0tscvend                            1
131
G 1                       0TC            TCTC000        00000200000
12                  0000000200 0tscvend                            1
132
G 2                       0TC            TCTC000        00000200000
T           2            400
11TS C0000000002TSC                         03000001         nameonly
12                  0000000200 0tscvend                            1
131
G 1                       0TC            TCTC000        00000200000
T           1            200
E 39                 9                 1800
```

3 Billing Enhancements

3.1 Auto-Trigger/Auto-Attach Dunning and Due Process Notices to Debts

The Dunning Notice and Due Process Notice Generation processes in Momentum are two-step processes:

Step 1: Batch Job to identify eligible outstanding debts.

Step 2: A report to generate the applicable notice to the debtor.

This item streamlines the processes and optionally allow the batch jobs to “auto-trigger” the report and “auto-attach” the individual notice to the Billing Document (BD) or Debt Account (DA).

This item supports the following.

- Introduces the attachment framework to the Debt Account Entity
- Improves the ARDUNNING/ARDPNGEN recovery process
- Updates the ARDUNNING/ARDPNGEN customer selection criteria
- Introduces a recovery process to facilitate the reprinting for notices that did not get produced successfully (or failed to attach successfully) to the parent object (Billing Document/Debt Account).

Only notices that are auto-triggered from the batch job (ARDUNNING and ARDPNGEN) are automatically associated to the Billing Document (BD) or Debt Account (DA) entity. If running the “Notice of Payment Due” or “Due Process” notices from the reports menu, the output is not automatically attached to the Billing Document or Debt Account entity.

Exhibit 3-1: Dunning Cycle

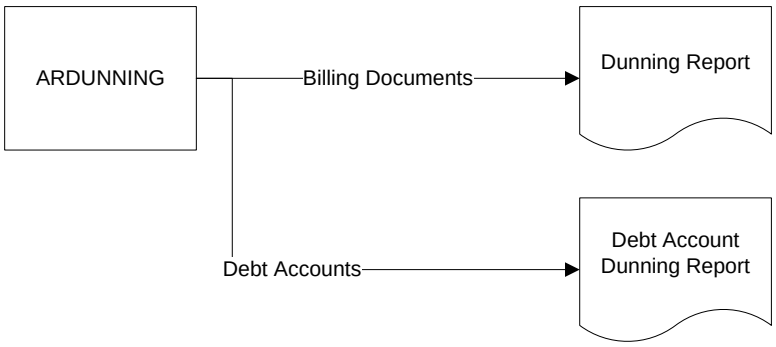
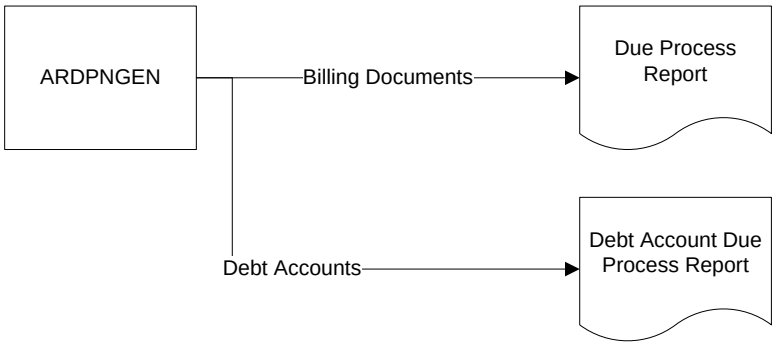


Exhibit 3-2: Due Process Cycle



3.2 Customer BETC Default

As agencies become GWA reporters, they are required to submit a Business Event Type Code (BETC) along with their Treasury Account Symbols (TAS or TSYM) for all Intragovernmental Payment and Collections IPAC, Payment, and Collection transactions. For IPAC transactions, agencies will be required to submit the Customer TSYM and Customer BETC for all GWA reporting trading partners. This enhancement will provide the ability to default the Agency and Customer BETC for certain document category/line type combinations.

In Momentum 6.3 the IPAC Expansion enhancement added the defaulting capability for the BETC from the Transaction Definition, Treasury Symbol, or Agreement. The 7.1 Customer BETC Defaulting enhancement modifies this logic to allow agencies to set up BETC defaults based on certain document category/line type combinations, allowing agencies to better comply with GWA reporting.

For example, in Momentum 7.0, the Billing Document (BD) had a new line type added, the Credit Line. Before 7.0, a Normal line BD would only use a "COLL" BETC for the Momentum Instance/Sender and a "DISB" BETC for a customer/vendor. However, with the addition of the credit line type, the Billing Document could represent a negative receivable or a transaction representing money owed to the customer. This would mean for the Momentum Instance/Sender, a "DISB" BETC should be used, and for the customer/vendor, a "COLL" BETC should be applied. This enhancement will give agencies the ability to set up a BETC for a Billing Document/Credit Line type that will default the BETC when the transaction is processed. The document category/line type combinations included in this enhancement are; Billing Document-Normal, Billing Document-Credit, Cash Receipt-Normal, Cash Receipt-Advance Offset, Cash Receipt-Debit Voucher Normal, Itemized Payment-Normal, and Itemized Payment-Advance Refund.

The following changes will be made by this enhancement:

- Remove the Debit/Credit Impact on TAS and Undisbursed Subclass Code (SC) fields from classification section of the BETC Reference Table.
- Add the Line Type drop-down with valid values of Null, Billing Document-Normal, Billing Document-Credit, Cash Receipt-Normal, Cash Receipt-Advance Offset, Cash Receipt-Debit Voucher Normal, Itemized Payment-Normal, and Itemized Payment-Advance Refund to the item collection of the BETC tab on the Treasury Symbol Reference Table.

- Add Doc Cat (Document Category)/Line Type Default field to the item collection on the Customer BETC on External Direct (ED) and External Indirect (EA) Agreements. This will allow the user to set up Customer BETCs with doc cat/line type defined for defaulting.
- The Capture BETC on Transaction logic has been updated to include the logic for populating the Agency BETC and Customer BETC by line type(s) as described below:

    - For the Agency BETC, the modified logic is:
      If the Transaction Definition corresponding to the Transaction Type entered does not have a default BETC indicated and the entered document category/line type combination is one of the following: Billing Document-Normal, Billing Document-Credit, Cash Receipt-Normal, Cash Receipt-Advance Offset, Cash Receipt-Debit Voucher Normal, Itemized Payment-Normal, and Itemized Payment-Advance Refund, the system will populate the BETC with the BETC on the Treasury Symbol that corresponds to the document category/line type of the transaction. If a BETC for the document category/line type does not exist, then the system will populate it with the default BETC indicated on the Treasury Symbol associated with the fund.

    - For the Customer BETC the modified logic is:
      The system populates the Customer BETC with the Customer BETC on the referenced agreement line that corresponds to the document category line type of the transaction if the entered document category/line type combination is one of the following: Billing Document-Normal, Billing Document-Credit, Cash Receipt-Normal, Cash Receipt-Advance Offset, Cash Receipt-Debit Voucher Normal, Itemized Payment-Normal, and Itemized Payment-Advance Refund. If a Customer BETC for the document category/line type does not exist then populate the Customer BETC with the Default Customer BETC indicated on the referenced agreement.

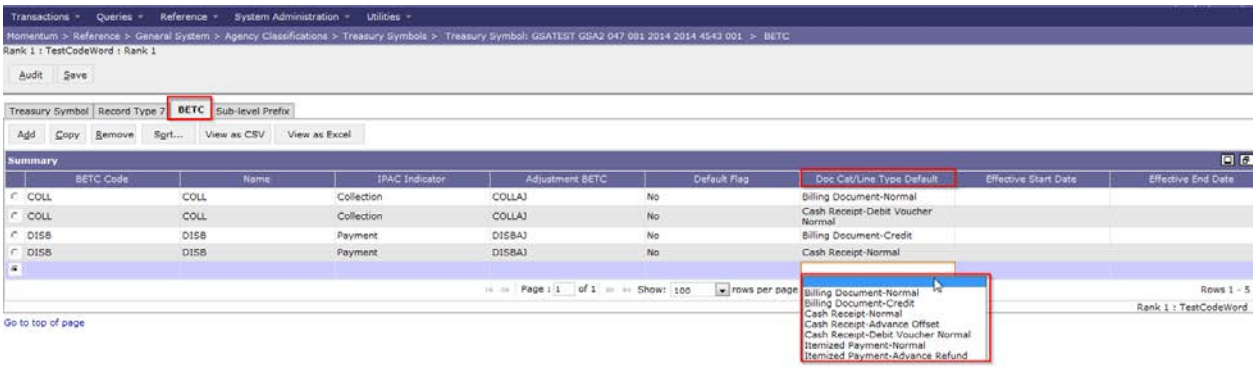
Treasury Symbol Reference Table – BETC Tab:
The BETC Tab is on the Treasury Symbol Maintenance Table and will be changed to an editable item collection shown in ***[Exhibit 3-3]*** below, removing and replacing the editable fields below the item collection with editable values in the item collection.

The item collection will have the following values:
- BETC Code: Editable, linked to BETC Maintenance table.
- Name: Read-only, automatically populated with the name of the entered or selected BETC code.
- IPAC Indicator: Read-only, populated by the IPAC indicator from the BETC maintenance table when the BETC value is selected.
- Adjustment BETC: Read-only, populated by the IPAC indicator from the BETC maintenance table when the BETC value is selected.
- Default Flag: Optional, Editable - valid values “Yes” and “No”..
- Effective Start Date: Editable, text field with valid values in date format MM/DD/YYYY or MM/DD/YY. These fields are entered by the user to designate the start date of the TSYM/BETC combination. Optional.
- Effective End Date: Editable, text field with valid values in date format MM/DD/YYYY or MM/DD/YY. These fields are entered by the user to designate the end date of the TSYM/BETC combination. Optional.

- Doc cat/Line type default: Editable, drop-down with valid values of Null, Billing Document-Normal, Billing Document-Credit, Cash Receipt-Normal, Cash Receipt-Advance Offset, Cash Receipt-Debit Voucher Normal, Itemized Payment-Normal and Itemized Payment-Advance Refund. This is an optional field that defaults to Null.

The adjustment BETC value and IPAC indicator on the Treasury Symbol Maintenance Table BETC tab are read-only. The Adjustment BETC and IPAC indicator values are only populated when a BETC value with an IPAC indicator of Payment or Collection is added to the Treasury Symbol on the BETC Tab. See ***[Exhibit 3-3]*** to view a sample TSYM with the newly added Doc Cat/Line Type option.

Exhibit 3-3: Treasury Symbol Maintenance Table – BETC Tab



3.3 Distinct Collection Due Dates for Federal and Non Federal Vendors

The Capture and Set Collection Due Date rules for Fed/Non Fed Distinctly enhancement were originally identified as an “Optional – In Scope” enhancement. After further review, it has been determined that this enhancement was introduced to Pegasys as part of the BAAR Phase 2 Implementation. Throughout the billing process, agencies are likely to bill to both Federal and Non-Federal vendors. Oftentimes, Federal and Non-Federal vendors must be configured to utilize a different number of billing days to calculate the collection due date. This enhancement adds the ability to support Federal and Non-Federal billing days.

Existing functionality supported setting the collection due date in three ways:

1. The user can set the collection due date by manually entering the date on the Billing Document header.
2. The Document Processing Server (DPS) sets the collection due date on Verify/Submit when at least one accounting line has <Bill Print Option> = External and no value has been entered by the user. The DPS equation is: Original Document Date plus the Billing Days (from the GS Options applicable record).
3. The ARBILLGEN batch process will set the collection due date when at least one accounting line has <Bill Print Option> = Yes/Suppress and no value has been entered by the user. ARBILLGEN equation is: Print Date (batch job parameter) plus the Billing Days (from the GS Options applicable record).

Specific changes to the General System Options (GS Options) maintenance table include renaming the Billing Days field to Non-Federal Billing Days and adding a new Federal Billing

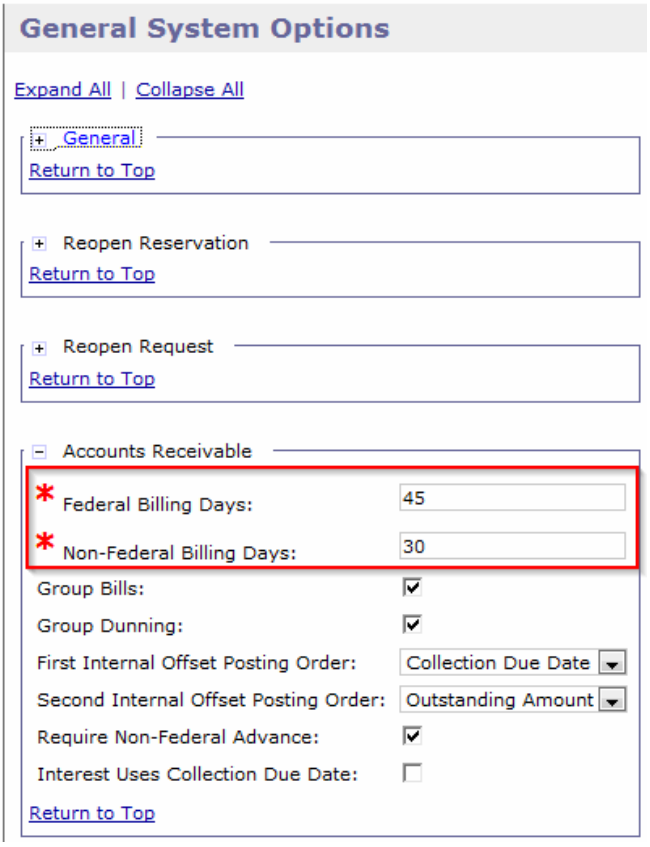
Days field. These independent fields will allow agencies to set distinct billing days for Federal vs. Non-Federal Vendors.

When the Billing Document is processed, the system validates if the Collection Due Date is Null and the Bill Print Option is set to External. If those conditions are satisfied, then the system locates the reporting attribute of the Designated Agent (if applicable) or Vendor to see if it is a Federal or Non-Federal vendor. Once that is determined, the system locates the applicable billing days based on the calculation from the GS Options maintenance table.

When the ARBILLGEN batch process is executed, the system validates if the Bill Print Option is set to Yes/Suppress and the Collection Due Date is Null. If those conditions are satisfied, then the system locates the reporting attribute of the Designated Agent (if applicable) or Vendor to determine if it is a Federal or Non-Federal vendor. Once that is determined, the system locates the applicable billing days based on the calculation from the GS Options maintenance table.

A vendor is considered a Federal vendor if the reporting attribute is “Government.” All other reporting attributes are considered Non-Federal. There are no changes to the manual user entry of the Collection Due Date on the Billing Document header.

Exhibit 3-4: General System Options Billing Days Criteria



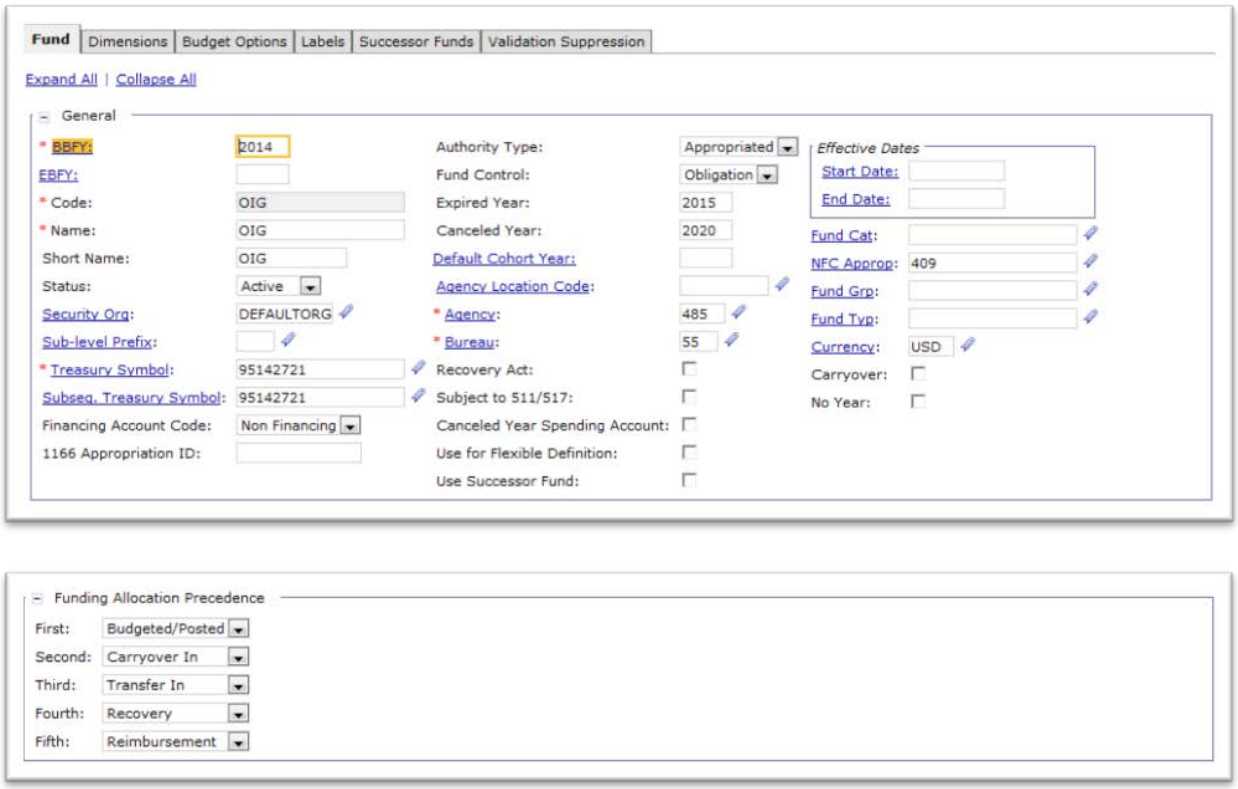
4 Budget Execution Enhancements

4.1 Budget Distribution Edit Modifications Enhancement

This enhancement will modify the calculations that are used in the undistributed budgetary calculations and will modify the manner in which the necessary data for these calculations is stored. This enhancement will modify the undistributed calculations by providing a mechanism to allocate resource independent amounts such as transfer out, carryover out and funding removed to the specific resource buckets that created the authority initially. Allocating these amounts to specific resource types will provide a lower level of detail data that will allow for increased accuracy for the distribution calculations.

In addition, this enhancement will modify the manner in which the distribution amounts are stored. Currently, the child distribution amounts need to be summed from each child node when a budget document is processed. .This enhancement will create the necessary fields on each budget level allowing the system to summarize the child distribution amounts from the node being incremented instead of summarizing all children. Storing the child distribution amount in this manner will improve performance for budget document processing by eliminating the need to summarize all child nodes when processing a budget document. ***[Exhibit 4-1]*** shows the new layout on the fund maintenance table incorporating this enhancement.

Exhibit 4-1: Fund Maintenance Table



4.2 Exportable Fiscal Year Budget Query

To view budget datain Pegasys 6.5, users are required to first query and view a single budget node which will provide the user with the budget node summarization view of data. From the node level summarization view, the user can branch off into different views by selecting different options from within the budget query, but the alternative view is specific to the parent node returned in the initial query.

The objective of the Exportable Fiscal Year Budget Query enhancement is to provide a query that will display the budget data summarized by fiscal year without first requiring the user to select and view the data at the summary budget node level. By virtue of not requiring the user to view the budget node level summary information first, prior to branching to the fiscal year view of budget data, the new query will provide the user with the ability to view multiple budget nodes data in a single query window. Providing the budget data for multiple budget nodes in a single item collection will also allow the user to export and analyze the data across multiple budget nodes from a single query execution. This query appears as a new budget execution query and is accessed by navigating to Queries > Budget Execution > Exportable Fiscal Year Budget Query (shown below in ***[Exhibit 4-2]*** and ***[Exhibit 4-3]***.

Exhibit 4-2: Exportable Fiscal Year Budget Query Menu

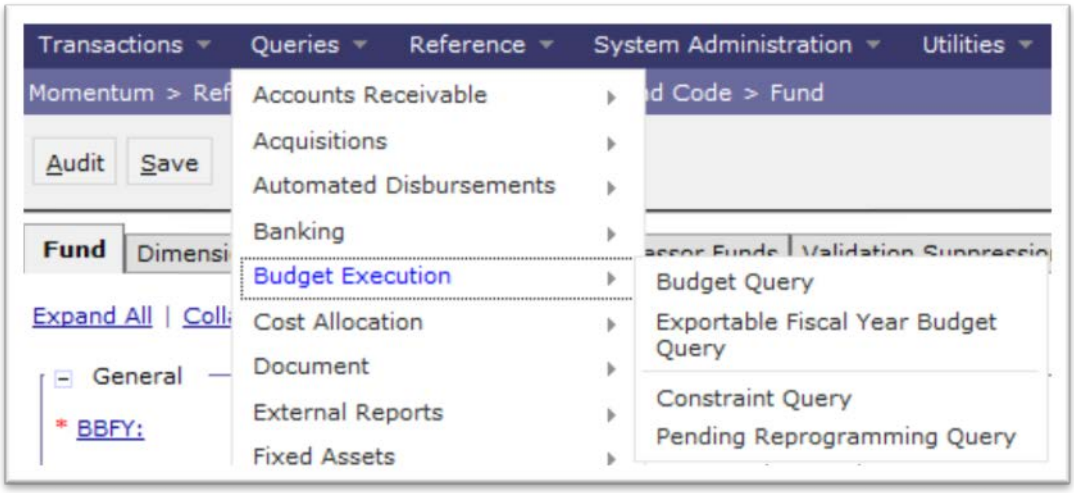
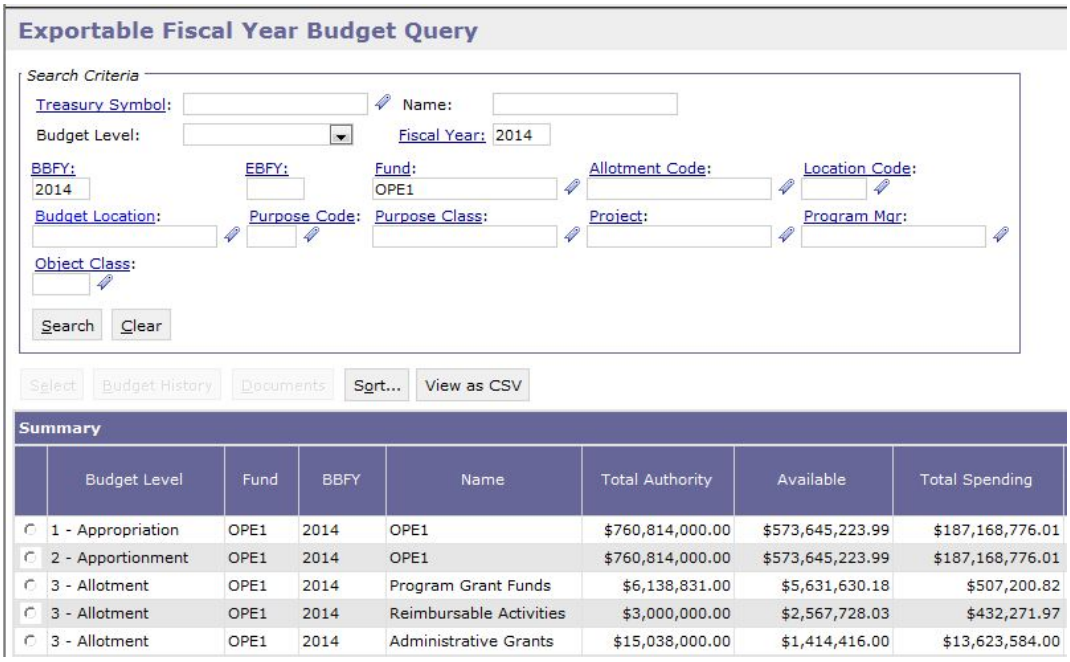


Exhibit 4-3: Exportable Fiscal Year Budget Query Results



	Budget Level	Fund	BBFY	Name	Total Authority	Available	Total Spending
○	1 - Appropriation	OPE1	2014	OPE1	$760,814,000.00	$573,645,223.99	$187,168,776.01
○	2 - Apportionment	OPE1	2014	OPE1	$760,814,000.00	$573,645,223.99	$187,168,776.01
○	3 - Allotment	OPE1	2014	Program Grant Funds	$6,138,831.00	$5,631,630.18	$507,200.82
○	3 - Allotment	OPE1	2014	Reimbursable Activities	$3,000,000.00	$2,567,728.03	$432,271.97
○	3 - Allotment	OPE1	2014	Administrative Grants	$15,038,000.00	$1,414,416.00	$13,623,584.00

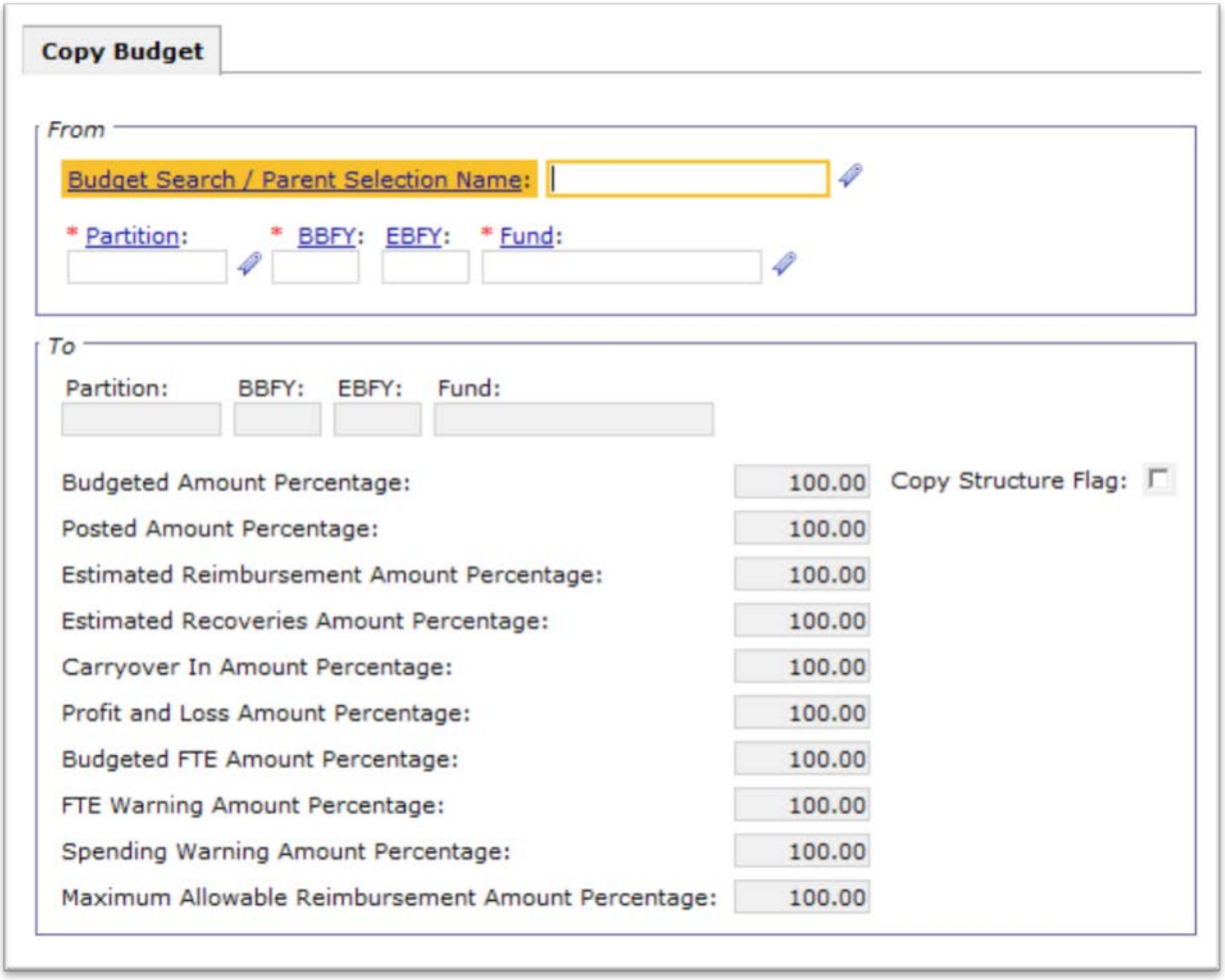
This enhancement will allow GSA to query for multiple budget lines, view related budget settings and amounts without selecting and viewing a specific budget line, and export the results into a comma delimited (csv) file. The view displays all budget dimensions and their roll ups, budget resource amounts such as carryover, reimbursements, and recoveries, as well as amounts for commitments, obligations, accruals, and expenditures. This enhancement impacts both Finance and non-Finance users.

4.3 Simplified Budget Entry

The Simplified Budget Entry Enhancement will offer agencies additional options when it comes to establishing budgets within Pegasys. Each of the modifications is described in more detail below.

The Simplified Budget Entry Enhancement adds a Copy Percentages page to the Appropriation Document (AA) and related sub-budget documents that provide agencies with the ability to create a new budget by specifying a percentage of the copied budget original amount such as creating a new budget by specifying a percentage of the originally enacted amount from the previous year. Currently, in Pegasys 6.5 this can only be accomplished by reviewing the budget amount from the prior year via the budget query, entering it in the new budget, and entering the Funds Availability Percentage to reduce available funding. With this enhancement, users can specify the percentage they wish to copy forward of the Budgeted Amount, Posted Amount, Estimated Reimbursement Amount, Carryover In Amount and Profit and Loss amount by defining the appropriate percentage on the Copy Percentages Page shown in ***[Exhibit 4-4]*** below. Users may also choose to copy forward the budget structure only, by selecting the Copy Structure Flag shown in ***[Exhibit 4-4]*** below. If the copy budget structure button is selected the budget structure will be copied forward with the amounts set to zero dollars.

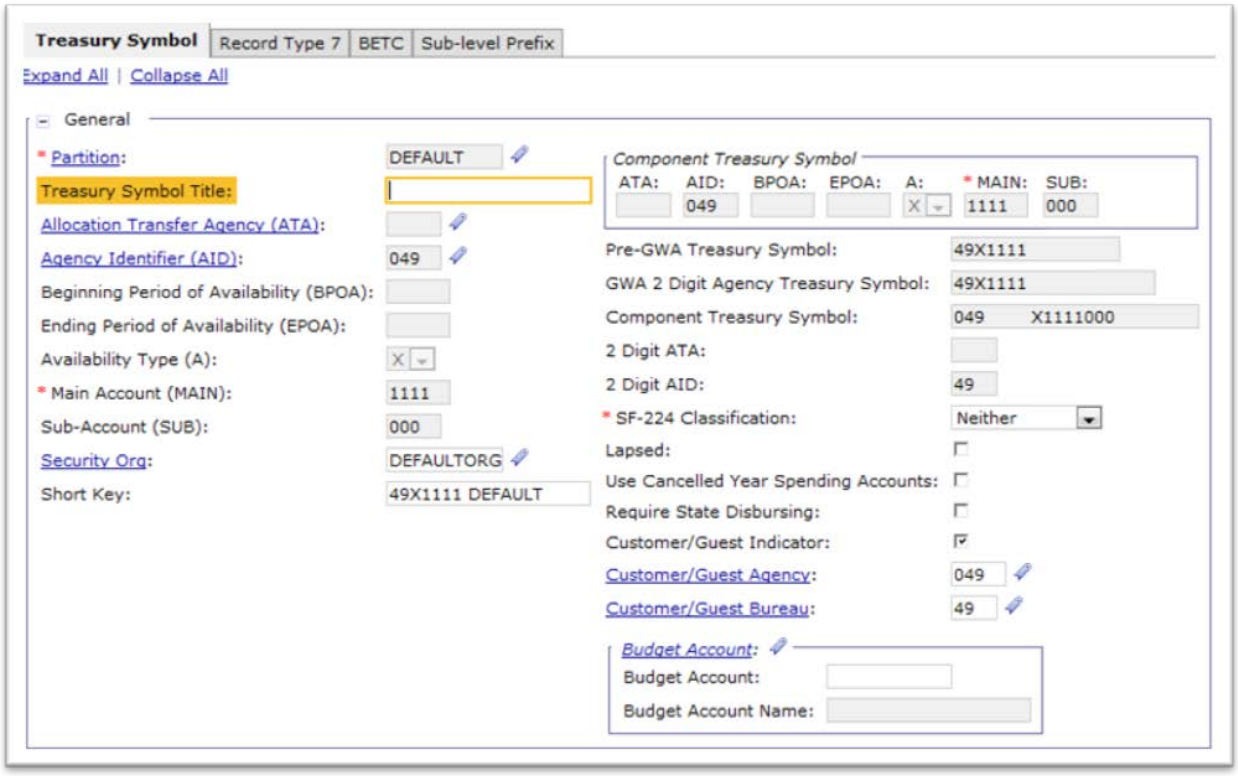
Exhibit 4-4: Copy Percentages and Copy Structure Flag



The AA and Sub-Budget Documents currently have an edit that requires the agency to populate the amounts on the budget Periods page. In addition to the copy functions described above, this enhancement is also modifying the edit so that for any budget node where the Budget by Period is set to Total, if no Period amounts have been populated, then the system will populate the single period's dollar and/or FTE amount using the line total on the Appropriation Document and/or Sub-Budget Documents automatically.

The Treasury Symbol Reference Table is being enhanced to include the Treasury Symbol Title Field shown in ***[Exhibit 4-5]***. This field will be used to capture the Federal Account Symbol Title.

Exhibit 4-5: Treasury Symbol Title Field



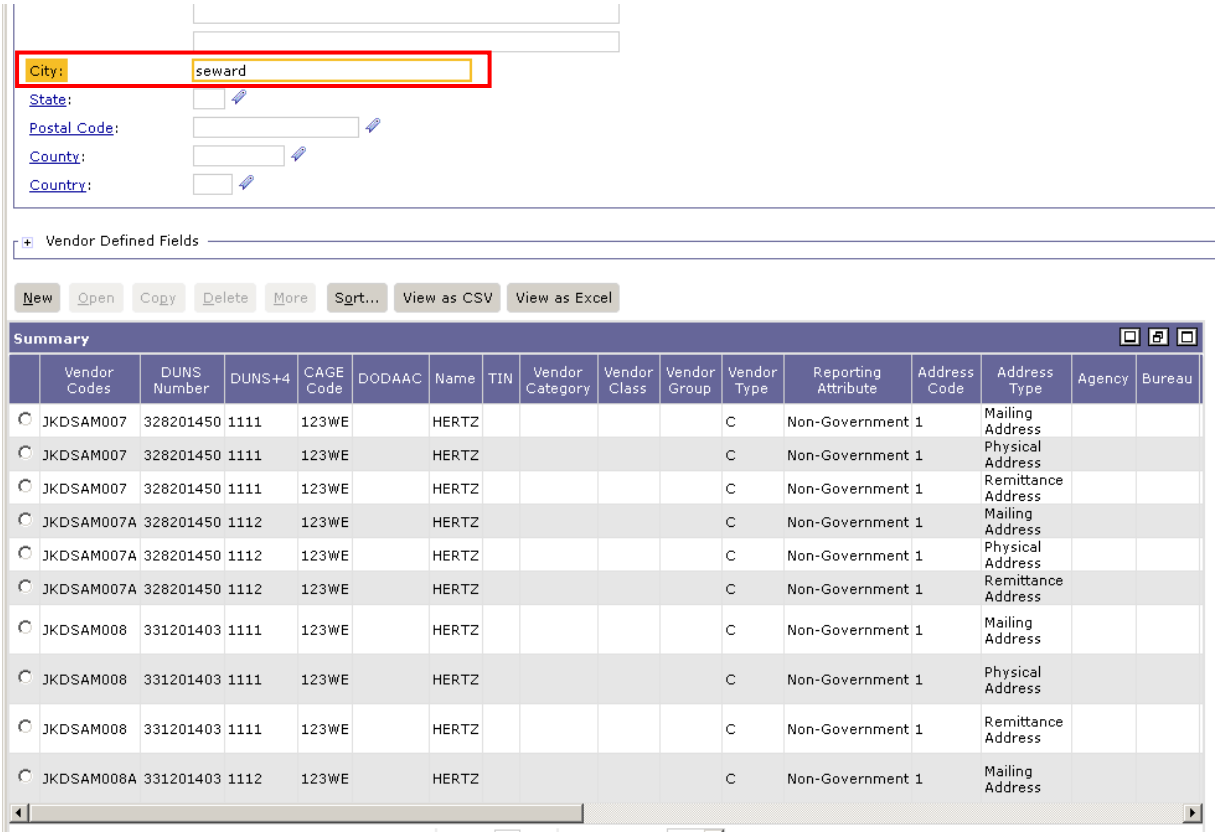
The final data entry streamlining portion of this enhancement is the ability to copy forward a withhold release document directly from the related withhold document. This enhancement will modify Momentum copy forward functionality for Mark documents to allow users to copy forward Mark documents with a line type of Withhold to Mark documents with a line type of Withhold Release.

5 CCRC Enhancements

5.1 Case Insensitive Queries

In addition to SAM changes, Momentum 7.1.2 modifies certain text fields on CCRC queries to support case insensitive searches. This allows the user to enter search criteria in either upper or lowercase, and have all matching results returned, regardless of the case of the results. An example is shown in ***[Exhibit 5-1]*** below.

Exhibit 5-1: Example Case Insensitive Query in CCRC



The following CCRC fields on the following queries support case insensitive searches:

- **Vendor Search:** Address Line 1 - Address Line 4, Agency Location Code, CAGE Code, City, Country, DBA Name, DODAAC, Legal Business Name, Postal Code, PSC Code, St Add 1 - St Add 2, State or Province
- **Holiday Maintenance Table:** Description
- **Document Management:** Document Name
- **WebMethods Maintenance:** Server Id, Service Name
- **WebMethods Error:** Server Id, Service Name
- **Cross Reference:** Application Id, Native Id, Object Name
- **Batch process Status:** Job Definition, Step Name

5.2 Dynamic Extensibility

Release 7.1.2 implements dynamic extensibility in CCRC through the migration of the existing dynamic extensibility functionality in Pegasys into WebFrameworks. Through extensibility, GSA can modify existing and add new application components, control the visibility and location of fields in screens, indicate whether a field is required or not, and change virtually any label within the application.

Additionally, dynamic extensibility provides the ability to populate transactions using pre-defined dynamic variables that set the value of a field based on the current date or user's principal data. Examples include a system administrator setting a global level dynamic extension to populate with a current user's name or setting a date field to populate with the current date, as well as an individual user setting a user level dynamic extension to populate with his/her name.

5.3 Tax ID Number Field Update

The CCRC Tax ID Number Field Update enhancement provides GSA the flexibility to apply the Confidential Data Policy to the Tax ID Number and Social Security Number fields in CCRC (shown in ***[Exhibit 5-2]*** and ***[Exhibit 5-3]*** below). With this option, fields are masked from a user without proper permissions (i.e., a user who does not have the relevant security group associated with it). On the other hand, if a user has proper permissions, then he or she will see the relevant data. The CCRC Tax ID Number Update enhancement provides GSA more security over sensitive data by preventing users without proper permissions from viewing sensitive data. This enhancement only deals with viewing data in fields that are masked from a user without proper permissions, not searching by data.

Exhibit 5-2: Social Security Number Masked from User

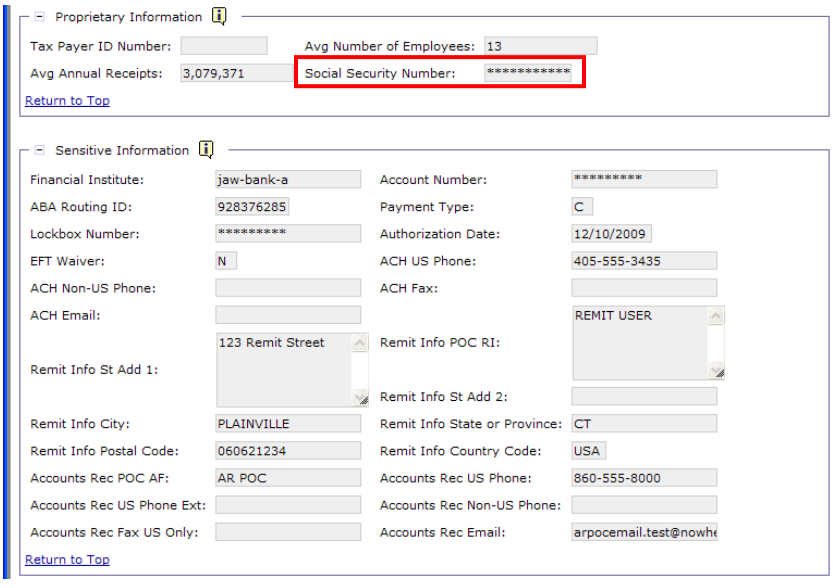
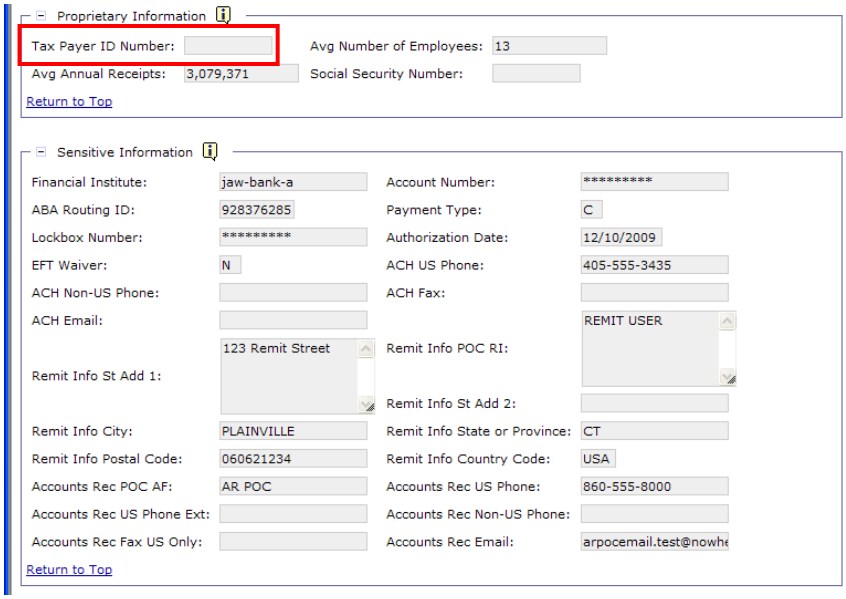


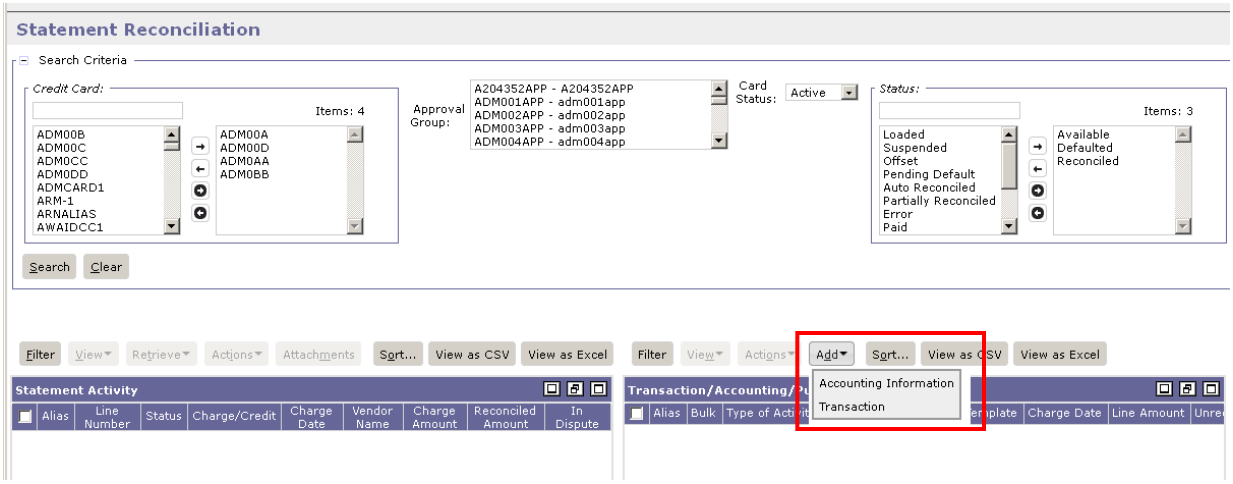
Exhibit 5-3: Tax Payer ID Number Masked from User



6 Credit Card Enhancements: Multiple Enhancements

The 7.1.2 Credit Card enhancement contains multiple improvements to the credit card subsystem. First, the user is able to reconcile to transactions that do not contain a credit card number via the Add Transaction functionality in the Credit Card Reconciliation notebook. This capability allows cardholders to reconcile credit card charges and credits to any transaction that was paid for with a credit card, including those where the credit card number was inadvertently left off of the credit card order at the time the transaction was entered into Pegasys. Users are no longer required to correct or amend the transaction prior to reconciliation for the sole purpose of adding the credit card number.

Exhibit 6-1: Add Transaction –Reconcile without Alias



Secondly, if a charge and credit cancelling each other out are received from the bank prior to any payment to the bank being issued or reconciliation being performed, the cardholder may now offset the charge and credit directly on the reconciliation notebook, preventing the need for reconciling both statement lines in a single action. Other reconciliation notebook improvements include a more user-friendly platform built upon the one created in 6.5 ***[Exhibit 6-2]***. For example, a user can add/remove several or all credit cards and card statuses as search items rather than highlighting and selecting each one. The Credit Card Alias Shuttle Box displays a list of selectable aliases where the user is an authorized user of the corresponding cards. The Alias shuttle box is comprised of the following buttons:

Add All button

- Located between the Alias Selection box and the Alias Selected box
- Clicking this button moves all aliases in the Alias Selection box to the Alias Selected box.

Remove All button

- Located between the Alias Selection box and the Alias Selected box
- Clicking this button moves all aliases from the Alias Selected box to the Alias Selection box.

Add button (Single selection)

- Located between the Alias Selection box and the Alias Selected box

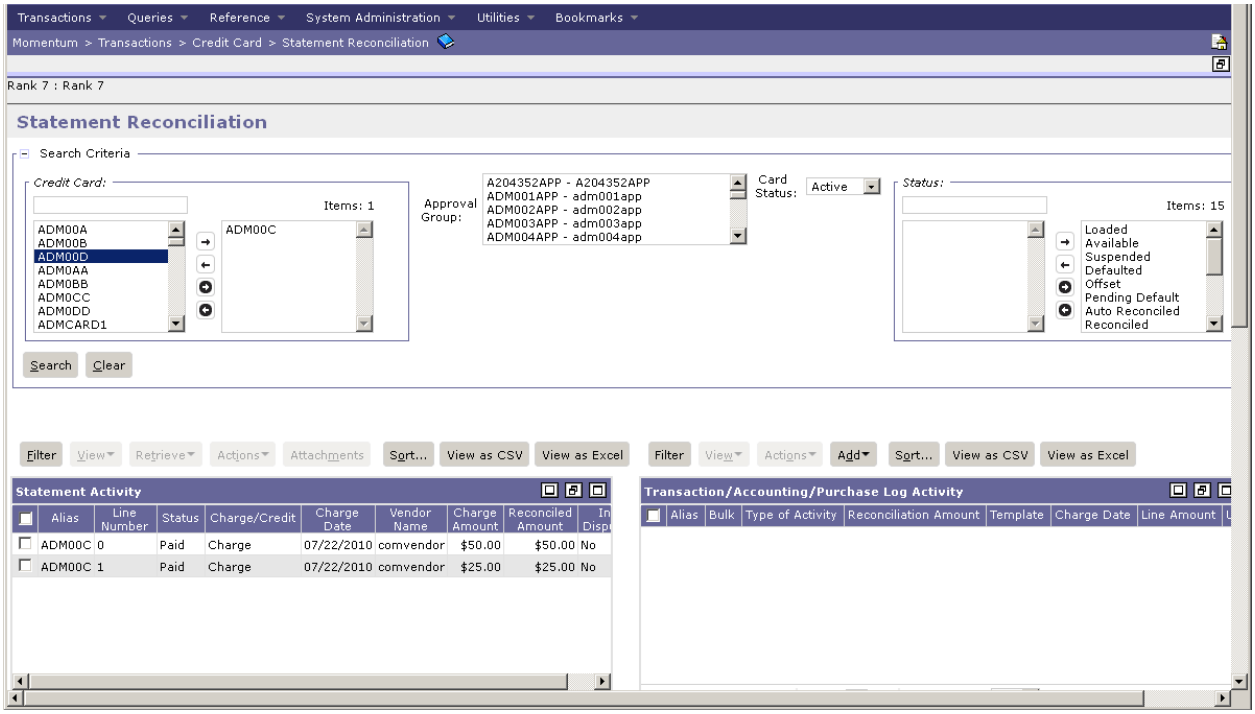
- Clicking this button moves the selected alias(es) from the Available Aliases list box to the Selected Aliases list box.

Remove button (Single selection)

- Located between the Alias Selection box and the Alias Selected box
- Clicking this button moves the selected alias(es) from the Alias Selected box to the Alias Selection box.

For all buttons in the shuttle box, when the user hovers over the button, a metatag appears and identifies the function of the button (i.e. Add All, Add, etc.).

Exhibit 6-2: Updated Reconciliation Notebook Interface



Another improvement includes the ability to configure email text and insert card or statement-level information into emails generated by NEMAILNOTE via Dynamic Messages. This provides more relevant information to the cardholder or approver without requiring that they log into Pegasys to view details ***[Exhibit 6-3, Exhibit 6-4]***. Available inserts include accounting dimensions, statement line statuses, credit card related data, credit card type related data, charge information, vendor information, reconciliation related data, and the user associated with the reconciliation activity. The parameter dynamicMessageCode has been added, which establishes which dynamic message code will be selected for the indicated status(es).

Exhibit 6-3: The Dynamic Message Reference Table Configurable Email Text

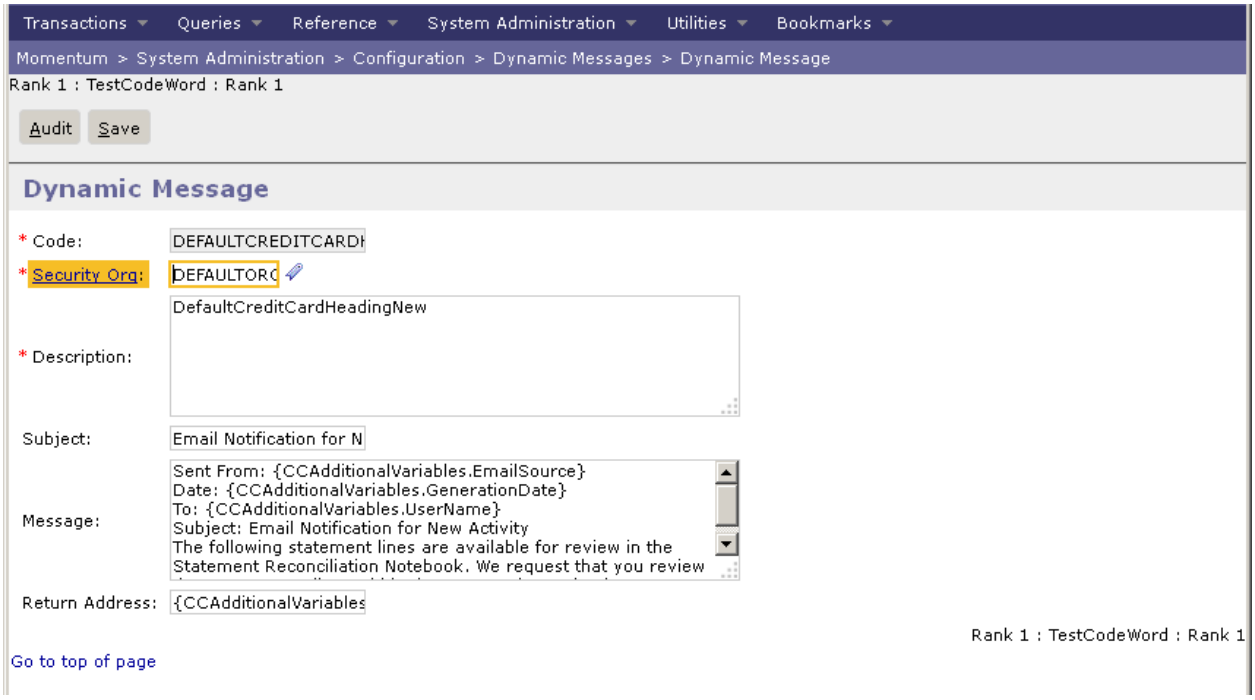
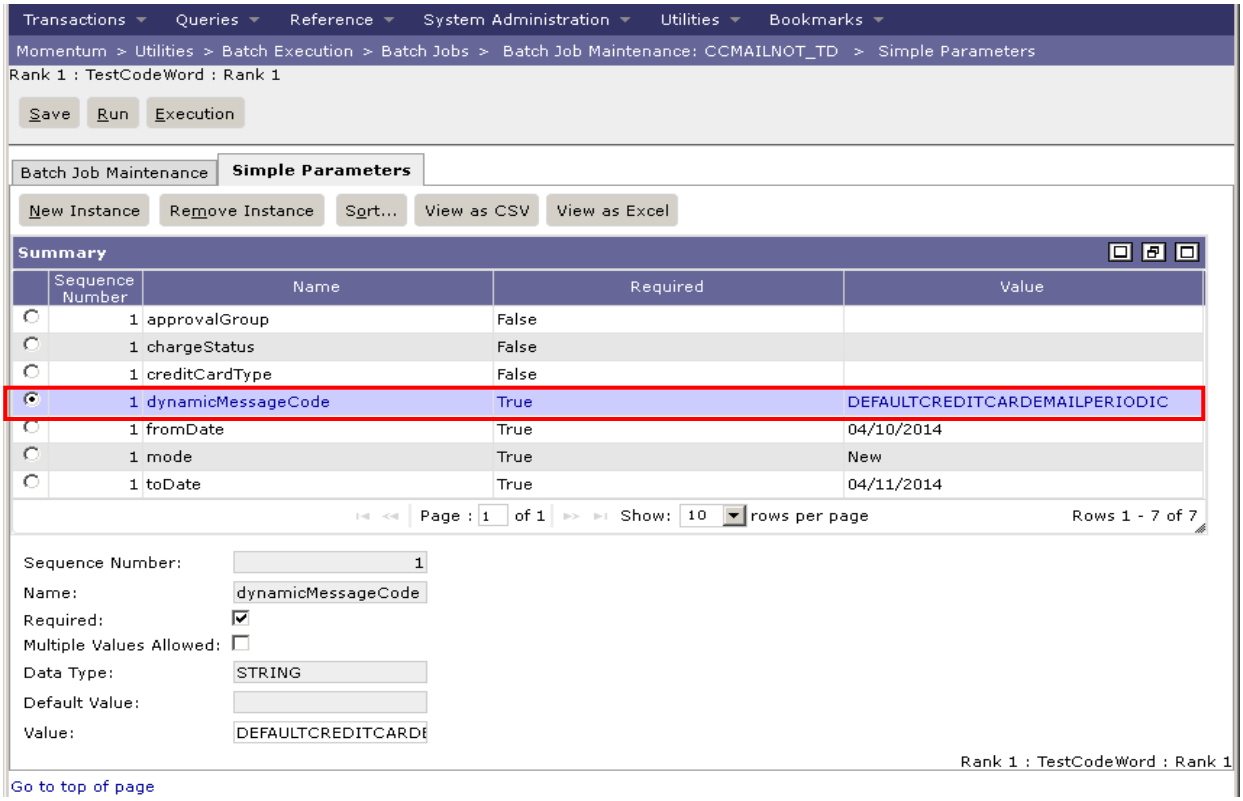


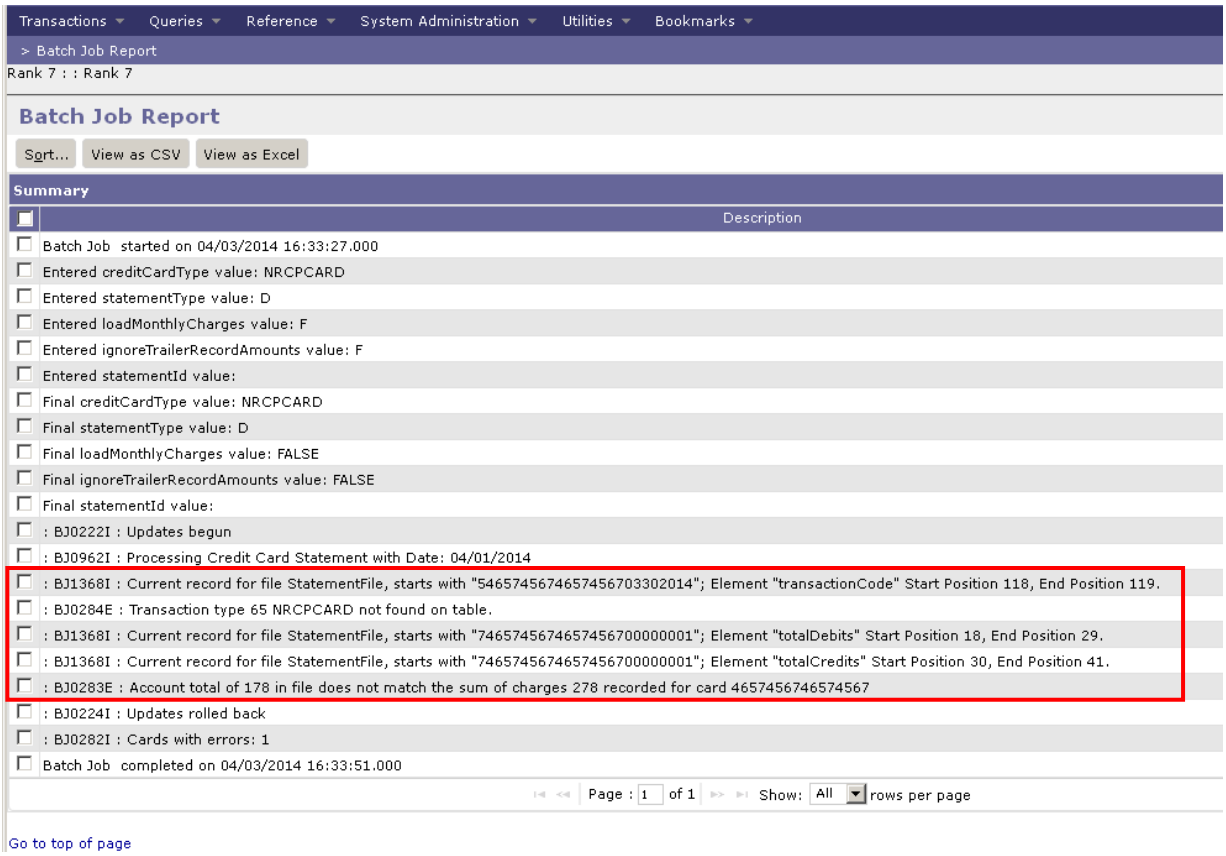
Exhibit 6-4: NEMAILNOTE Batch Job Parameter – dynamicMessageCode



Improvements to NAUTORECON include enabling automated reconciliation when no charge date is present on a transaction, and by adding attempted matching between statement line TIN and vendor TIN. This provides more opportunities for a user to successfully pursue automatic reconciliation versus manual reconciliation.

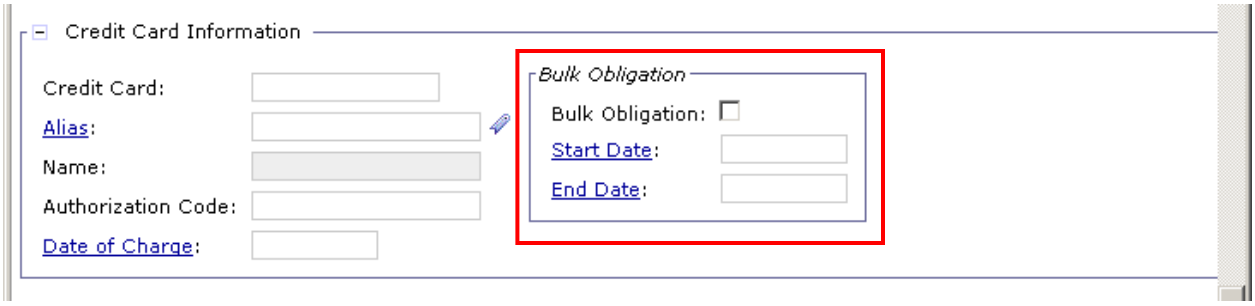
Other improvements to batch processes include error reporting with NSEQSTMLOAD by providing information in the batch process report such as the start and end date of missing data, which problem definitions are associated with the errors, what data is actually missing, and identifying the invalid data records like credit card type, number, currency code, etc. that are associated with a failed statement load ***[Exhibit 6-5]***. This allows GSA to more quickly and efficiently identify problematic data in a credit card file.

Exhibit 6-5: Example of NSEQSTMLOAD Batch Process Error Reporting



The Credit Card enhancement also provides abilities GSA may not use but are available, such as the ability to facilitate automated reconciliation of statement lines to bulk obligations ***[Exhibit 6-6]***. This option results in time savings as it reduces the number of steps required to complete the reconciliation process for more than one statement line.

Exhibit 6-6: Bulk Obligation Functionality on an Order Document

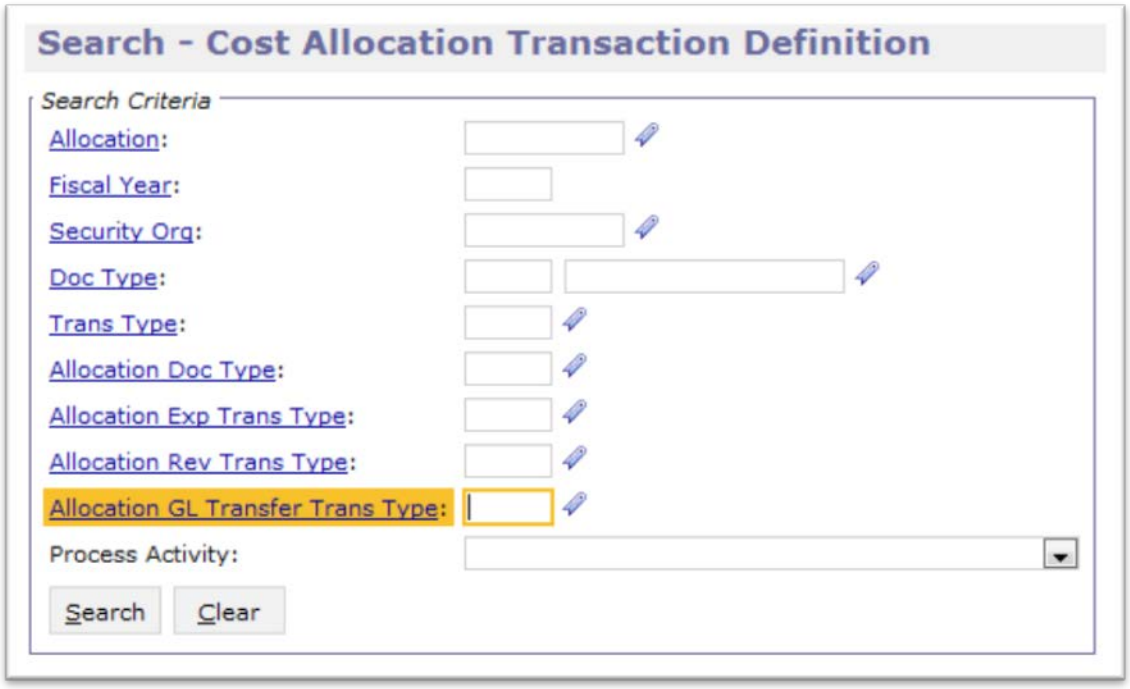


7 Cost Allocation: CASVCREAT Default Transaction Type Enhancement

The Cost Allocation Standard Voucher Creation process (CASVCREAT) creates Standard Voucher (SV) transactions that post Cost Allocation distributions to budgets and the general ledger. The current CASVCREAT process uses the document type and expenditure transaction type captured on the Cost Allocation Results Query on the SV. If the transaction event on the SV is a General Ledger (GL) Transfer, the user must manually correct it in order to process the SV with the correct accounting event.

The CASVCREAT Default Transaction Type enhancement will allow the SV to process with the desired transaction type without manual correction by expanding the accounting events that can be used on generated SV to include Revenue and GL Transfers (in addition to Expenditures). This gives GSA more flexibility when configuring transaction types for SVs generated by the CASVCREAT process on the Cost Allocation Transaction Definition Reference table shown in ***[Exhibit 7-1]*** below. Once the configuration has been defined, the corresponding transaction type will be used by the CASVCREAT process based upon the transaction event. The transaction type used on the SV is also updated on the Cost Allocation Results Query.

Exhibit 7-1: Cost Allocation Transaction Definition



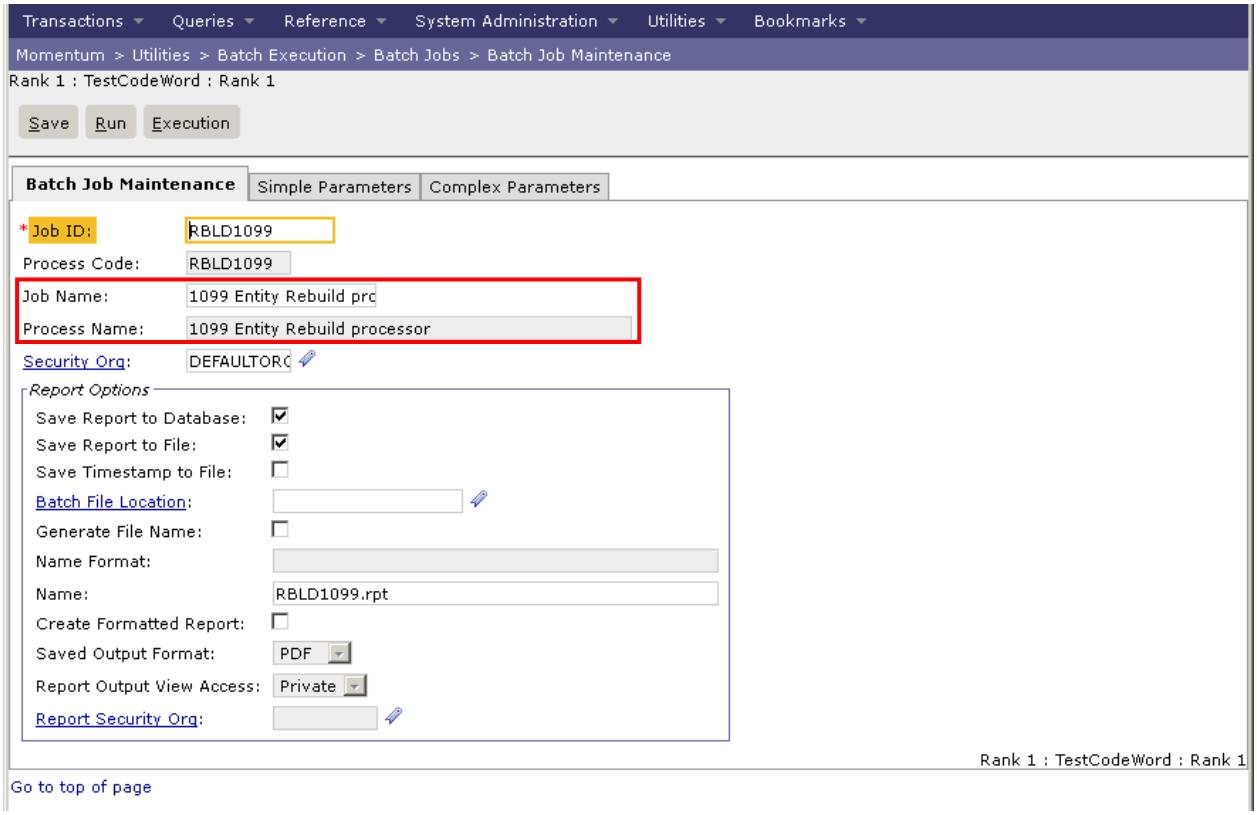
8 External Reporting Enhancements

8.1 1099 Entity Mode

The Pegasys release 7.1.2 makes several improvements to the 1099 process. First, the 1099 process is moving to an entity model, whereby a “1099 Entity Options” table will reflect updates to 1099 data in real-time, allowing GSA to view 1099 reportable data throughout the year ***[Exhibit 8-1]***. In Pegasys 6.5 GSA utilizes the ER1099 batch job process to populate and create an excel spreadsheet of 1099 data. However, in 7.1.2 the entity table will contain this data throughout the year, thus removing the need for the ER1099 batch process. GSA will be able to configure the 1099 Entity records based on Agency, Calendar Year, Code, Name, and Security Org. The table will summarize Vendor Code, Address, Tax Payer Identification Number (TIN), Agency, Partition (if configured), Calendar Year, and 1099 boxes. The user will also be able to view specific transactions and associated GL accounts.

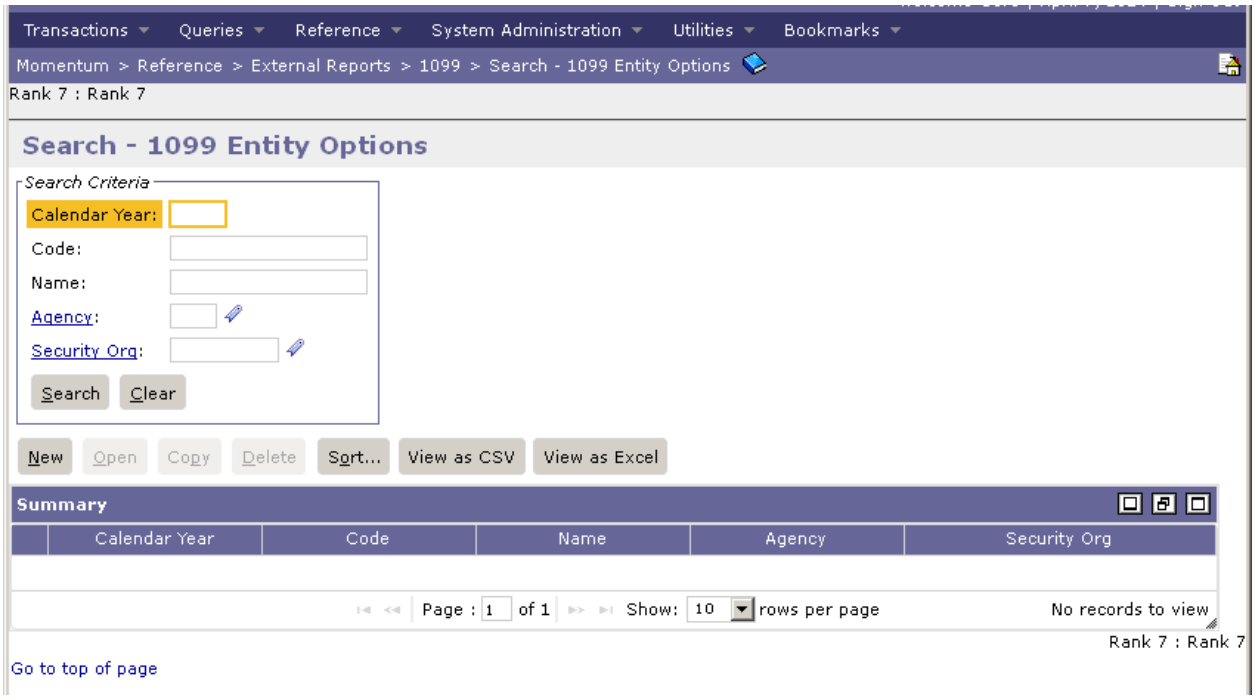
Secondly, a 1099 Entity Rebuild batch job will be available to rebuild the 1099 Entity tables if: 1) additional 1099 activity occurs in the system before the creation of the 1099 Entity Options record, 2) 1099 reference data is added or modified, or 3) the 1099 Entity Options table has been modified. GSA will have the ability to rebuild the Entity table by date, month, calendar year, GL account, Object Code, and certain Vendor information (Vendor Code, Vendor Rollups, and/or TIN).

Exhibit 8-1: 1099 Entity Rebuild Batch Job



Lastly, although updates are done differently for non-miscellaneous and miscellaneous vendors, any vendor address change will update the entity throughout the year. The former involves updates coming directly from the vendor table whereas the latter involves a change on the transaction, a back out and repost and then, the entity updates with a new row of information. The old row of vendor information remains on the table but the amounts will be backed out (i.e., set to $0).

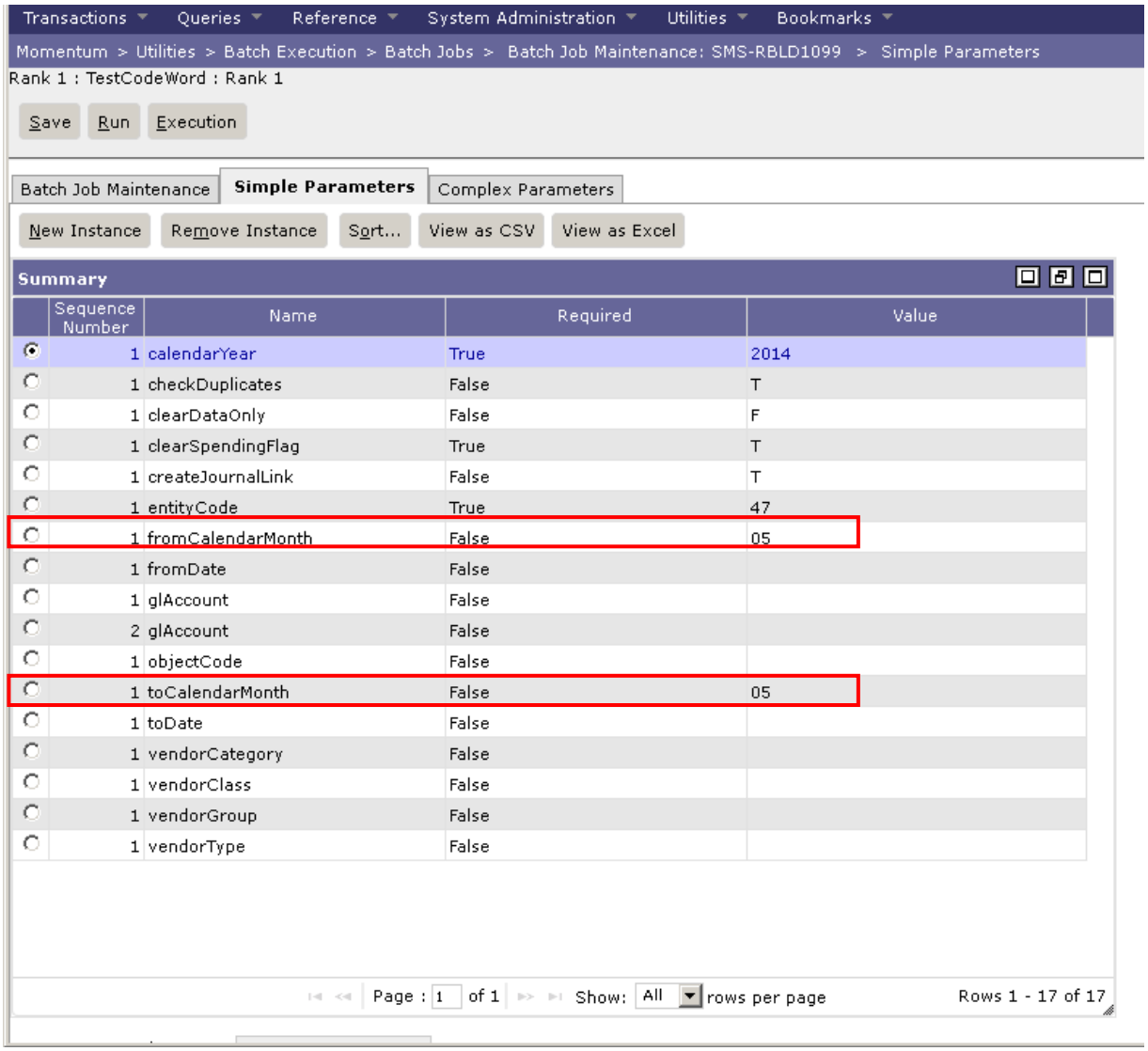
Exhibit 8-2: 1099 Entity Options Table – Real-time Updates



8.2 1099 Entity Rebuild Process

The 1099 Entity Rebuild batch job (originally introduced in 7.0) was updated to provide the ability to rebuild External Report Entities by clearing and rebuilding data for shorter time frames rather than rebuilding and clearing accounting data for the full Fiscal Year ***[Exhibit 8-3]***. GSA will be able to set the External Rebuild Process to rebuild for a specific Month/Year as to only clear and select data for the specified timeframe, thus allowing for better performance. This enhancement allows for better performance and efficiency. GSA will save time when running the 1099 Entity Rebuild batch job for a specific time period, since the job will only clear and repopulate data for the specified time period rather than for the whole Fiscal Year.

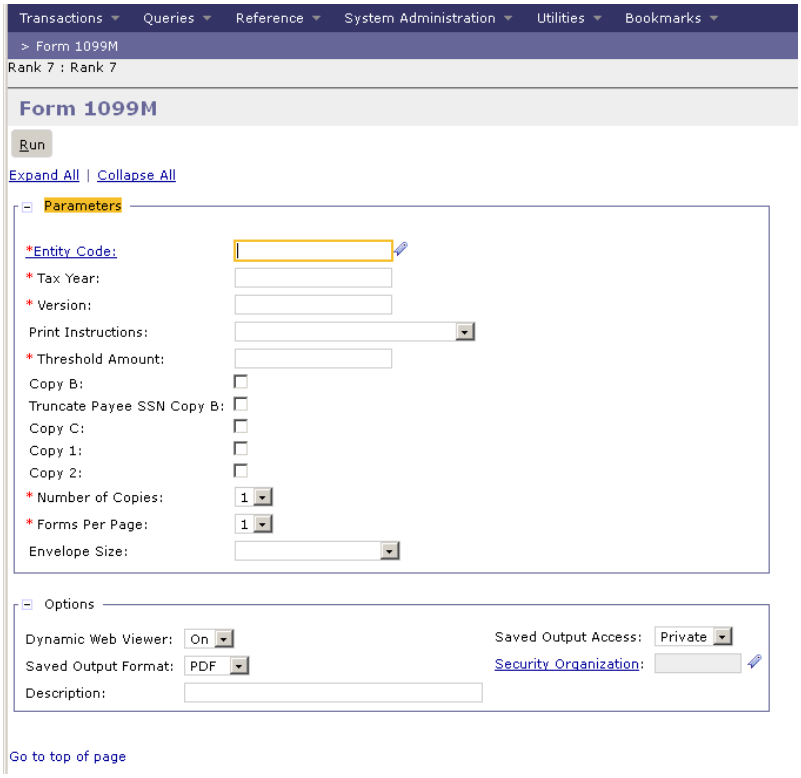
Exhibit 8-3: 1099 Rebuild Entity Batch Process – From/To Calendar Month Parameters



8.3 1099 Report Generation Batch Job

Although GSA does not currently generate 1099 reports in Pegasys, this enhancement allows online synchronous report generation for a large number of 1099 records ***[Exhibit 8-4]***. With the 7.1.2 release, updates to the 1099 entity table will occur in real-time allowing GSA to view 1099 reportable data throughout the year. An Online Report Version Generator will replace the use of the ER1099 batch process to populate multiple versions of the 1099s, which will allow GSA to generate based on Vendor Rollups, Report Type, and TIN number. The 1099 Report query will support a vendor detail view as well as drill down capabilities to view the transaction level detail for each reports box amount.

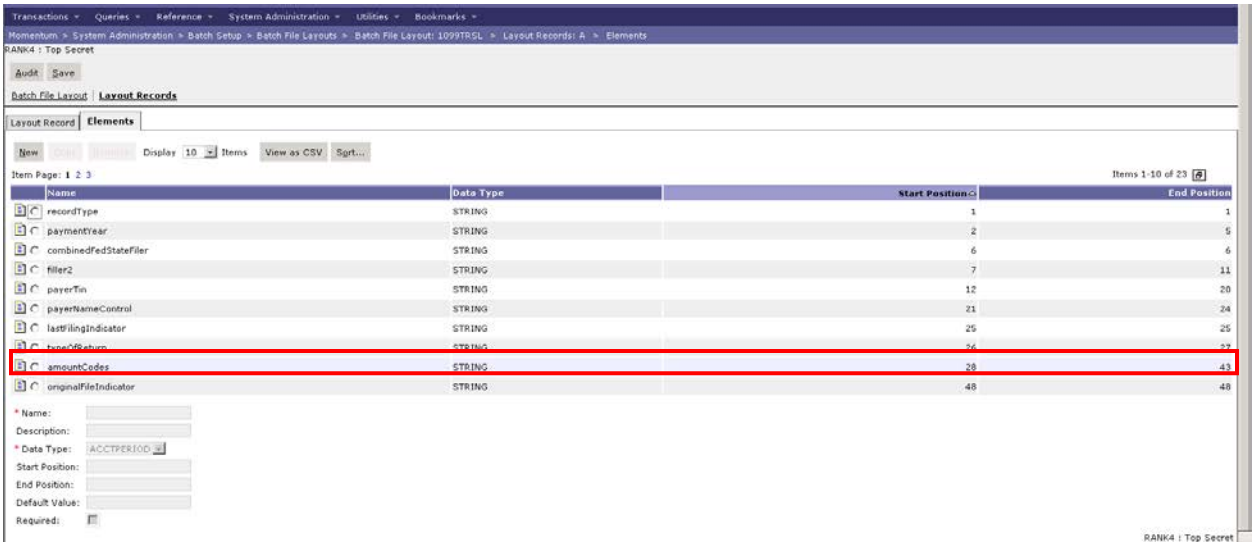
Exhibit 8-4: 1099 Online Report Generation – Synchronous for Large Number of Records



8.4 1099 Transmittal File Upload

The IRS added two positions to the Record A amount code of the 1099 Transmittal file (positions 28-43) to support new 1099-K payment codes ***[Exhibit 8-5]***. While GSA's current configuration does not require 1099-K payment codes, this update will support the IRS addition, which was added based on a 2011 Tax Year IRS requirement. Additionally, this update includes changes to the wording to recipient/debtor instructions of the 1099 reports, which GSA currently does not use. This update will have no impact on GSA's current business practices and will allow GSA to remain in compliance with requirements for successful electronic submission to the IRS.

Exhibit 8-5: 1099TRSL Layout Changes for Amount Code



8.5 SF-1166 Report Updates

GSA is required to submit a Business Event Type Code (BETC) along with its Treasury Account Symbols (TAS or TSYM) for payment transactions. The SF-1166 report assists GSA in certifying its payment schedules in the Treasury/FMS Secure Payment System (SPS). This item will modify the grouping of the payment data on the SF-1166 report by TSYM and if GSA's ALC indicates it is a GWA reporter, the report will include grouping by TSYM/BETC. Also, if GSA desires, it may choose to group the data by Fund depending on which option the GSA chooses for the new Group By parameter on the SF-1166 report parameters being added by this item.

The Payment Generation batch job (ADPMTGEN) is being modified to include capturing the BETC on the SF-1166 archive table. This will allow GSA to run the report from the SF-1166 archive table and the report will include the TSYM/BETC combination in the grouping when GSA chooses TSYM grouping and it is a GWA reporter.

GSA currently uses the reports generated by the Automated Disbursements batch jobs for schedule certification purposes. As an agency that is currently not using Treasury's CARS system, GSA does not use the SF-1166 report because GSA does not need to have schedule data summarized by TSYM/BETC.

This item allows GSA, as a future CARS reporter, to easily certify schedules in SPS using the SF-1166 report by summarizing data by TSYM/BETC. However, if GSA continues not use the Pegasys version of the SF-1166 then this enhancement has no impact to GSA users.

8.6 Trial Balance Tie Points

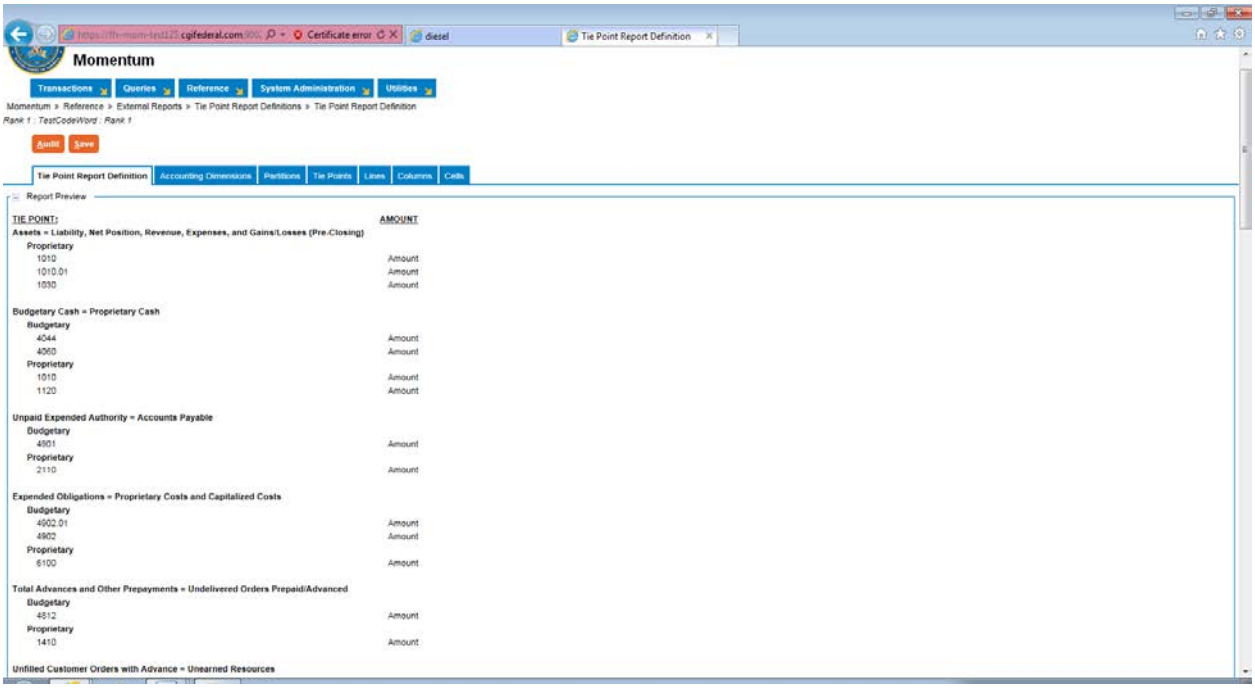
This enhancement will allow GSA to set up an external report definition geared towards the Treasury Tie Points, specifically. In Momentum 6.5, it was at least possible to configure a report definition that could achieve the checks and balances that the Treasury Tie Points requires. However, GSA users would have had to make use of one or more of the Form and Content Report Definitions, meaning it would had to have been configured under one of those reports' more traditional groupings (e.g. Balance Sheet, Statement of Net Cost, etc.) and configuration

would have been substantially more labor intensive and less intuitive considering focus is on GL account balances maintained at a Treasury Account Symbol level.

From a process standpoint, completed configuration of a Tie Points Report Definition would create a corresponding Tie Points Entity in Pegasys. From that point, all incoming transactions will be checked against the criteria specified in the Tie Points Report Definition, and the Entity will be updated with the transaction's details, as appropriate. GSA Users will be able to analyze/research the Tie Points Entity's contents directly through use of the Tie Points Entity Query, generate on-line accessible Tie Point Reports based on the contents of the tie Points Entity through the Tie Points Reports Query, or generate new physical PDF/CSV reports based on the contents of the Tie Points Report with the Trial Balance Tie Points Report, or review existing reports. The Tie Point Entity Rebuild process is available to populate historical transaction data, should the implementation of the Tie Points Report Definition be implemented in a timeframe that would not capture all the data of interest to GSA and forward for a particular reporting period.

[Exhibit 8-6] below previews an example of a Tie Point Report Definition.

Exhibit 8-6: Tie-Point Report Definition – Sample



9 Fixed Assets Enhancements

9.1 Add Asset Number to Journal and Search to Spending History

The Add Asset Number to Journal and Search to Spending History enhancement expands the ability to post and reconcile asset transactions efficiently by providing GSA with additional search criteria to reconcile Fixed Assets data.

The General Ledger is updated for all capitalized assets and associated betterments. To assist with asset reconciliation between the Fixed Asset Module and the General Ledger Module, the Asset Number and Betterment Number fields will be added to the Transaction Journal (TJ). Users will be able to query for postings by Asset Type (initially backpatched to Pegasys 6.2.3 from Momentum 6.3), Asset Number and associated Betterment Number.

The Asset Query reflects the current status of the asset and provides a history or audit trail of the activity processed against the asset record. Search criteria will be added to the "Spending Details" tab of the Asset Query in order to allow users to view spending more efficiently. Users will be able to filter asset spending details by criteria such as From/To Accounting Period, Document Type, Document Number, Dollar Amount, etc.

This enhancement modifies the following:

- Journals
  - The General Ledger is updated for all capitalized assets and associated betterments. To assist with asset reconciliation between the Fixed Asset module and the General Ledger module, the Asset Number field (ASET_NUM) and the Betterment Number field (BTMT_NUM) will be added to the TJ (MF_TJ). This allows Momentum to capture the Asset Number and any associated betterments for Fixed Asset Document Categories in the journals. The system will retrieve the asset number and betterment from the header or accounting line (depending on the Document Type) for each MF_TJ record that involves a Fixed Asset Document.
  - On the main query page of the Transaction Journal and the GL Detail Queries, the Asset Number and Betterment fields will be added as search criteria as shown in ***[Exhibit 9-1 and 9-2]*** below. For Fixed Asset Document Categories, the Asset Type, Number and Betterment will then be displayed in the query item collection as well as on the Details page of the associated query. In addition, the Asset Transfer/Disposal Type will be added to the Details page of the associated query.
  - Conversion is included to update the transaction journal with the asset number, betterment number, and transfer/disposal type for existing asset transactions.
- Asset Query
  - The Asset Query reflects the current status of the asset and provides a history or audit trail of the activity processed against the asset record. For asset spending transactions, the Accounting Period of the transaction will be added to the Spending Details tab. In addition, the current "Date" field will be renamed to "Document Date" and the "System Date Time" (MF_ASDL_SPND_HST.SYS_DT_TM) of the spending transaction will be added to display processing date. These fields will also be displayed in the spending details item collection. ***[Exhibit 9-3]*** below shows the updated Asset Query.

- Conversion is included to update the asset spending details tab with accounting period and the system date time for existing asset records.
- Search criteria will be added to the current “Spending Details” tab of the Asset Query in order to allow users to view asset spending more efficiently. This is similar to the current functionality of the “Depreciation History” tab of the Asset Query. Users will be able to filter spending details by the following criteria:
  - From/To Accounting Period
  - Document Category
  - Document Type
  - Document Number
  - Document Date
  - Dollar Amount
  - Document Action
  - Action
- A “View Document” button will be added to the Asset Spending Details to provide a direct link from the query to the spending transaction. Additionally, a “spending total” line will be added at the bottom of the spending details item collection to sum the records returned by a user’s search. This is similar to current functionality found on the document summary page.

Exhibit 9-1: Transaction Journal Detail Query

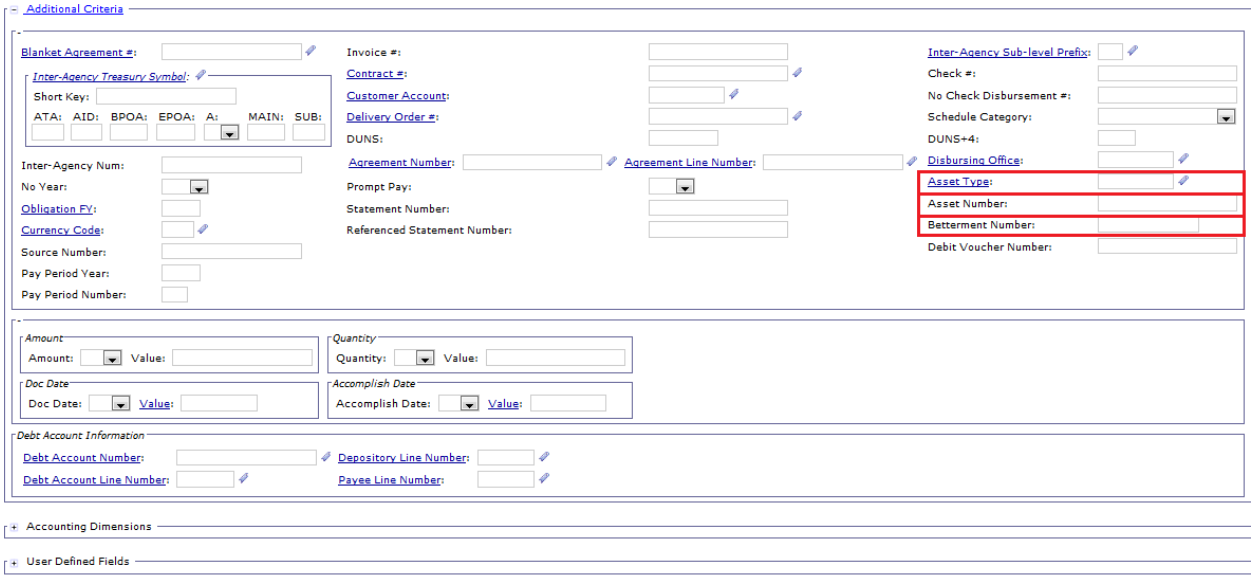


Exhibit 9-2: GL Account Detail Query

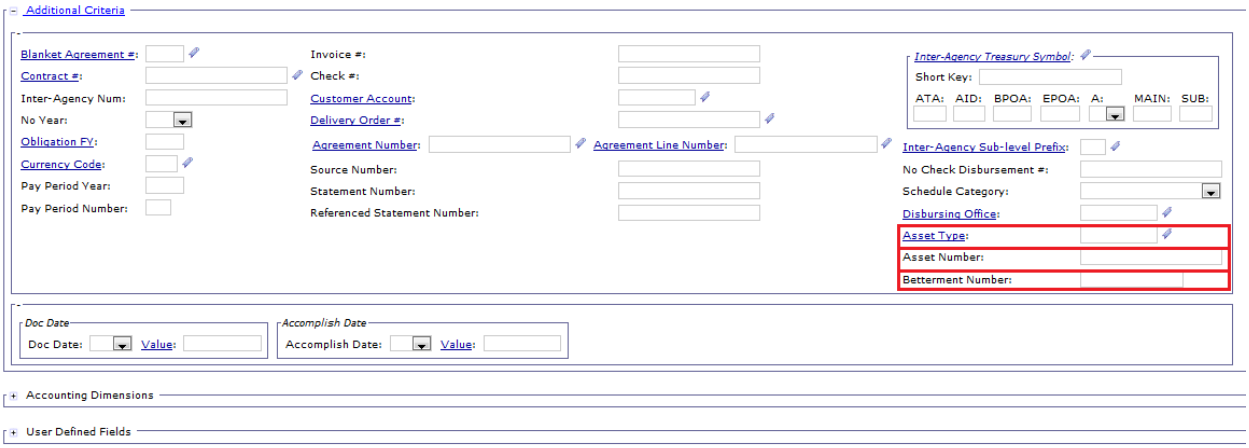
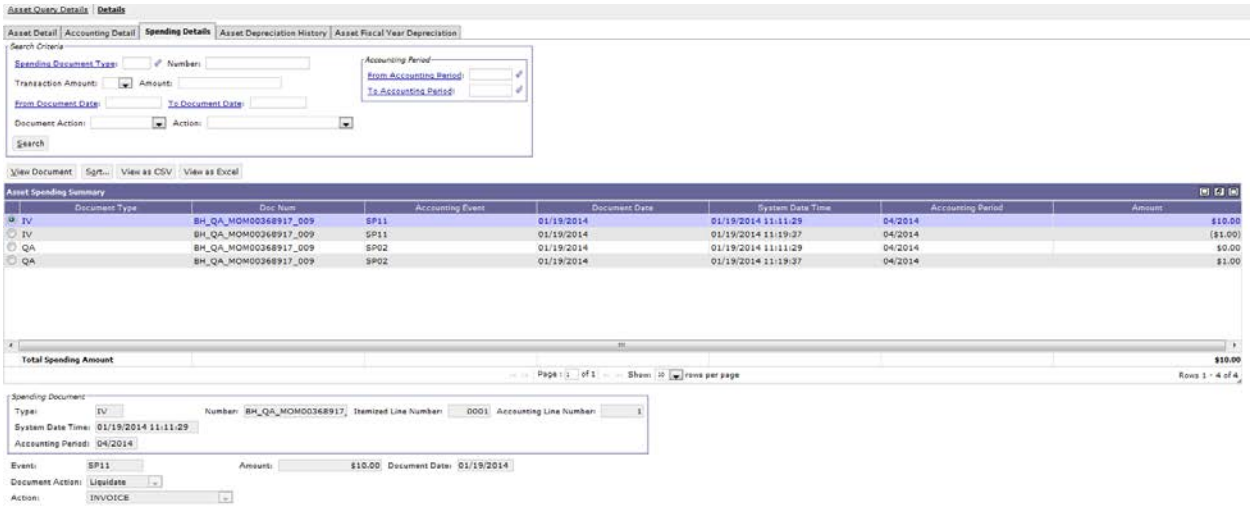


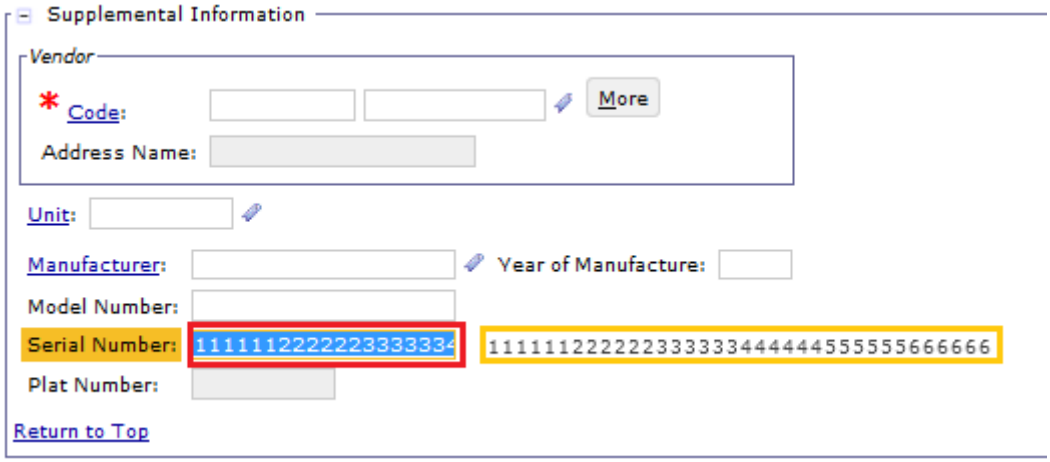
Exhibit 9-3: Asset Query –Spending Details



9.2 Increased Length of Fixed Asset Number

This item supports an increase in length of the Fixed Asset Serial Number from 20 to 36 characters for the Fixed Asset documents and documents with itemized lines (IP, QS, QA, IO, QO, IV, II, AI, and IC) that contain a Serial Number.

Exhibit 9-4: Fixed Asset Acquisition Form – Serial Number



10 General Ledger Enhancements

10.1 Annual Close Improvements

The Annual Close batch process (GLACLOSE) in Momentum works within the General Ledger module to close the books at year-end and prepare the general ledger for the new fiscal year. The Annual Close process can be run in either Preliminary or Final Mode. Executing in Preliminary mode creates the same output file as Final mode, but it does not create documents or update the accounting journals. Instead it updates a set of preliminary general ledger rollup tables users can access through the Preliminary Trial Balance Reports. When the Annual Close process is executed in Final Mode, database updates are made to the accounting journals by way of journal voucher document processing.

At a high level, this enhancement will provide improvements to the Annual Close (GLACLOSE) batch process by:

- Allowing the job to be executed in preliminary mode without the need to have specific accounting periods open or closed.
- Improve readability of existing error messages and create new batch job error messages.
- Have the option of each error message displayed in the batch job report be preceded by a date/time stamp taken from the time it was encountered.

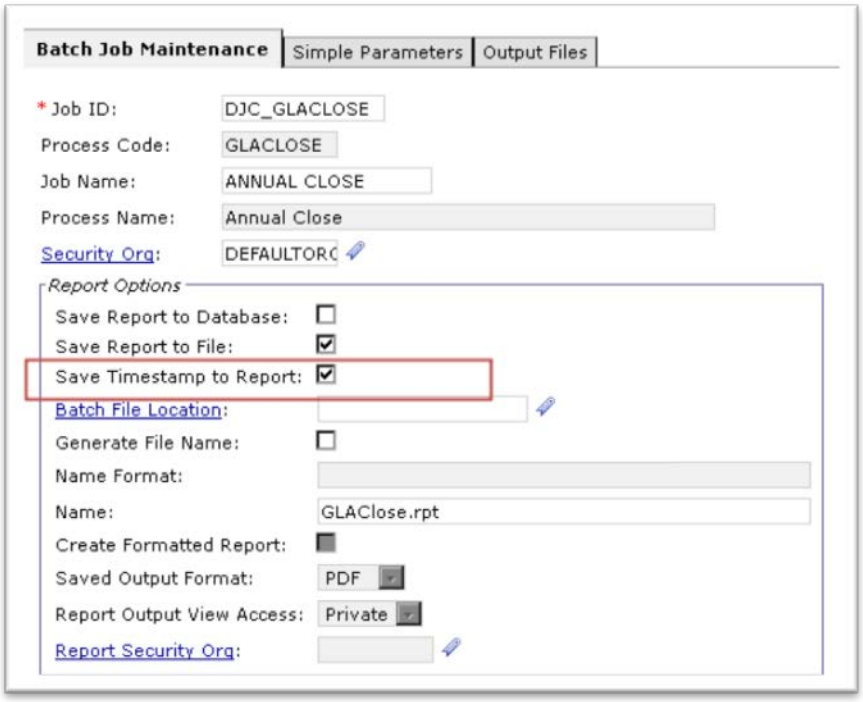
Although preliminary and final modes are handled differently by the batch job, they are both currently held to the same validations and edits. As part of this enhancement, GLACLOSE was modified to remove the accounting period edit when running in preliminary mode. Removing this edit will allow the preliminary run to skip the check it performs to see if the closing, reinstatement, and beginning accounting periods are open during its run. Since there are no documents or postings being processed, there is no need to require the accounting periods to be open when executed in preliminary mode. Removing this edit will allow greater flexibility of its execution in production databases. There will be no change to the accounting period edits when run in Final mode.

In addition to removing the accounting period edit, this enhancement will also improve on the error messages used by this batch process. Improving the error messages in the batch job report will provide a better understanding and description of encountered issues. A handful of new problem definitions (error codes and messages) will be created as part of this modification. Although not necessarily new errors, there are some encountered error messages that exist in the batch log but are not present in the batch job report. Creating new problem definitions for each of these messages will allow them to be present in the batch job report when issues arise.

Momentum 7.1.2 also provides modifications to batch execution reporting which can be used when executing GLACLOSE. Batch execution reporting has been modified to add a flag, “Save Timestamp to Report” (shown in ***[Exhibit 10-1]*** below), on the Batch Job Maintenance Page which will allow users to state if they would like error messages to display the date/time stamp next to each error message in the batch job report. The date/time stamp already exists in the logs, but it will now precede each error message and be displayed within the batch job report if desired. Displaying the date/time stamp along with each error message in the batch job report

allows for better tracking and identifying of issues, while also providing an accurate timing of the execution and receipt of error.

Exhibit 10-1: Batch Job Maintenance Page



10.2 Document Reversal Addition Parameters

The objective of this enhancement is to provide agencies flexibility in defining selection criteria used to reverse transactions at the year end. Agencies have different selection criteria and business needs when reversing open transactions during the annual close process and to accommodate different business processes, additional parameters will be provided for the Annual Close Document Reversal Batch Process (ACDOCRVS). Existing configuration options will continue to be available along with the additional criteria defined in this enhancement.

In order to provide the ability to execute the ACDOCRVS batch process based on additional criteria, the following new simple parameters will be added to the batch job:

1. The Document Level Reversal parameter allows users to specify that the reversal should be performed at the document level selecting all open lines within each document that meets the selection criteria. This parameter will default to False for agencies who wish to continue the reversal process at the line level.
2. One or All Line Match flag is used in conjunction with the Document Level Reversal parameter to determine whether the document should be selected for reversal only when one of the open lines meets the selection criteria or when all open lines of the document meet the selection criteria.

In addition to these new simple parameters, the simple parameters that used to define the selection criteria prior to this enhancement (except for Document Categories and Document Types parameters) will be moved to the complex parameters. Allowing users to define the

selection criteria via the complex parameters enables them to define multiple 'or' conditions that a document or line must meet before it can be reversed. For each complex parameter group, the following new parameters will be available:

1. Include/Exclude Flag identifies whether a given complex parameter group defines inclusion logic versus exclusion logic.
2. Rollups for each dimension code allow users to define inclusion or exclusion logic based on the rollup values such as organization category.

The existing batch process allows agencies to either include or exclude no year funds using the No Year Flag parameter. When the flag is set to True, the system selects no year funds along with multi-year and single year funds. However, there is no way for the users to select no year funds exclusively. The No Year Flag parameter will be modified to enable agencies to execute the batch process only for no year funds excluding single and multi-year funds.

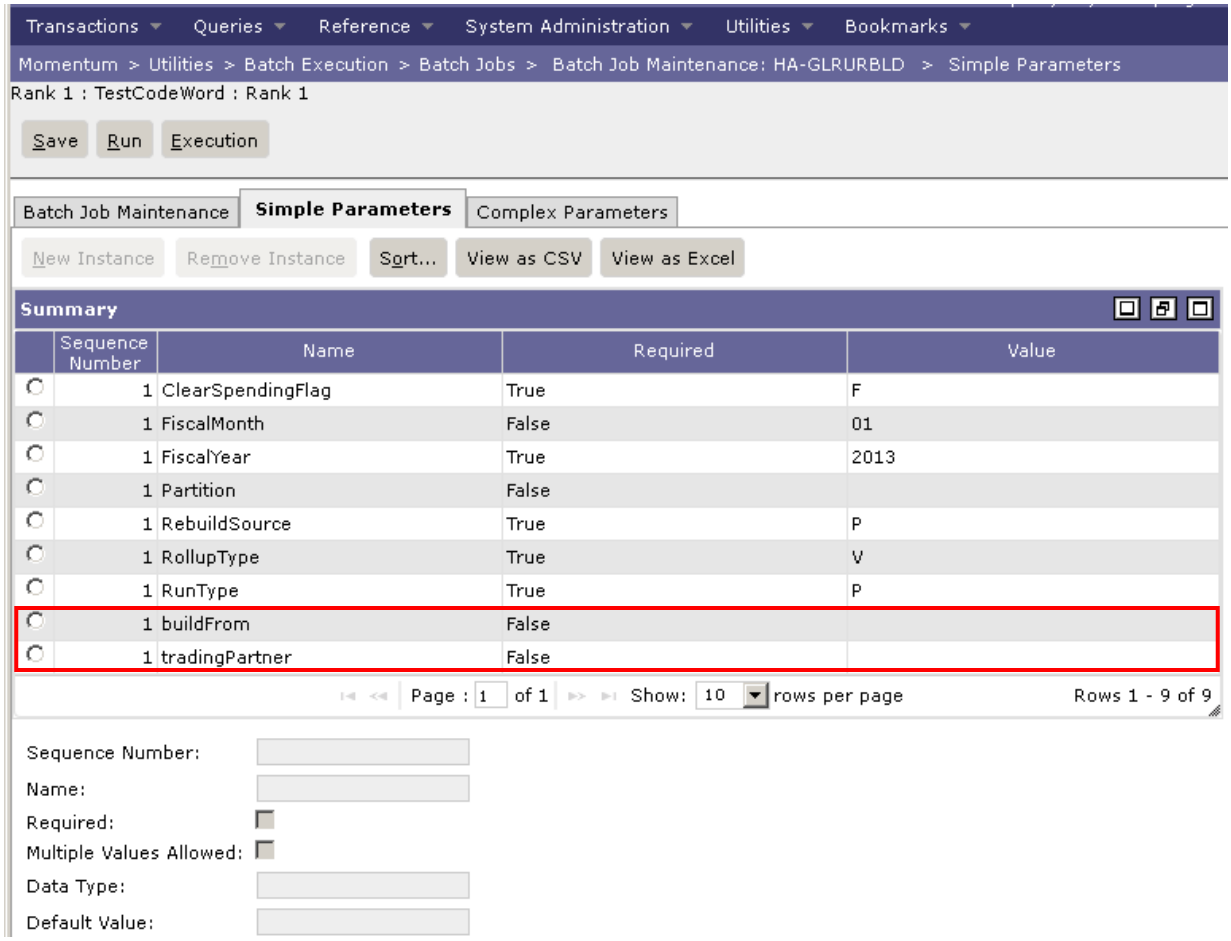
10.3 GL and Entity Rebuild Performance Improvement

Performance improvements have been made to the GL Rebuild (GLRURBLD) batch process, which is modified to support the ability to narrow down which records are to be rebuilt by Trading Partner. Additionally, you have the option to build any of the periodic tables directly from the journals, instead of relying on previous periodic tables to have been rebuilt first, decreasing the time required to complete the rebuild.

To eliminate the need to rebuild the periodic balance by fund table (PBBF), periodic balance by vendor table (PBBV), and periodic balance by distribution table (PPBD) in a specific order, this enhancement will provide the ability to rebuild any of the three periodic rollup tables off of the accounting journals. This will be accomplished by adding a new batch parameter “buildFrom”, ***[Exhibit 10-2]*** which will allow users to specify whether to use the accounting journals or periodic tables when executing the GLRURBLD batch process. Valid values include Null (defaults to P), J (Journals), and P (Periodic). If a user chooses to rebuild using the accounting journals then any of the periodic tables can be built using data from the accounting journals in any specific order. Only if the tables are being rebuilt off of the periodic tables will they need to be rebuilt in a specific order. The annual rollup tables will continue to be built off of the periodic tables and currently do not require any specific order to be rebuilt.

In addition to the buildFrom parameter, this enhancement will add another parameter “tradingPartner” ***[Exhibit 10-2]*** which will allow users to enter a specific Trading Partner value as a selection parameter. If the tradingPartner parameter contains a null value then the GLRURBLD process will select and build data for all Trading Partner values as it currently does. If the tradingPartner parameter contains a valid value, then the GLRURBLD process will select and build data only for the Trading Partner entered as the selection parameter. This will provide GSA the opportunity to rebuild a specific set of data if deemed necessary in a shorter amount of time rather than rebuilding for all trading partners.

Exhibit 10-2: New Parameters for GL Rebuild Batch Process



In addition, performance improvements to both the Plan Rebuild (PLREBUILD) and Project Rebuild (PRJREBUILD) batch jobs have been made. The Plan Rebuild job will infer the Fiscal Year and Fiscal Month based on the Plan's start and end accounting periods. For Project Rebuild, From and To Fiscal Month and Fiscal Year parameters are added.

10.4 GTAS – SGL and Agency Expansion

This enhancement will support the Government-wide Treasury Account Symbol Adjusted Trial Balance System (GTAS), a legislative update, and allow GSA to be CGAC compliant in order to submit bulk files to GTAS. This enhancement implements the final portion of the overall GTAS legislative enhancement for GSA, implementing the general ledger conversion from the four-digit SGL structure to the six-digit SGL structure.

10.5 Multiple Journal Postings for IPAC Payments

The Multiple Journal Postings for Intra-Governmental Payment and Collection (IPAC) Payments (IPs) enhancements provides agencies the ability to reflect IPAC Payments in transit and confirmation activity in the journals by adding an IPAC Disbursement in Transit and IPAC Reconciliation process. The new capability for IPAC payments is similar to the existing

disbursement that payments have for automated disbursements (Treasury, Banking, State, and Agency disbursing methods). These new process activities will enable agencies to postpone journal updates to the cash posting model until the confirmation of the transfer of funds is received from IPAC, which is not typically received the same time the IPAC payment is initially processed or submitted to Treasury via IPAC Out.

An agency can create payments to other agencies for Inter-Agency transactions and then submit them to the Treasury IPAC system by creating a file from Momentum's IPAC Out (GSIPACOUT) process. Currently, when the IPAC payment is processed, the functionality mirrors that of a No-Check disbursement, therefore the IPAC IP is considered fully disbursed and typically posts to a posting model that includes the Treasury cash account (1010). When payments are submitted to IPAC, however, the funds are not actually transferred between agencies until the payment clears the Treasury and agency edits. This means there is a possibility the payment can be rejected. In order to keep the accounting in line with the activity at Treasury, and also to allow for delays in said cycle, agencies need the ability to hold off posting the IPAC payment as fully disbursed until the payment is confirmed by Treasury. The confirmation of the payment can be a day or two later and is performed by the IPAC inbound process (GSIPACIN).

As part of this enhancement, the Accounts Payable functionality for IPAC has been modified to enable agencies to configure additional posting models with different process activities in order to reflect the movement of the IPAC payment at treasury in the general ledger (GL). These process activities will be used in new/additional liquidation entries created by the automated IPAC processes only (GSIPACOUT and GSIPACIN). Manual usage of these process activities is not included as part of Momentum 7.1.2.

Specific changes to transactions:

The Payment Authorization (IP) will be modified for IPAC Payments so that there are two additional process activities (IPAC Disbursement in Transit and IPAC Reconciliation) used in IPAC processing. For the purpose of this enhancement, IPAC payments are defined as IPs with the Disbursing Method equal to Inter-Agency AND the Type of Transfer set to IPAC. No change will be made to the other disbursing methods and disbursing models. Inter-Agency Transfer Payments that do not have Type of Transfer set, meaning the Type of Transfer is blank, are also not included. This enhancement does not affect IPAC Billing Documents, IPAC Cash Receipts nor will it include/necessitate any change to payment documents created by the GSIPACIN process.

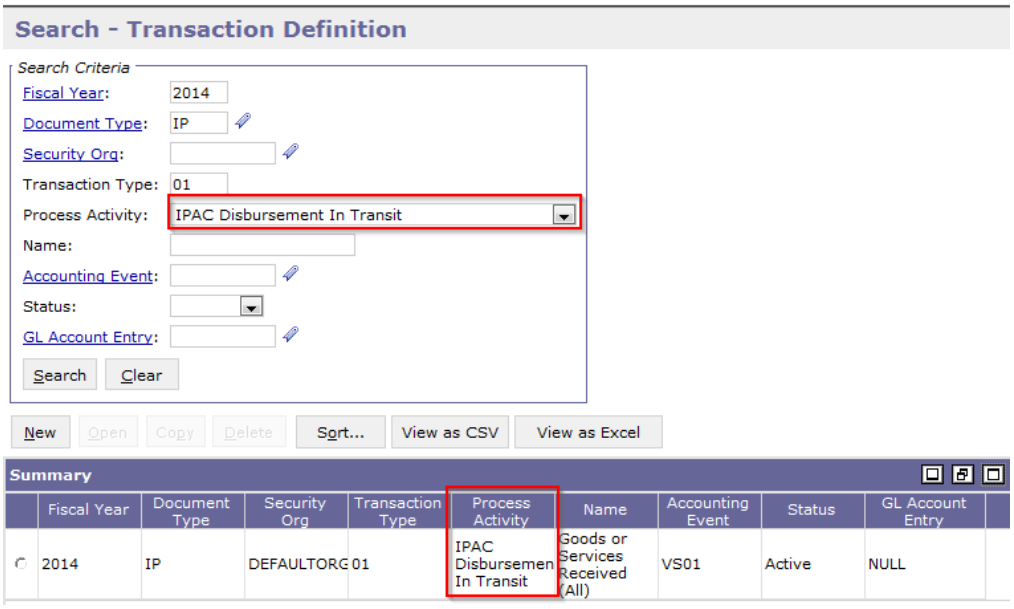
Specific changes to queries:

The Transaction Journal Query and GL Detail Query will have the Process Activity modified to add the new values.

Specific changes to reference data:

The Transaction Definition Table will have an IPAC Disbursement in Transit process activity and an IPAC Reconciliation process activity added as shown in ***[Exhibit 10-3]*** below. These will be usable on Payment Authorizations (IPs) only.

Exhibit 10-3: IP Journal Posting – IPAC Disbursement In Transit

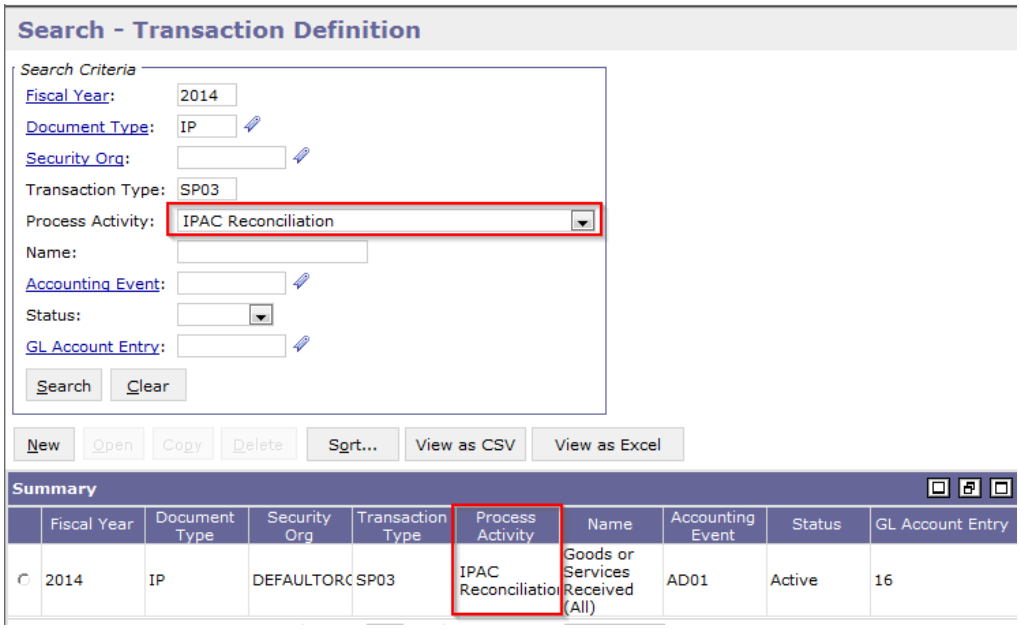


Specific changes to batch jobs:

GSIPACOUT will be modified to add a liquidating journal entry for the "IPAC Disbursement in Transit" process activity when the payment is successfully included in the outbound file and has the IPAC Status updated from Not Submitted to In Transit. This change applies to final mode of GSIPACOUT only.

The IPAC In process (GSIPACIN) will be modified to liquidate the outbound IPs "IPAC Disbursement in Transit" process activity by adding a liquidating journal entry for the "IPAC Reconciliation" process activity shown in ***[Exhibit 10-4]*** when the payment is successfully processed and IPAC Status updated from In Transit to Confirmed. This change applies to IPs the Momentum instance submitted to IPAC only and does not apply to IPs newly created by the GSIPACIN process or IPs used outside of the IPAC automated processes. Note that the IPACIN process already corrects the IP in order to update the accomplished date with the Treasury Accomplished Date.

Exhibit 10-4: IP Journal Posting – IPAC Reconciliation



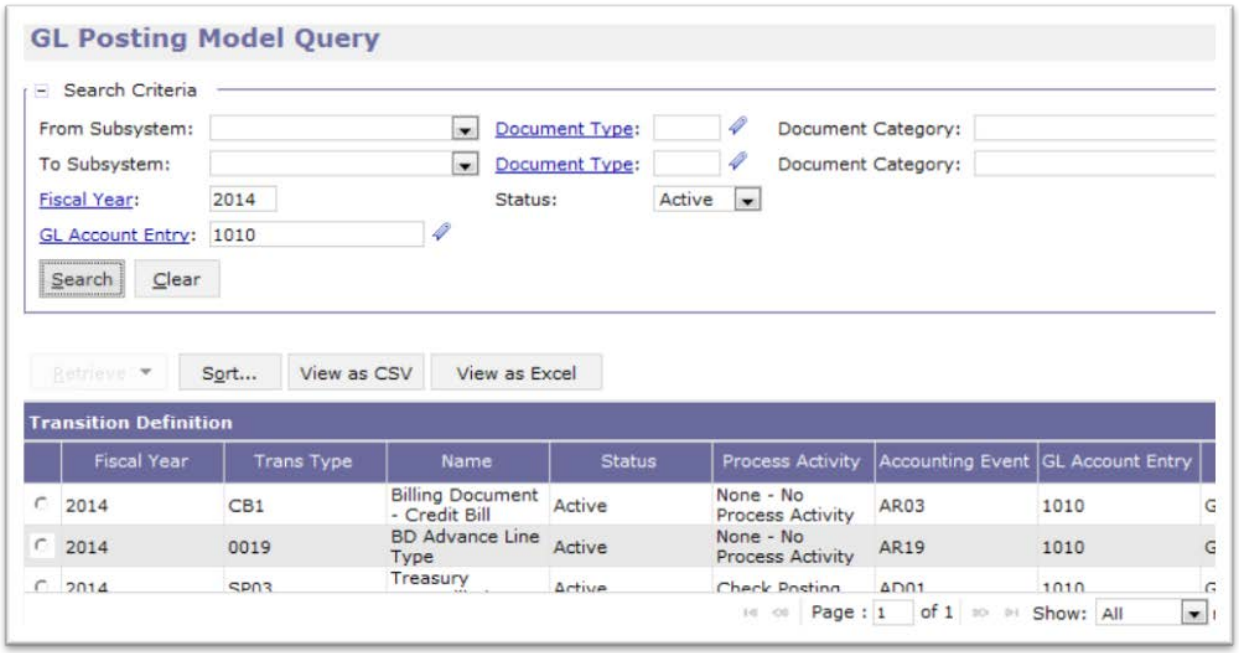
The Update IPAC Status and Billing Status process (GSUPDIPAC) will be modified by this enhancement. IPAC Status of In-Transit to IPAC Status of Rejected will create a reversal of the liquidating entry for the "IPAC Disbursement in Process". In this case, there will be the original 'None' process activity, the first 'IPAC Disbursement in Transit' liquidation entry and a second 'IPAC Disbursement in Transit' liquidation entry. The second liquidation entry is the opposite of the first liquidating entry, to in essence, reverse or counter the first liquidation entry.

The Reorganization process will be updated to include the new IPAC journal entries if an IPAC payment is reorganized.

10.6 Posting Model Information

The objective of the General Ledger (GL) Posting Model Information enhancement is to create a process that will generate more comprehensive GL posting model information for agencies for use in research and to provide to an auditor. This information will be a complete breakdown of every unique transaction definition, including which accounts are debited and credited, the specific accounting event, the process activity, and the flexible definition information, for a specified fiscal year. This enhancement will provide the GL Posting Model information in both query and report form. The query can be used for online verification and research shown in ***[Exhibit 10-5]*** below. The new report will display information by selected fiscal year for distribution to applicable agency and audit personnel.

Exhibit 10-5: Reference Query Showing CX Document

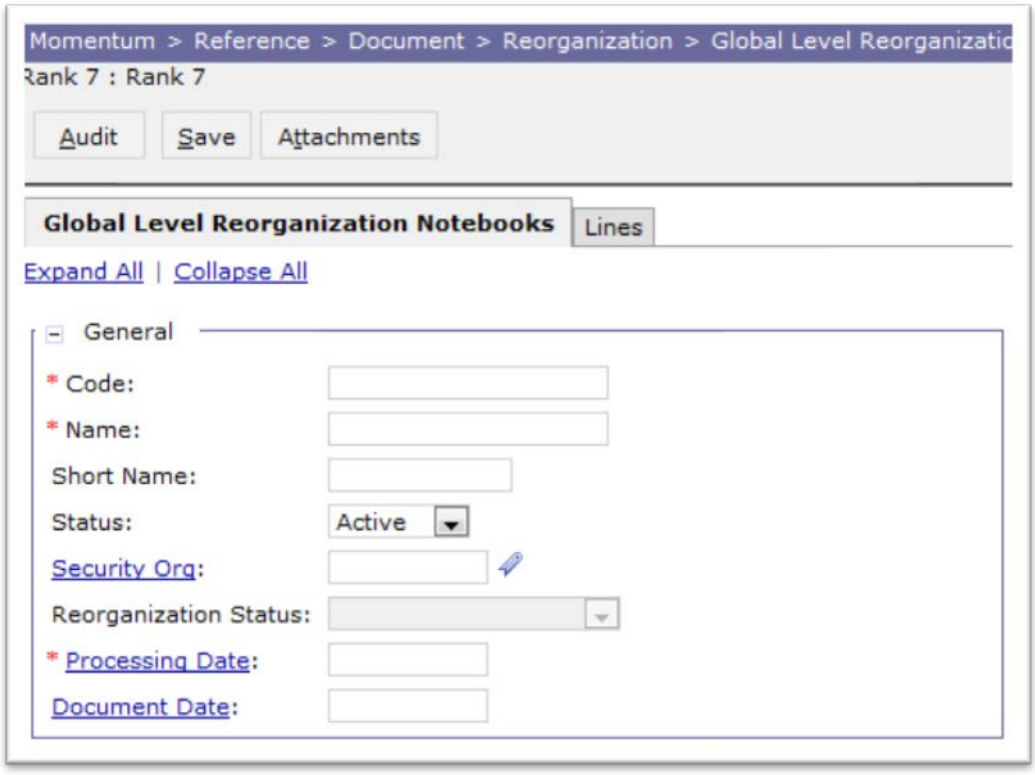


11 General Systems Enhancements

11.1 Add Attachments to Notebook Queries

Being able to add supporting documentation, user's comments, and relevant information increase the ability to add pertinent user information within Pegasys. The purpose of the Add Attachments to Notebook and Queries enhancement is to extend the attachment functionality within Pegasys to various notebooks and queries. This new attachment functionality will allow users to view and manage attachments at notebook and query level, therefore users will no longer need to navigate to the form/document level to add an attachment. An example is shown in ***[Exhibit 11-1]*** below.

Exhibit 11-1: Add Attachment to Notebook Query



Users will access the attachment page via the Attachments button on the notebook or query. From the attachments page they can choose how they wish the attachment to be classified. Like other areas in Momentum, the attachment can be classified as "attachments" or "supporting documentation" and can be protected by using the "Sensitive Attachment" functionality.

Attachments associated with forms/documents will not be visible from the Notebooks or Queries; and vice versa.

Specifically, this enhancement adds the attachment functionally to the following notebooks and queries within Momentum:

1. Agreement Query
2. Project Notebook/Query
3. Initiative Notebook/Query
4. Planning Notebook/Query
5. Credit Card Reconciliation Notebook
6. Credit Card Log
7. Document Level Reorganization notebook
8. Global Level Reorganization Notebook.
9. Blanket Agreement Query
10. Contract Query

For agencies using the Credit Card Reconciliation Process, it is recommended that the attachments/supporting documents for the Credit Card Statement Lines be used to support the Dispute/Reconciling process. However, users should understand that the attachments are associated with specific Credit Card Statement *lines*, not a given "Statement Load" file.

The following archive process has been modified to add the ability to archive attachments associated to their corresponding notebook/query.

- The PCAS Archiving Process (GSPCASARCH) will archive attachments that are associated to the Agreement, Project or Initiative Notebooks/Queries.

- Credit Card Archive Process (GSCCARCH) will archive attachments that are associated to the Credit Card Reconciliation Notebook statement lines and Credit Card Log Notebook.

- Financial Plan Archiving Process (GSPLANARCH) will archive attachments that are associated to the Planning Notebook/Query.

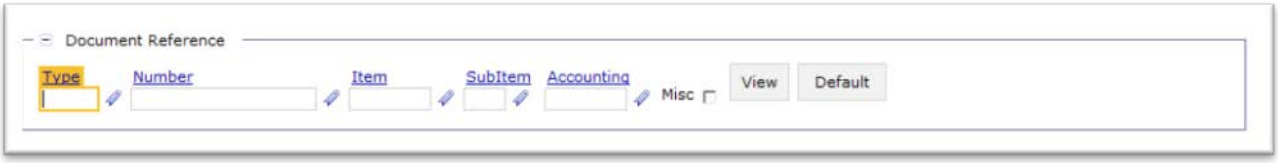
11.2 Add Miscellaneous Reference Functionality to Standard Vouchers and Journal Vouchers

A Standard Voucher (SV) is used to record miscellaneous accounting transactions, and a Journal Voucher (JV) transaction is used whenever the user needs to record non-standard accounting transactions. The JV is used for any of the SV items when either the elements such as accounting distribution or amount has to differ between the General Ledger accounts or if the posting is so unusual the agency does not want to set up a GL Accounting Entry for it.

Momentum 6.5 allows most transactions to reference another transaction without any liquidations or tolerance edits in order to capture unanticipated costs that can appear later in the purchasing chain. This is accomplished through miscellaneous references. This allows the user to associate prior transactions for reporting and query purposes, without reducing the referenced document's outstanding amount, and without subjecting the referencing document to tolerance edits.

[Exhibit 11-2] below shows document reference fields including the miscellaneous reference flag.

Exhibit 11-2: Document Reference Fields



This enhancement will expand the miscellaneous reference capabilities in Pegasys to also include the SV and JV and includes the following:

1. Modify SV to allow a miscellaneous reference to all transactions processed via document processing (where appropriate) – currently not supported: NV – Internal Voucher, II – Itemized Match Invoice, CX – Disbursement Cancellation, FA – Acquisition, FC – Correction, FB – Betterment, FM – Manual Depreciation, FT – Transfer, and FD – Disposal.
2. Modify JV to allow a miscellaneous reference to all transactions processed via document processing (where appropriate) – currently not supported: NV – Internal Voucher, II – Itemized Match Invoice, CX – Disbursement Cancellation, FA – Acquisition, FC – Correction, FB – Betterment, FM – Manual Depreciation, FT – Transfer, and FD – Disposal.

11.3 Configurable Problem Definition Control Level

The Configurable Problem Definition Control Level enhancement modifies Problem Definitions so that GSA can modify the severity level of edits that are initially informational or overrideable to be stronger or weaker. Informational or overrideable errors (as defined by Momentum Baseline) can be either weakened or strengthened. Along with being able to change the severity level, GSA can specify a different code and message text if desired. ***[Exhibit 11-3]*** shows the configurable options when modifying Problem Definitions. However, hard errors cannot have their severity level changed, as hard errors are integral to Pegasys processing and/or ensure that data integrity is not compromised.

Specifically, with this item an informational error can be modified to:

1. Require an override
2. Be a hard error
3. Not be returned at all

Specifically, with this item, an overrideable error can be modified to:

1. Require an override
2. Be a hard error
3. Not be returned at all

However, hard errors cannot have their severity level changed, as hard errors are integral to Pegasys processing and/or ensure that data integrity is not compromised.

Additionally, new fields such as Category, Description, and an Agency Configured flag, are added to help GSA find and/or understand Problem Definitions better. These new fields are available when searching for overrideable Problem Definitions from Security Roles as shown in

[Exhibit 11-4]. For example, categories can be used to group overrideable messages that are often associated with a particular type of role.

Exhibit 11-3: Problem Definition Query

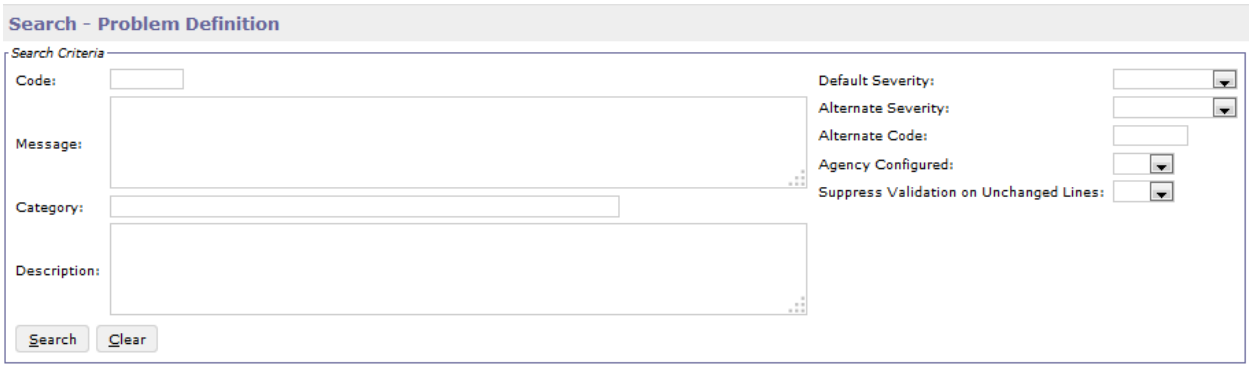
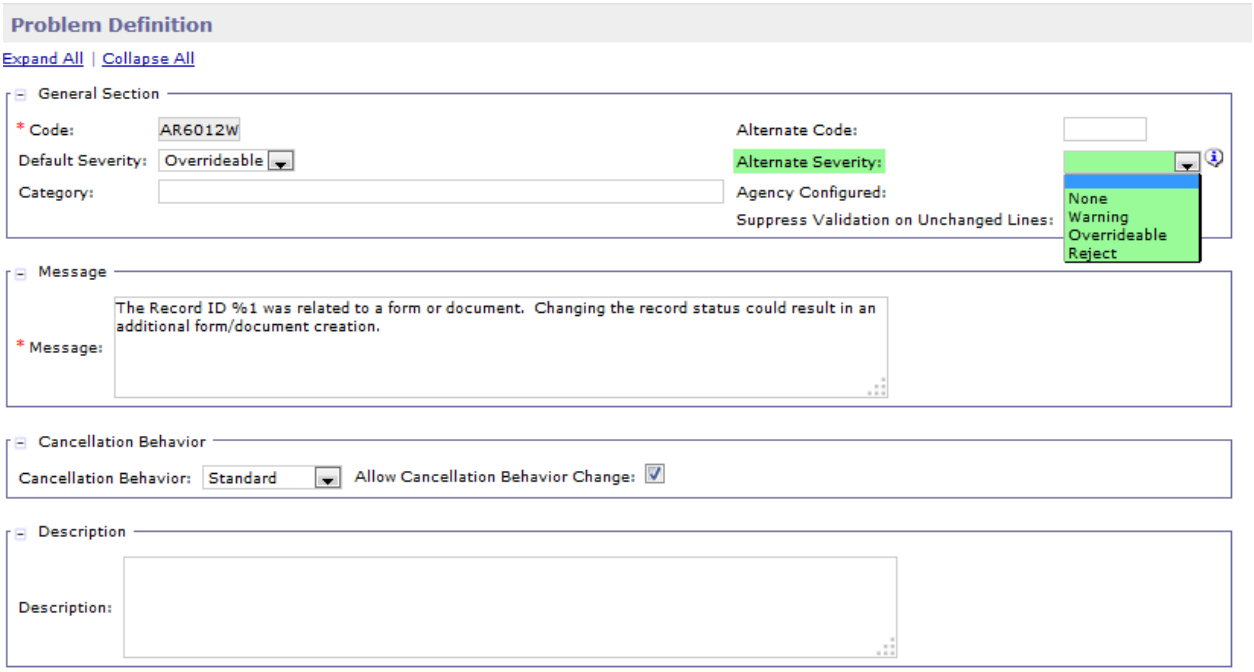


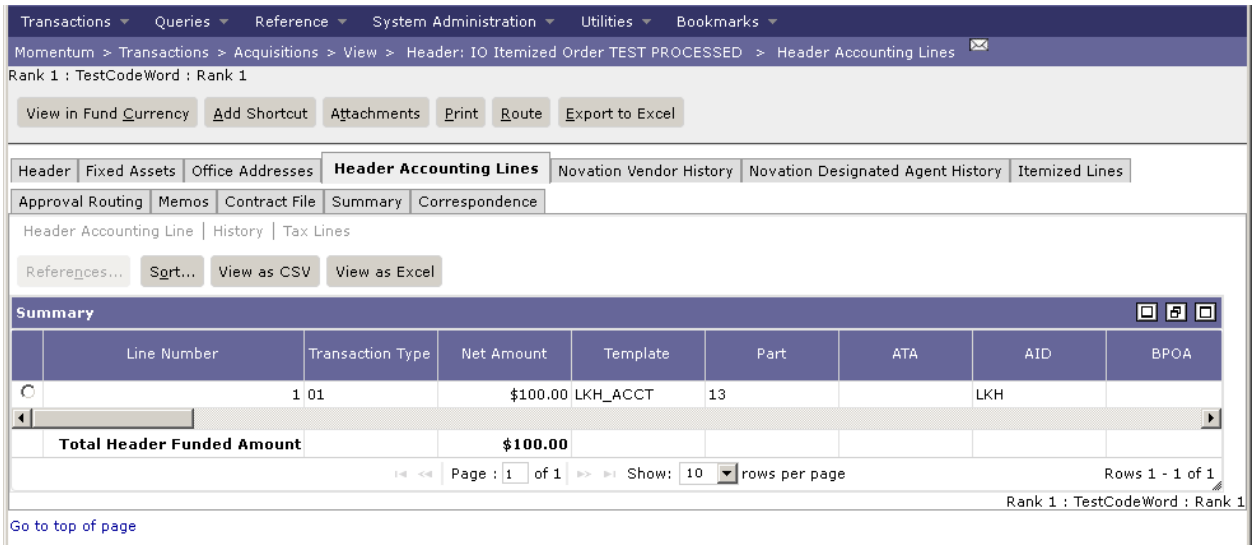
Exhibit 11-4: Problem Definition Query Maintenance Table



11.4 Fund and Cost Total on Lines

With the Fund and Cost Total on Lines enhancement, GSA will have the ability to view the Total Funded Amount and Total Cost Amount at the line level of the page (in addition to showing totals at the header) as shown in ***[Exhibit 11-5]***. The transaction's total header funding and total cost/itemized funding will be available from the Header Accounting Lines, Itemized Lines, and Itemized Accounting Line pages. The Funded Amount and Cost Amount will also be displayed on the Summary tab to allow users to use a single tab to review the impact of all lines of the transaction.

Exhibit 11-5: Line Level Total Funded Amount



11.5 Modify Prevent New Spending Logic

In business, there arises the need for an agency to change the vendors with whom it does business. For example purposes we will state that Agency A has decided to no longer do business with Vendor XYZ and will not use them as a vendor on future orders. Agency A will classify Vendor XYZ to Prevent New Spending (PNS), which will prevent any new spending occurring with this vendor. However, because Agency A has outstanding orders for Vendor XYZ, they must be able to complete the normal activities on those orders. The PNS/Prevent New Use (PNU) edits are currently only triggered on the creation of a transaction that doesn't have a document reference. This existing functionality will allow transactions to be processed with Vendor XYZ marked PNS with a document reference entered on the transaction, even if the referenced document was for a different vendor or if the referencing document increases the line amount. These edits apply to the Vendor marked PNS and the Fund Code, and Accounting Dimensions marked PNU. The error triggered on the transaction is a hard error and prevents the user from overriding the error.

This enhancement will modify the logic for what is considered "New Spending" and "New Use" to account for new or additional spending on transactions with document references. The modifications to the logic and edits associated with the logic will be consistent for the Vendor, Fund, and Dimensions. To correctly identify new spending, the logic will be modified such that including a document reference will force a check at the line level to ensure the amount will be less than or equal to the referenced document's outstanding amount, and the referenced document's Vendor, Fund, and accounting dimensions match those on the new transaction. If the system determines that new spending exists, an overridable error will be issued on the form. If the system determines that the Vendor, Fund, or accounting dimension are a not a match, the system will perform PNU/PNS logic checks and will conform to normal document referencing edits. There are three separate edits that are unique to the Fund, Vendor, and Dimension even though Momentum behavior for all three is consistent for all scenarios. This allows agencies full customization when granting override permissions. Overriding the error will permit successful processing of the transaction.

This enhancement will also modify the error level to be overridable rather than a hard error that prevents the transaction from processing. This will allow users with the appropriate permission to override the message and permit the transaction to process if desired.

In order to allow agencies to configure the Invoice (IV), Matched Invoice (II), and Travel Invoice (TI) such that prevent new spending edits are not triggered, a new flag called "Bypass Prevent New Spending" will be introduced on the Document Type table shown in ***[Exhibit 11-6]***. This option when selected will permit an IV, II, or TI to process using a Vendor, Fund, or Dimension marked PNS/PNU with no error messages displayed. If the "Bypass Prevent New Spending" is not selected on the IV, II, or TI, the transaction will process following the logic stated above.

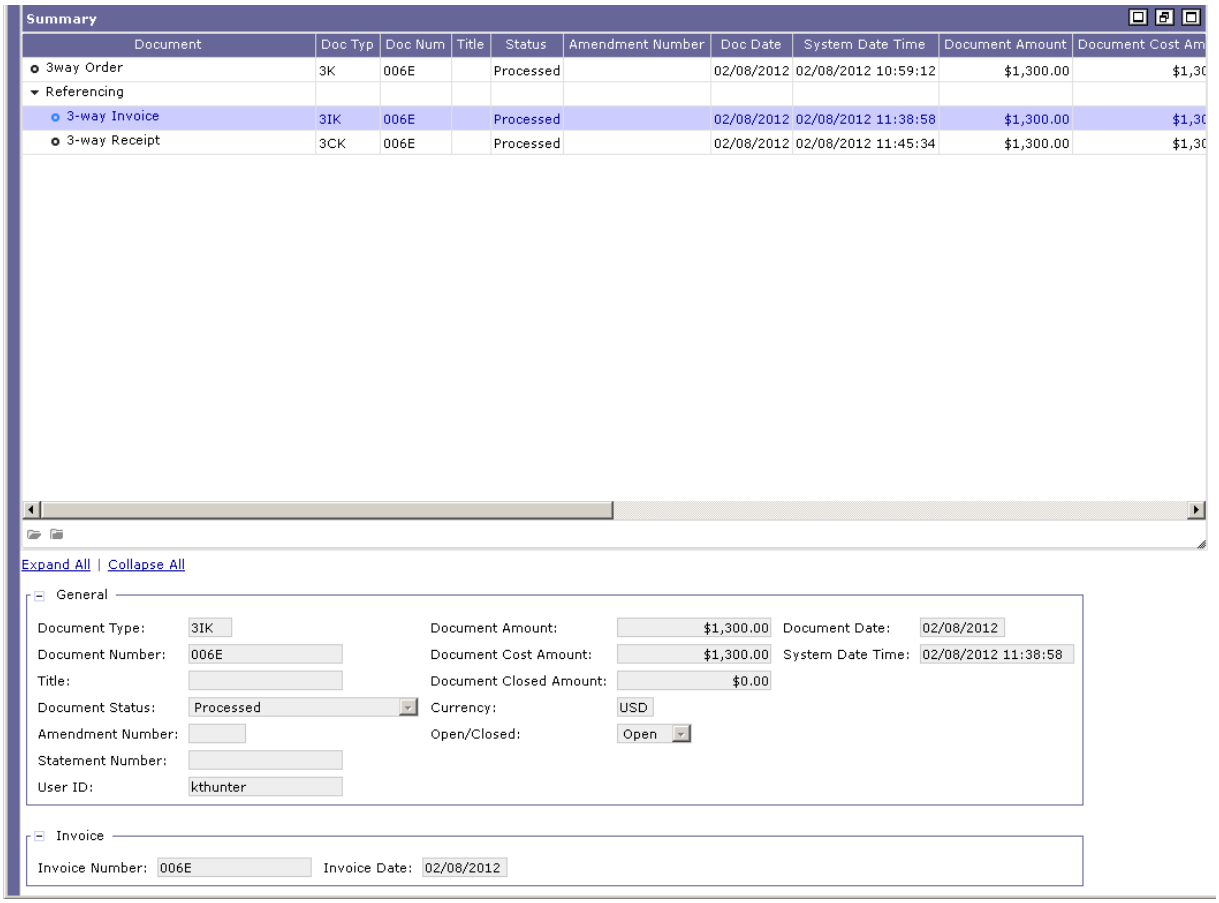
Exhibit 11-6: Bypass Prevent New Spending Parameter

In addition, the prevent new spending and prevent new use validation has been removed from the Document and Global reorganization process with this enhancement. In order to alert users if they are creating notebooks with items marked as PNU/PNS, a new edit for PNU/PNS is being added to the reorganization notebook creation.

11.6 Modified Display of the Reference Query

Pegasys 7.1.2 will display more information in the Reference query tree so that users will not have to select individual records to view details such as the Invoice Number as shown in ***[Exhibit 11-7]*** below. The Reference Query is available at the document level, the accounting line level, and the itemized line level. Previously, the tree portion of the page showed the Document Type and Number, with additional details available in the lower portion of the page upon selection of a record. With this enhancement, the additional information is available from the tree section, which can also be exported to a comma delimited (CSV) file. Additionally, new columns (e.g., System Date, Invoice Number, Invoice Date, Contract fields) have been added to the Reference query.

Exhibit 11-7: Updated Reference Query View



11.7 Propagate Component TYSM System Wide

This enhancement modifies the current GWA/STAR String Treasury Symbol to the Component Treasury Symbol structure. A portion of the transition is included in the GTAS enhancement, which will make the component pieces and labeling changes to the treasury symbol maintenance table. The component treasury symbol enhancement will enable the component structure to be pushed across all portions of the system that currently capture the treasury symbol.

The completion of this enhancement will accomplish the following objectives:

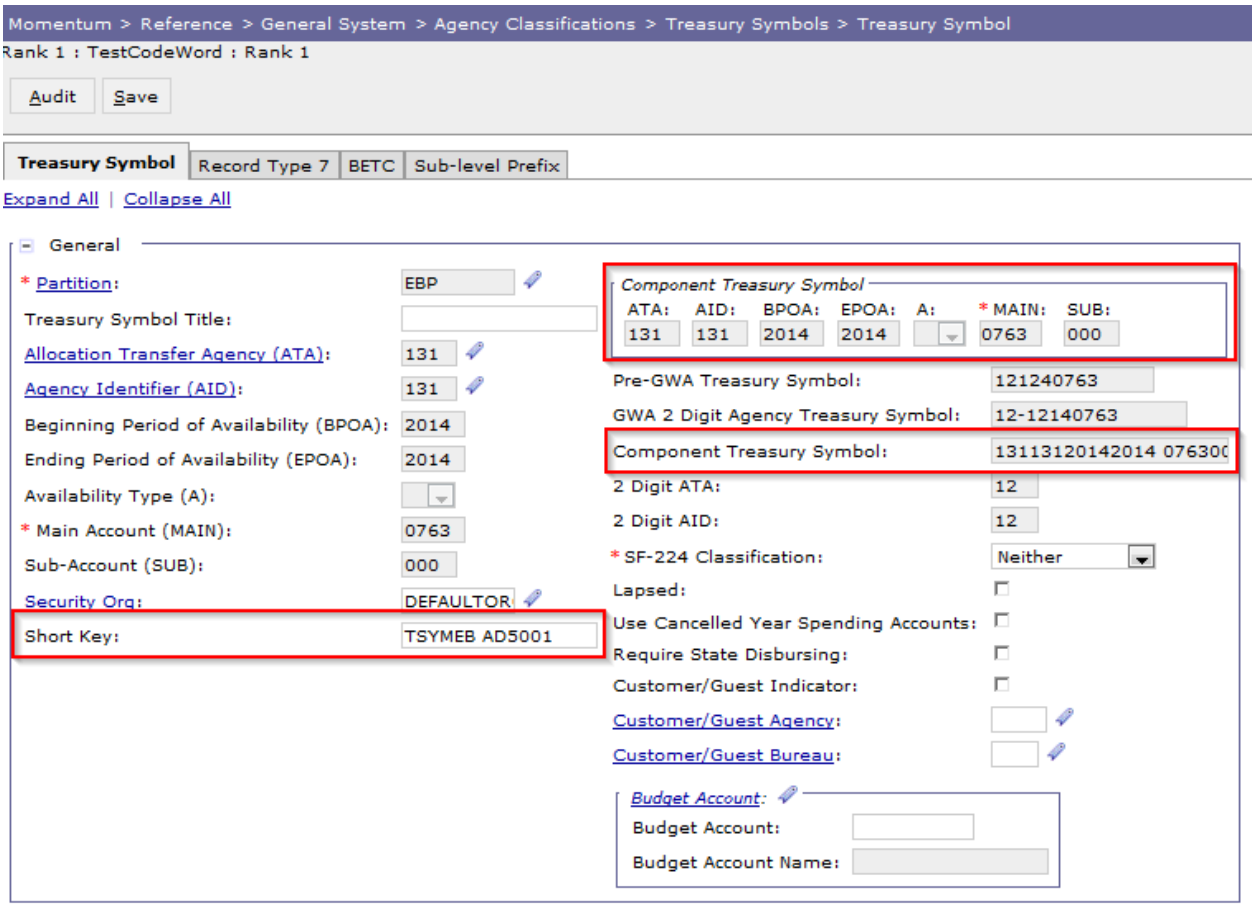
1. Allow the user to view the individual component treasury symbol in all areas where the concatenated string is currently displayed in the system.
2. Transition all reports to use the new component treasury symbol where the concatenated string is currently used as a parameter or displayed in output.
3. Allow users to define how the treasury symbol short key is created.
4. Provide type-ahead functionality to ease data entry burden for the component fields.
5. Allow users to search on any portion of the component treasury symbol for all queries that currently use the treasury symbol concatenated string as search criteria.

6. Include the component treasury symbol on all interface files that currently capture the string treasury symbol.
7. Allow users to use the treasury symbol short key throughout the system for data entry purposes.
8. Use the new component treasury symbol for all baseline integrations.
9. Add treasury symbol to the accounting strip component making it viewable in the document item collection pages.
10. Include component treasury symbol in the data warehouse.

Pegasys currently supports a treasury symbol that uses the GWA/Star String. As a result of the evolving Treasury system modernization effort, the structure of the treasury symbol is changing to the Component Treasury Symbol structure. This enhancement will enable the component structure to be pushed across all portions of the system that currently capture the treasury symbol. The areas that will be affected by this enhancement are outlined below.

Treasury Symbol Composite:
Currently, the treasury symbol is displayed as a single data entry field throughout the system. As part of this enhancement the system will use a new treasury symbol composite, which includes the treasury symbol short key in addition to individual fields for all treasury symbol component elements. All outputs, whether as part of an item collection or report output, will contain the various components of the treasury symbol and will not include the treasury symbol short key. The areas of the system affected by this change are outlined below. In ***[Exhibit 11-8]***, the Treasury Symbol Composite format is displayed on the Treasury Symbol Reference Maintenance Table.

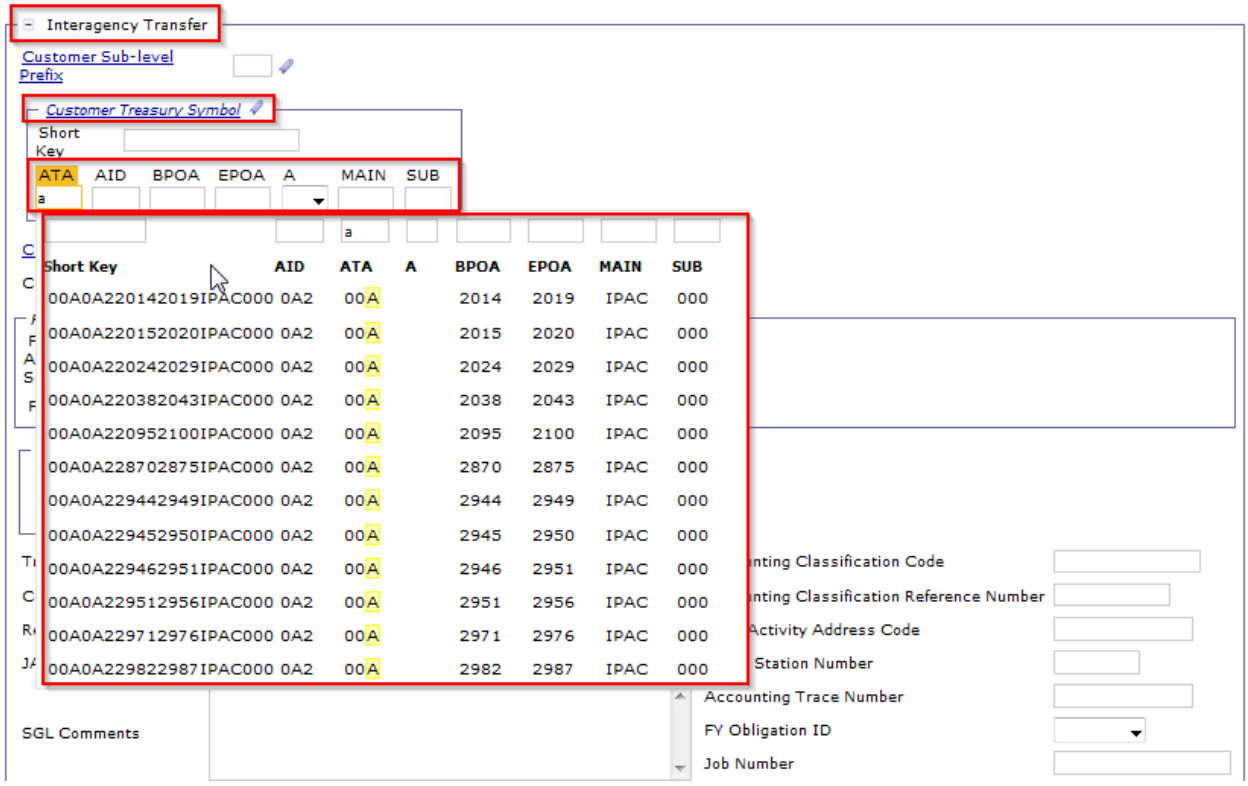
Exhibit 11-8: Treasury Symbol Reference Table – Composite TYSM Format



Form and Document Tables:

A Treasury Symbol composite will be created to allow the users to view and enter treasury symbol information (Allocation Transfer Agency, Agency Identifier, Beginning Period of Availability, Ending Period of Availability, Available Type, and Main Account Code). This relates to the transfer treasury symbol and customer treasury symbol fields that are directly entered on transactions. When entering a Treasury Symbol, ***[Exhibit 11-9]*** demonstrates type-ahead functionality that enables faster and more efficient search/entry.

Exhibit 11-9: Document Component TYSM Entry with Type-Ahead Functionality

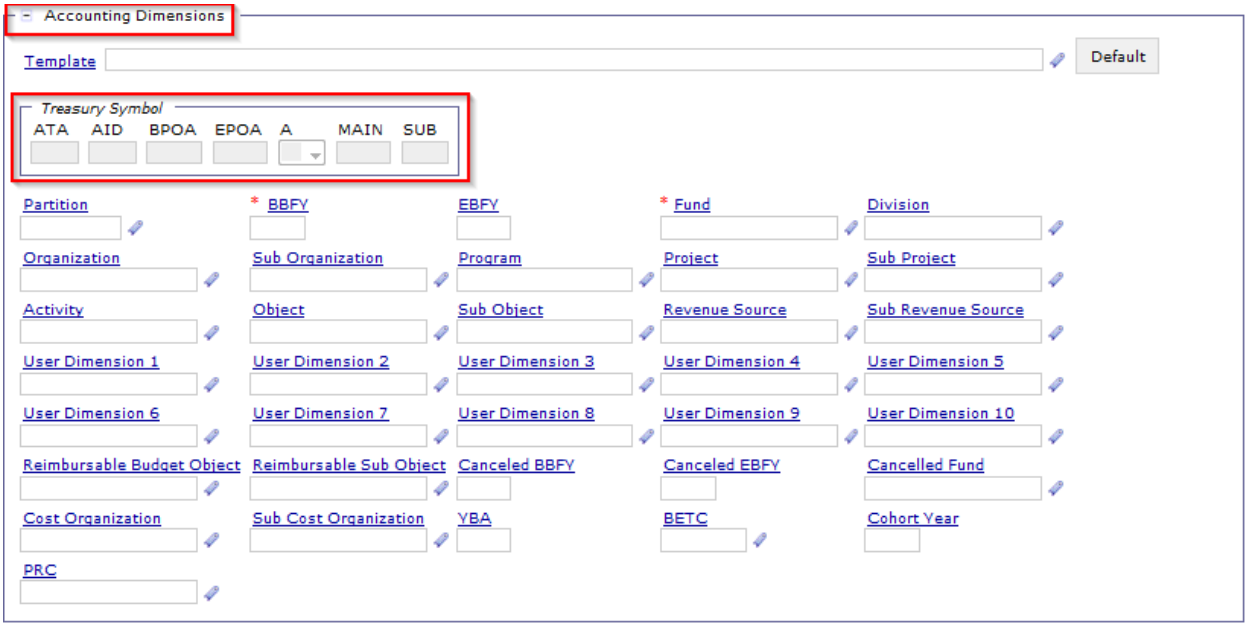


Additionally, view only fields will be visible on the item collections for header accounting lines and itemized funding lines. The component treasury symbol fields will not be editable and will be inferred from the fund specified on the funding line.

Reference Tables:
There will be several reference tables that will be modified for this enhancement. Primarily the changes will only modify the display to use the composite that is described above. However, in addition to the display changes throughout the system, this enhancement will introduce a treasury symbol short key format table.

Queries:
Queries will contain the new treasury symbol composite if the existing parameter allowed searching on treasury symbol, customer treasury symbol or transfer treasury symbol. The item collections will not show the short key and will only show the component pieces. Many of the queries contain accounting strip components to include fund. The treasury symbol composite is being added to the accounting strip component in many areas (documents and forms) but will not be available as search parameters in instances where the treasury symbol, customer treasury symbol or transfer treasury symbol are not currently visible. Additionally, on result screens where the accounting strip component is displayed, the new treasury symbol composite will be viewable.

Exhibit 11-10: Component TYSM Inclusion in Accounting Strip



Reports:
Reports will need to be modified in a similar manner as the queries. All reports that allow users to establish treasury symbol as a search parameter will need to be modified to use the new treasury symbol composite to include both the short key and treasury symbol components. Additionally, any report that includes treasury symbol, customer treasury symbol or transfer treasury symbol in the report output will need to be modified to include the new component elements. All reports will use the short labels for the treasury symbol components as the column headers.

Batch Jobs:
In the same manner as Reports, batch jobs will need to be modified for batch jobs that use treasury symbol as a parameter or use treasury symbol within the logic/results of the batch job. Batch jobs that include treasury symbol as a parameter will need to be modified to include the component pieces instead of the treasury symbol. Additionally, there will also be several jobs that either write the treasury symbol to a file or database table, or read it from a database table or file. These jobs will need to be modified to handle the new format.

In addition the 224 batch job will be modified to comply with the new CTA 224 format. The FBWT processes will also be modified to allow downloading files that use the component treasury symbol structure.

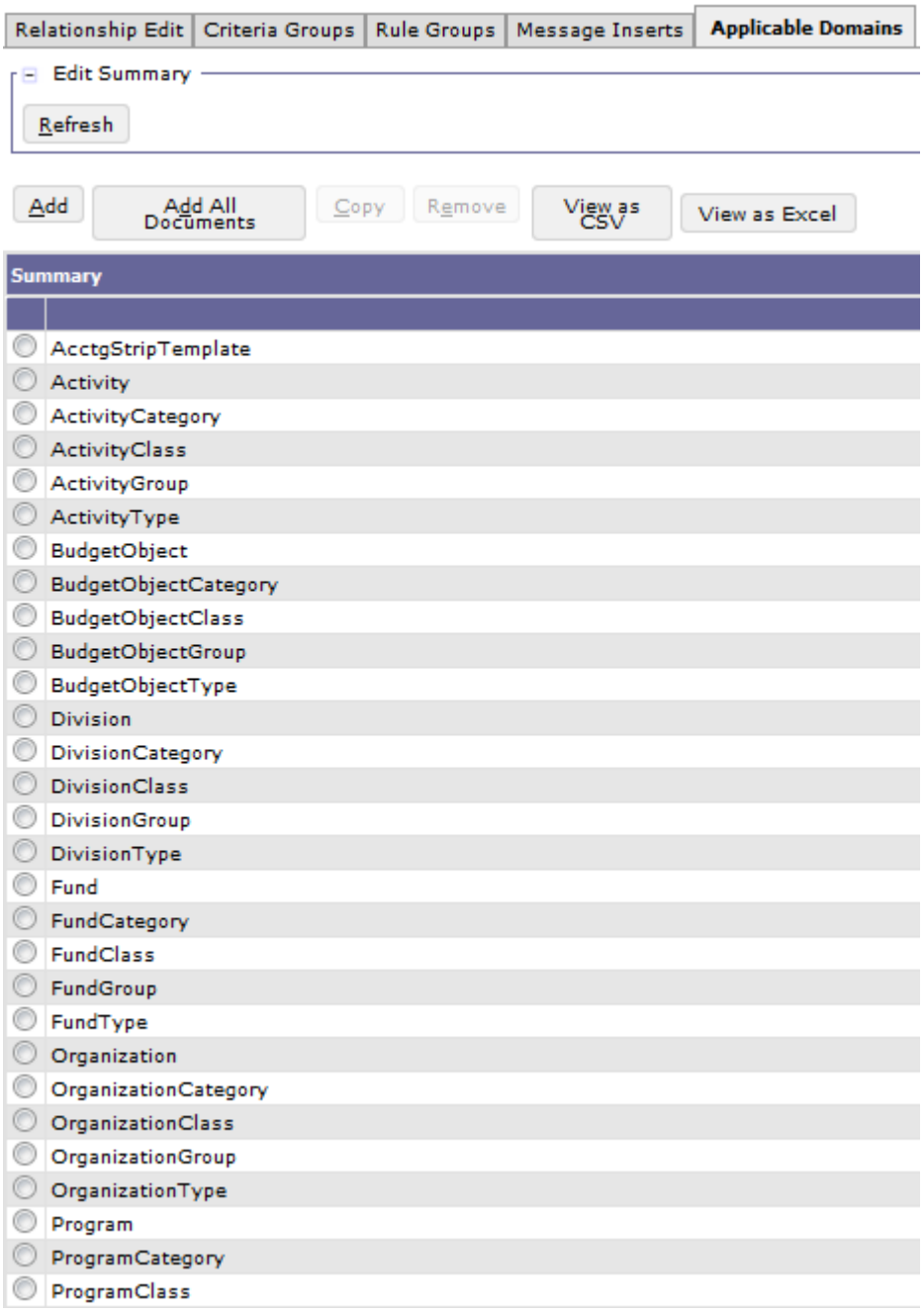
VCSS:
Vendor-Customer Self Service has several fields (Treasury Symbol, Customer Treasury Symbol, and Transfer Treasury Symbol) that will be updated to comply with the Component Treasury Symbol structure.

11.8 Relationship Edits on Dimension and Vendor Reference Tables

Pegasys 7.1.2 has been modified to expand the existing Relationship Edit functionality by adding the capability to configure the triggers for edits for reference data creation and modification, including the Accounting Dimension and Vendor reference tables, the Vendor form, the Accounting Template, and for the Dimension and Vendor rollups. Prior to this enhancement, relationship edits could only be configured to be invoked when verifying transaction forms. This enhancement allows for the enforcement of relationship edits when creating or updating reference data. For example, GSA can configure a Relationship Edit that requires the configuration of a combination of rollups on an Account Dimension code, such as requiring a certain Fund Group along with a certain Fund Type. ***[Exhibit 11-11]*** below shows the applicable domains, including the items added as part of this enhancement, that are configurable for relationship edits.

Additionally, the system allows GSA to associate unique Problem Definition codes with Relationship Edits. Since Relationship Edits provide a very robust configuration option, GSA can create its own specialized Relationship Edits by associating a unique Problem Definition code for tracking purposes. Being able to associate Problem Definition codes to Relationship Edits could be especially beneficial with override-level Relationship Edits. By allowing for the specification of a Problem Definition code, GSA can take advantage of configuring security roles to override selected Relationship Edits.

Exhibit 11-11: Relationship Edit Maintenance Table – Applicable Domains



11.9 Rich Type Ahead

The Rich Type Ahead enhancement will allow for a more efficient means of searching for and selecting key reference data by introducing a new type ahead feature on several commonly used reference fields. The type ahead feature will allow users to enter text into a field triggering a dynamic search window, which will display resulting records containing the entered text in that field. From the results window users will be able to select the appropriate record which will then populate the necessary reference data.

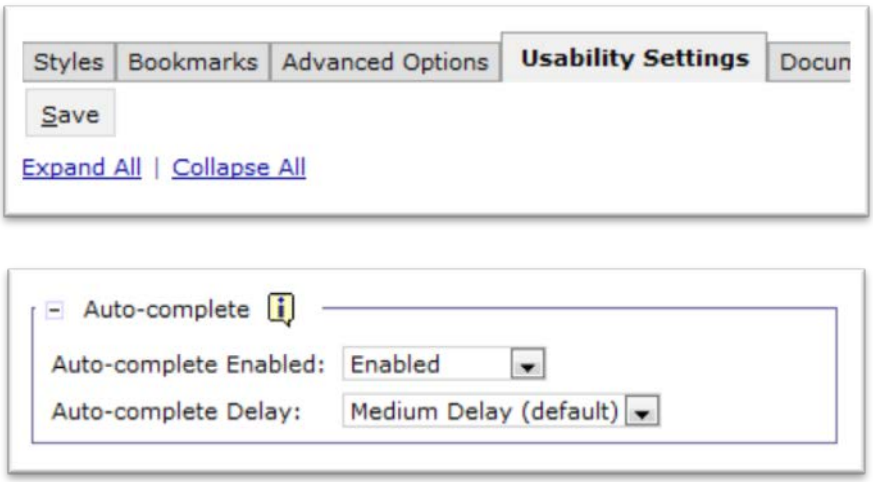
This enhancement introduces type ahead functionality to Vendor Code, Vendor DUNS, Vendor Name, Commodity Code, Commodity Name, PSC, NAICS, SIC Accounting Dimensions and Accounting Templates system wide. Accounting Dimensions include: BBFY, EBFY. Fund, Division, Organization, Sub Organization, Program, Project, Sub Project, Activity, Object, Sub Object, User Dimensions 1-10, Cancelled Fund, Cost Organization, Sub Cost Organization, BETC, PRC Cancelled BBFY, Cancelled EBFY. The following dimensions fields will not have type ahead enabled: YBA, Cohort Year.

When enough text is entered into a type ahead enabled field to trigger type ahead, then a results window will appear showing a limited number of matching records from the reference table. The result records can then be further filtered by continuing to enter additional text in the

current field or any of the other displayed results columns. Since the number of matching records will often exceed the amount of displayed records, continuing to enter text into the type ahead field or entering additional filters will often change the result records shown. Matching text within the result records will be highlighted to help the user quickly locate the matched text.

A user can then choose a record from the type ahead result box by highlighting it and selecting it. The data pulled back from the record will depend on the field type and will match current paradigms. For example, if currently selecting a record populates multiple fields (e.g., Partition, BBFY, EBFY, and Fund) or a single field (e.g., Accounting Template), that functionality will remain.

Exhibit 11-12: Rich Type Ahead – Sample Screenshot

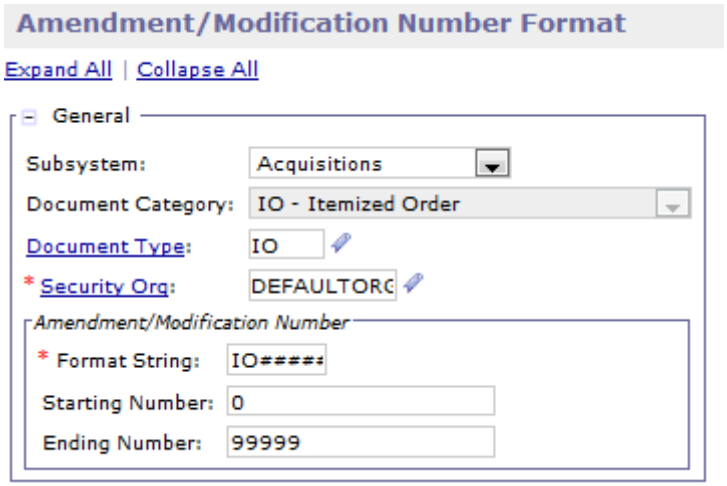


11.10 Sequential Amendment Number Generation Improvement

The Sequential Amendment Number Generation Improvement enhances the generation of amendment numbers. Current Pegasys functionality allows GSA to configure different formats for Amendment Number based on Document Category or Document Type as shown in ***[Exhibit 11-13]*** below and then automatically generates the appropriate number when the amendment form is created. This enhancement changes the Amendment Number generation logic to increment the Amendment Number from the last saved form rather than from the last generated number. Thus, GSA can re-use a generated sequence when an Amendment Number is generated on a created form, but the form is not actually saved, or the form is saved but then deleted.

If the particular Document Type is configured on the Document type maintenance table with Generate Amendment/Modification Numbers set to “Yes” or “Ediatble Required”, then the user can change the Amendment Number value from the system-generated value. However, the user may not change the value to that of an already-existing Amendment Number for that Document Number. If the particular Document Type is configured on the Document type maintenance table with Generate Amendment/Modification Numbers set “Required Protected”, then the field is protected from editing and the user may not change the system-generated Amendment Number value.

Exhibit 11-13: Amendment/Modification Number Format Maintenance Table



11.11 Suppress Validation of Unchanged Lines

Pegasys 7.1.2 includes modifications to bypass certain validations for header, accounting, and itemized lines (whether through a batch job or through manual creation via the user interface) that have not been changed on the correction or amendment. In addition to those edits that are suppressed out-of-the-box for unchanged lines, GSA may choose to configure additional edits to not be encountered for those edits that are not of relevance to GSA's business process. This configurability reduces the number of errors users need to assess when performing corrections/amendments by having Pegasys automatically filter out those that are not relevant to the action being performed. The suppress validation flag (SUPP_PBLM_FL) has been added to the problem definition table (MF_PBLM_DEF) which stores error codes used by the Pegasys application. The field has been added to the result set as well as the search criteria (shown in ***[Exhibit 11-14] and [Exhibit 11-15]*** below).

GSA will be able to suppress error messages and successfully process a correction or amendment even if an unchanged piece of data is no longer valid (e.g., a reference data has an expired end date). This configurability reduces the number of errors GSA needs to assess when performing corrections/amendments by having Pegasys automatically filter out those that are not relevant to the action being performed, thus reducing the number of steps needed to process a correction or amendment and achieving time efficiencies.

Exhibit 11-14: Suppress Validation on Unchanged Lines Flag on Problem Definition Record

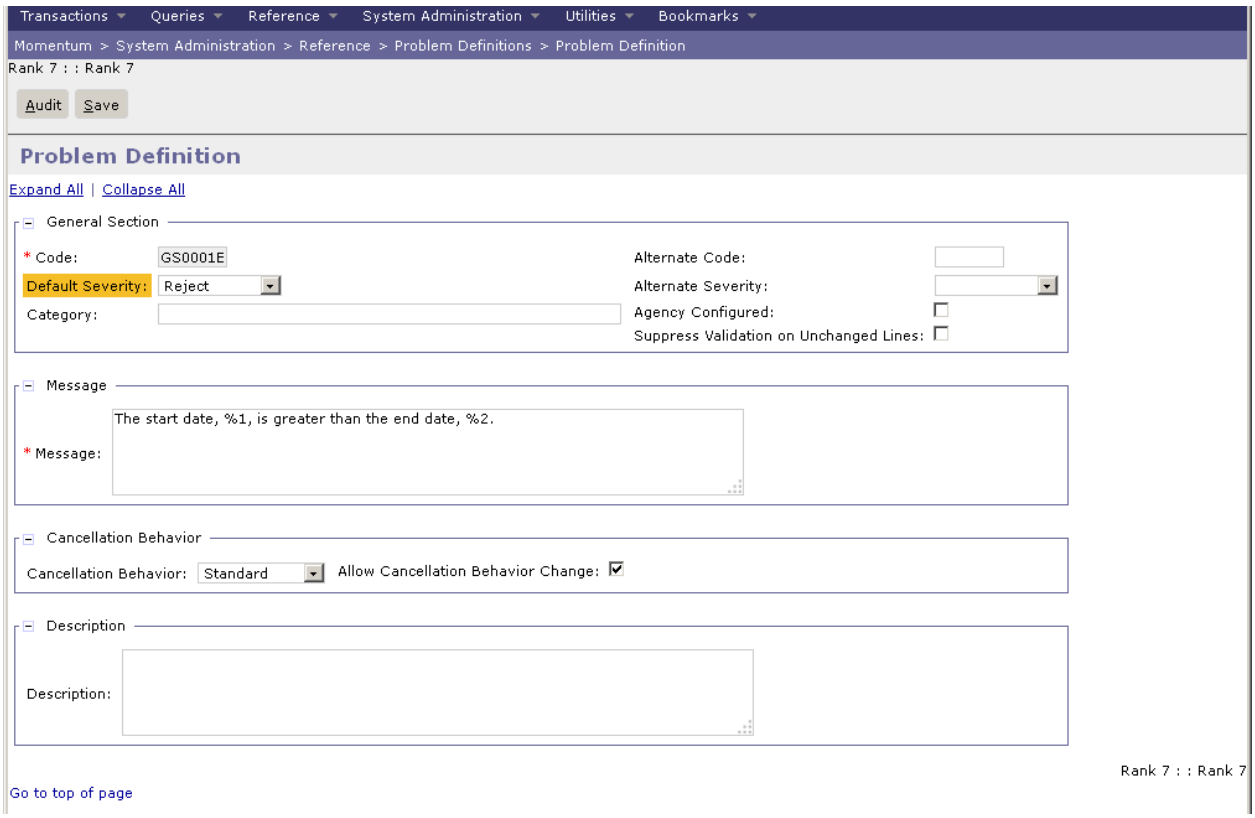
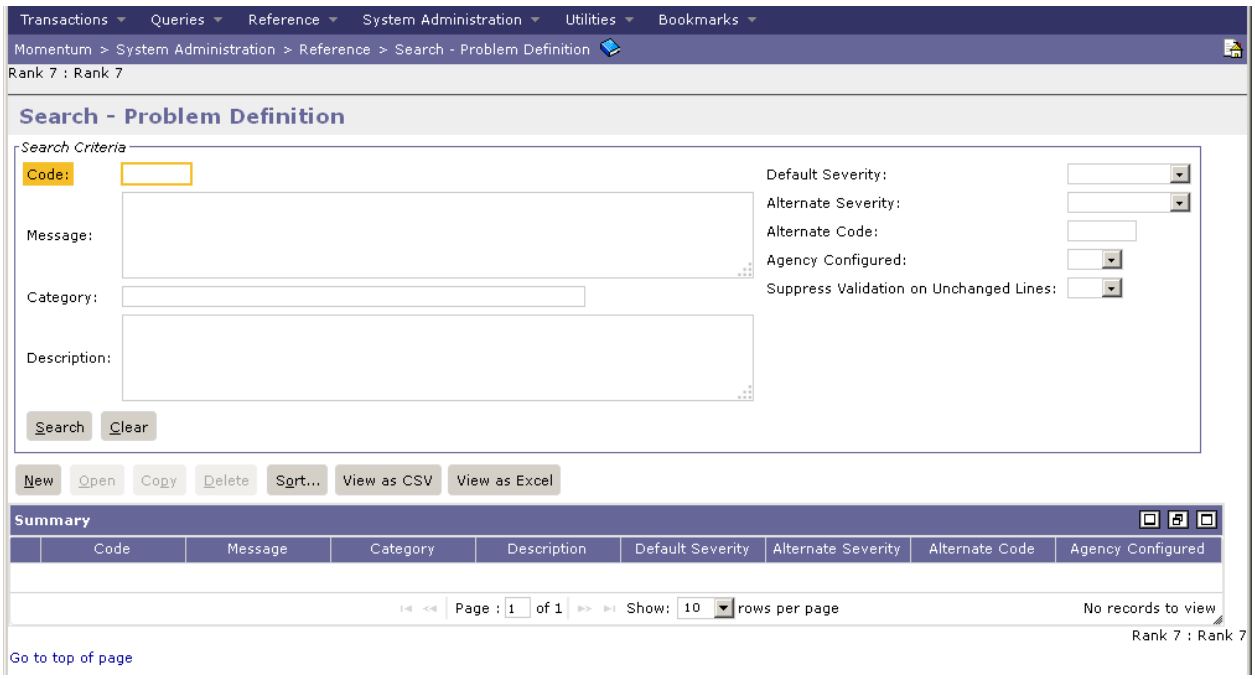


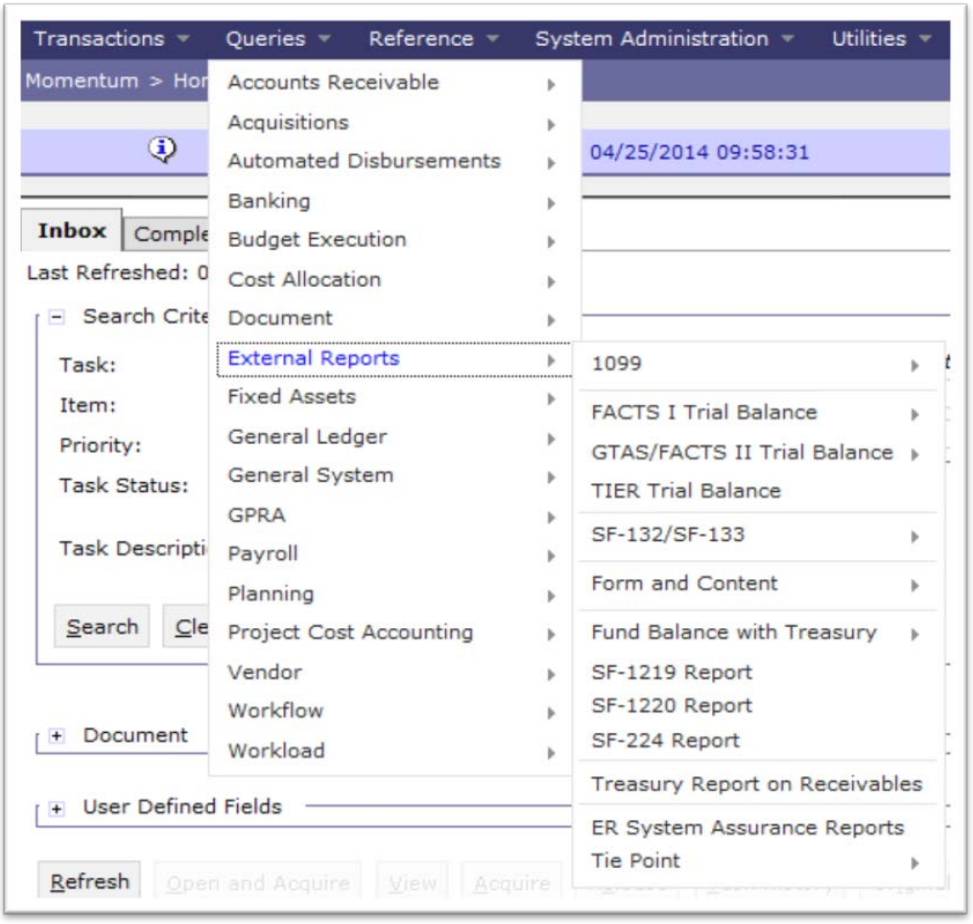
Exhibit 11-15: Suppress Validation on Unchanged Lines Added to Problem Definition Search Criteria



11.12 User Interface Improvements for Menus

Pegasys Upgrade software provides menu usability improvements in the Queries and Reference menus, by grouping items more logically and using submenus more often. An example of grouping is within Reference, for modules that have an Options table, that table is at the top of the list. An example of submenus is within Reference for General Systems, where there are submenus for Address Components (i.e., States, Zip Codes, Countries) and Agency Classification (e.g., Agencies, Bureaus, ALCs), so that it is easier to see contents without scrolling. Another example of using submenus more effectively is the restructuring of External Reports with the Queries menu: where there had been so many levels of submenus that they were hard to work with, the use of submenus provides logical grouping without requiring navigation through as many menu levels.

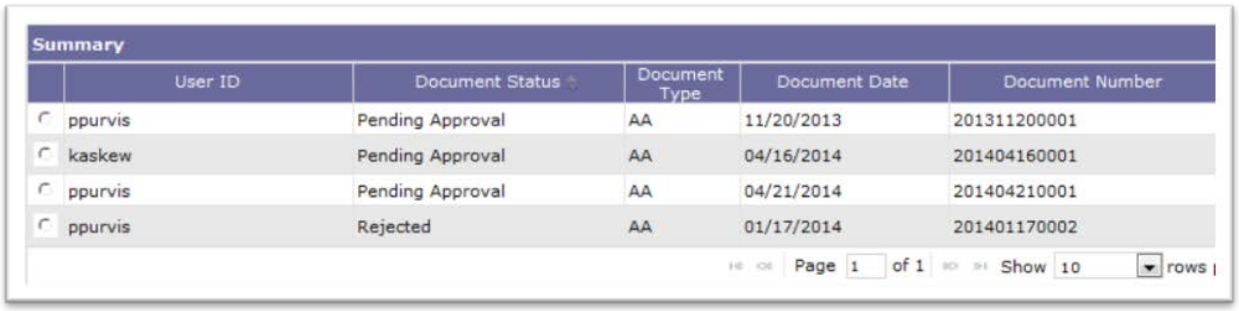
Exhibit 11-16: Menu Improvements – Sample Screenshot



11.13 User Interface Improvements for Results Sets

Pegasys Upgrade software continues to roll out the new feature-rich style of presenting a collection of results (i.e., item collection). The new features include the ability to move and resize columns, sort search results based on multiple columns, arrange in sequence, view a larger volume of results, and view search results in CSV so that search results may be exported externally to such applications as Microsoft Excel. While the new look had been present on the Summary page of transactions and within Vendor and Credit Card modules in previous releases, the new style is available throughout the system in the 7.1.2 release for Pegasys, Central Contractor Registration Connector, and Vendor Self Service.

Exhibit 11-17: User Interface Improvements –Sample Screenshot



Summary

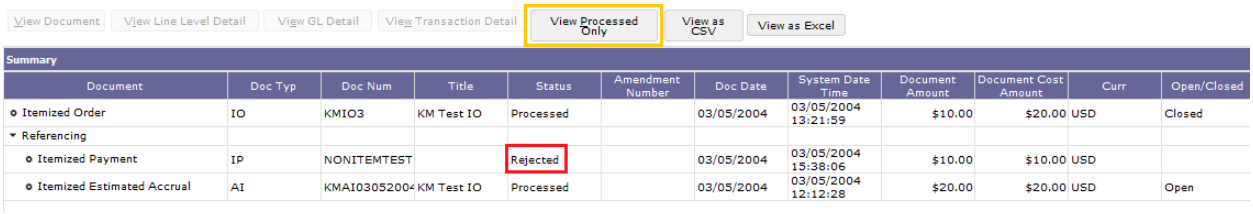
	User ID	Document Status	Document Type	Document Date	Document Number
○	ppurvis	Pending Approval	AA	11/20/2013	201311200001
○	kaskew	Pending Approval	AA	04/16/2014	201404160001
○	ppurvis	Pending Approval	AA	04/21/2014	201404210001
○	ppurvis	Rejected	AA	01/17/2014	201401170002

Page 1 of 1 Show 10 rows

11.14 View Unprocessed Transactions Added to the Reference Query

The View Unprocessed Transactions Added to Reference Query enhancements provides GSA with the ability to view unprocessed transactions in the Reference Query if desired. This functionality is provided as a configurable system setting so that if GSA prefers the current model of viewing only processed transactions in the Reference Query, GSA can configure Pegasys to utilize the existing functionality. In the case where Pegasys is configured to use this enhancement, GSA users could see from a processed transaction's Reference Query that there is an unprocessed form referencing it. In addition, if GSA chooses to allow unprocessed transactions to be shown in the Reference Query, GSA users would still have the option to toggle between showing all transactions in all states or to only show processed documents. ***[Exhibit 11-18, Exhibit 11-19]*** below show the two user views, "View All Statuses" and "View Processed Only".

Exhibit 11-18: Reference Query – View All Statuses

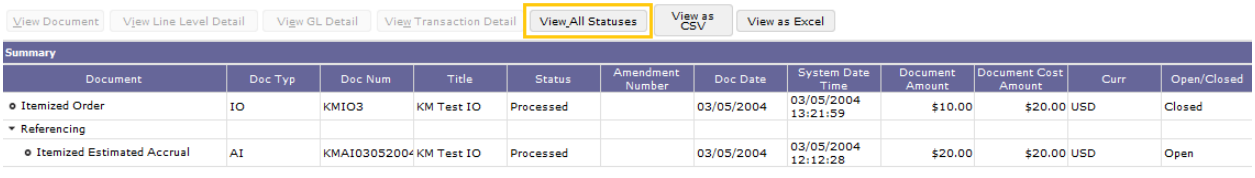


View Document | View Line Level Detail | View GL Detail | View Transaction Detail | View Processed Only | View as CSV | View as Excel

Summary

Document	Doc Typ	Doc Num	Title	Status	Amendment Number	Doc Date	System Date Time	Document Amount	Document Cost Amount	Curr	Open/Closed
Itemized Order	IO	KMIO3	KM Test IO	Processed		03/05/2004	03/05/2004 13:21:59	$10.00	$20.00	USD	Closed
Referencing											
Itemized Payment	IP	NONITEMTEST		Rejected		03/05/2004	03/05/2004 15:38:06	$10.00	$10.00	USD	
Itemized Estimated Accrual	AI	KMAI03052004	KM Test IO	Processed		03/05/2004	03/05/2004 12:12:28	$20.00	$20.00	USD	Open

Exhibit 11-19: Reference Query – View Processed Only Statuses



View Document | View Line Level Detail | View GL Detail | View Transaction Detail | View All Statuses | View as CSV | View as Excel

Summary

Document	Doc Typ	Doc Num	Title	Status	Amendment Number	Doc Date	System Date Time	Document Amount	Document Cost Amount	Curr	Open/Closed
Itemized Order	IO	KMIO3	KM Test IO	Processed		03/05/2004	03/05/2004 13:21:59	$10.00	$20.00	USD	Closed
Referencing											
Itemized Estimated Accrual	AI	KMAI03052004	KM Test IO	Processed		03/05/2004	03/05/2004 12:12:28	$20.00	$20.00	USD	Open

12 IPAC: Modify IPAC Functionality Enhancement

Momentum Release 7.1.2 enhanced IPAC Accounts Receivable and Accounts Payable functionality by making the existing functionality more flexible. Pegasys will continue to use data received from IPAC via the IPAC Inbound Batch process (GSIPACIN) to automatically create payment and collection transactions from the IPAC Accomplishment report. As in previous releases, the system will create payments for funds that have been "pulled" from another agency via IPAC and will create collections for funds that have been "pushed" to the agency from another agency (or Treasury via IPAC). However, agencies often receive transactions from the Treasury's IPAC system with inaccurate or missing data, which makes an automatic reconciliation difficult. Previously, the transactions received in Pegasys from IPAC could not be modified. Release 7.1.2 introduces the capability to make select modifications to these transactions. This enhancement will facilitate manual reconciliation of IPAC transactions by providing the following functionality.

For Accounts Payable, users are given more flexibility to manually manipulate the information on "pulled" payments, which improves the manual reconciliation ability for these IPAC transactions from another agency. For example, an agency may pull one lump sum of money from another agency, which the IPAC Inbound process then uses to create a payment that does not reference another document. With this enhancement, this payment can be manually corrected by the user as part of the reconciliation process to match it to and liquidate a prior obligation (if applicable) to add a reference document (for example, an obligation) to the line, or to reduce the amount of the line and add a subsequent line(s) that references additional document(s) with the same vendor. Previously, additional documents were created by agency users (manually) to make such corrections. New 7.1.2 functionality allows items to be modified on the document such as a vendor, accounting dimensions, and non-IPAC information, if needed, without having to create a new payment. As a result, a "Modified" flag for the IPAC Transaction query and a "Modified External Document" flag for Cash Receipts and Payments were added to easily indicate when the document or form, created via the IPAC interface, has been modified by agency users.

For Accounts Receivable, users are given more flexibility to manually manipulate the information on "pushed" collections, which improves the manual reconciliation ability for these IPAC transactions from another agency. For example, an agency may push another agency one lump sum of money, creating a collection that does not reference another document. With this enhancement, this collection can be manually corrected by the user as part of the reconciliation process to match it to and liquidate a prior bill (if applicable) to add a reference document (for example, a non IPAC Bill) to the line, or to reduce the amount of the line and add a subsequent line(s) that references additional document(s) with the same vendor. Previously, additional documents were created to make such corrections. New 7.1.2 functionality allows other items to be modified on the document such as a vendor, accounting dimensions, and non-IPAC information, if needed, without having to create a new collection. As a result a "Modified" flag for the IPAC Transaction query and a "Modified External Document" flag for Cash Receipts and Payments have been added to indicate when the document or form, created via the IPAC interface, has been modified.

Specific changes to transactions:

- IPAC Cash Receipts (CR) and Payment Authorizations (IP) that meet the following criteria can be modified before or after processing:
    - IPAC Push Payments/Pull Payments: These are IPAC CRs and IPAC IPs that have an IPAC Status of “Received”.
        - The correction logic to IPAC CRs and IPAC IPs with an IPAC status of “Confirmed” has not changed.
        - The “Received” IPAC Transactions (Push and Pull Payments described above) are NOT referencing another IPAC Transaction, meaning the logic for adjustments that the agency receives for IPAC Transactions that they initiate has not changed. For example, in a chain consisting of an IPAC BD=>IPAC CR (IPAC Status of Confirmed)=>IPAC CR Debit Voucher (IPAC Status of Received), the CR Debit Voucher is the adjustment and will have an IPAC Status of Received. The logic to correct either of these CRs in this scenario has not changed. The same would apply for an IPAC IP (Confirmed)=>IPAC CR Payment Adjustment (Received).
    - Adjustments to the push payments/pull payments: these are transactions that the initiating agency adjusts after the CR/IP has been received by GSA. These adjustments are referencing the “Received” Push CR and Pull IP as described in the first bullet above, but are not the adjustments described in the second sub-bullet.
    - All other transaction logic has not been changed.
    - IPAC Push/Pull Payments with an IPAC status of “Pending” are also able to be modified. A subset of test scenarios has been specifically designated to test the capability to perform modifications to Held/Pending IPAC transactions.

- Several edits will be lifted to enable correction upon receiving the transaction or after processing, including:
    - The vendor, reference document, amounts and other information on the transaction will be correctable.
        - Updates will not be reflected on the IPAC Transaction Query as the updates were not received via IPAC.
        - Baseline designed the IPAC Transaction Query to only capture transaction information directly transmitted through the IPAC Inbound and IPAC Outbound processes. Any external modifications (changes that do not come directly through IPAC) will not appear on the query. A flag has been added to the IPAC Transaction Query titled "Modified External Document." This flag may be used to identify transactions that have potentially been modified.
    - As previously noted, lifted edits apply to “push” and “pull” payments only as well as the adjustments of these push and pull transactions only.

- A new field called the “External System Amount” will be added to the CR and IP header to track the amount of the transaction as recorded in the IPAC File. For multiple documents or documents split by the inbound process, this field will track the document amount that was created by the IPAC process. For example, if a multiple document statement is paid via IPAC, each CR will have an External System amount that equals the total amount of all accounting lines on the document originally created by the IPAC process, the total IPAC file amount.

- A new flag called “Modified External Document” on the CR and IP accounting line/itemized funding line (IP only) and document header will be set if the user changes the dollar amount on accounting lines/itemized funding lines from what was received via IPAC. The system will determine when to set this flag by comparing to the form or document’s corresponding IPAC Transaction record. The system will return a hard error should the amount be increased over the External System Amount, in other words if the amount is increased to greater than the IPAC’d amount. The system will return an overrideable error if the corrected amount is less.

- The documents that meet the “Received” criteria above will be able to be cancelled (following existing Pegasys rules, if the document is being referenced by another it cannot be cancelled).

- A new flag called “Sender Initiated Adjustment” will be added to the CR article. ***[Exhibits 12-1 – 12-5]*** display the updates to the IP and CR documents.

Exhibit 12-1: IP Header – Modified External Document Flag and External System Amount Field

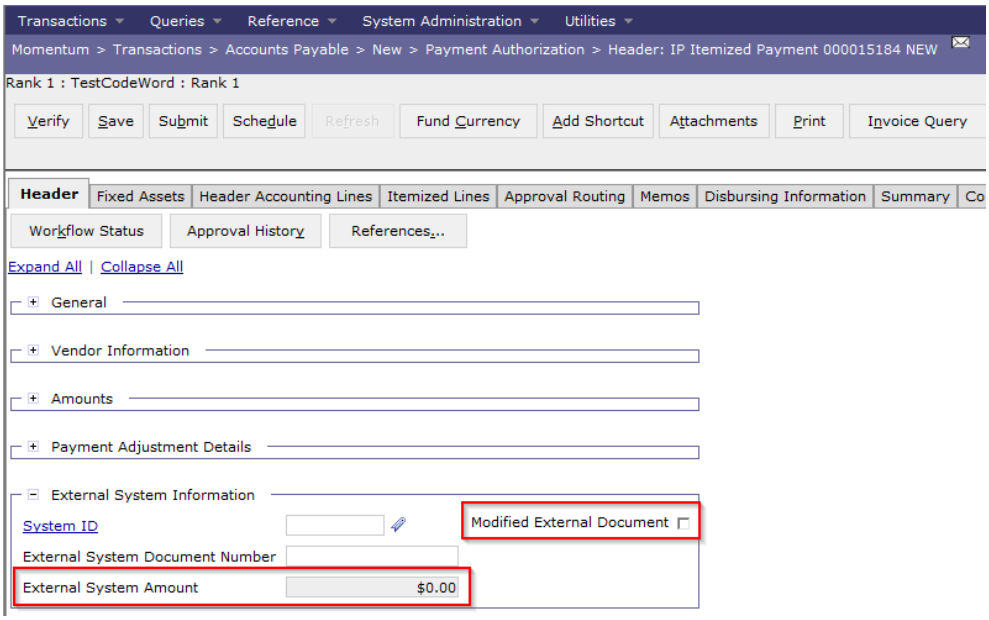


Exhibit 12-2: IP Accounting Line – Modified External Document Flag

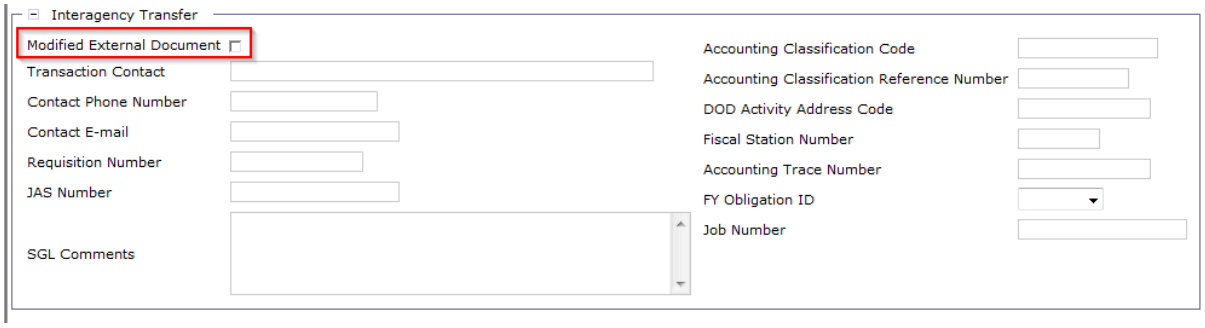


Exhibit 12-3: CR Header – Modified External Document Flag and External System Amount Flag

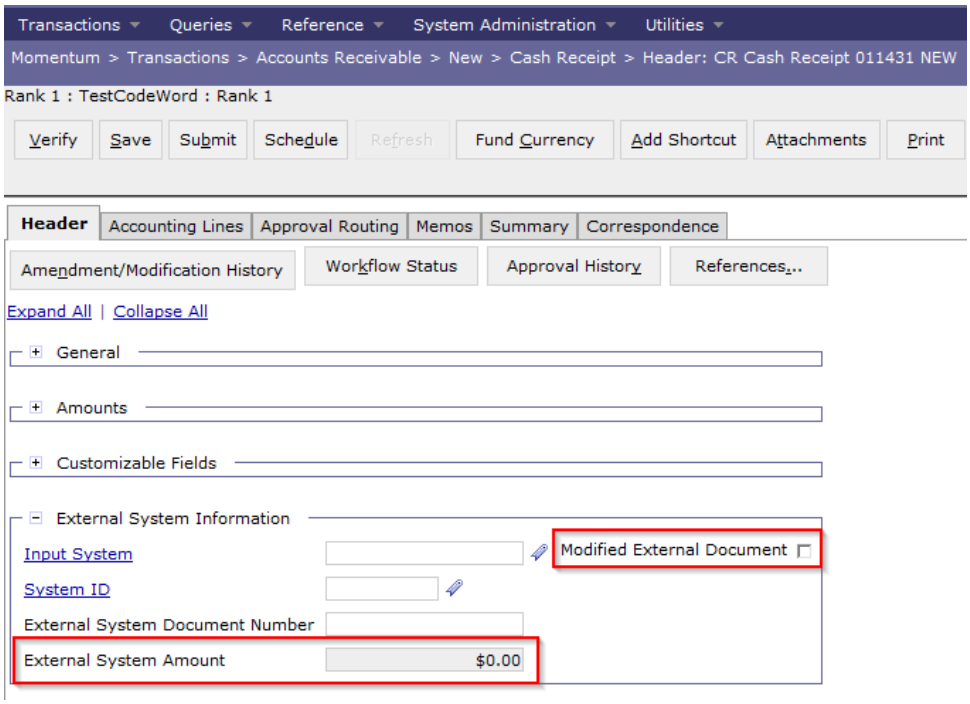


Exhibit 12-4: CR Accounting Line – Modified External Document Flag

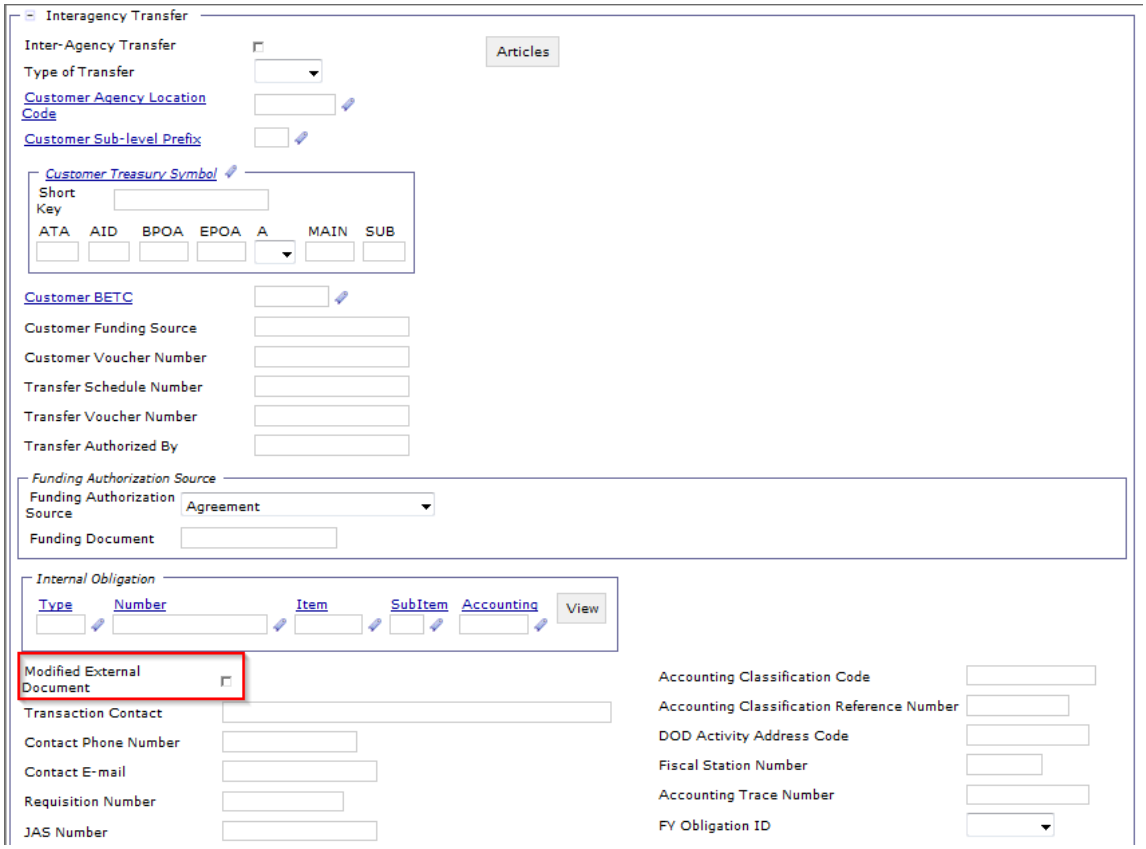
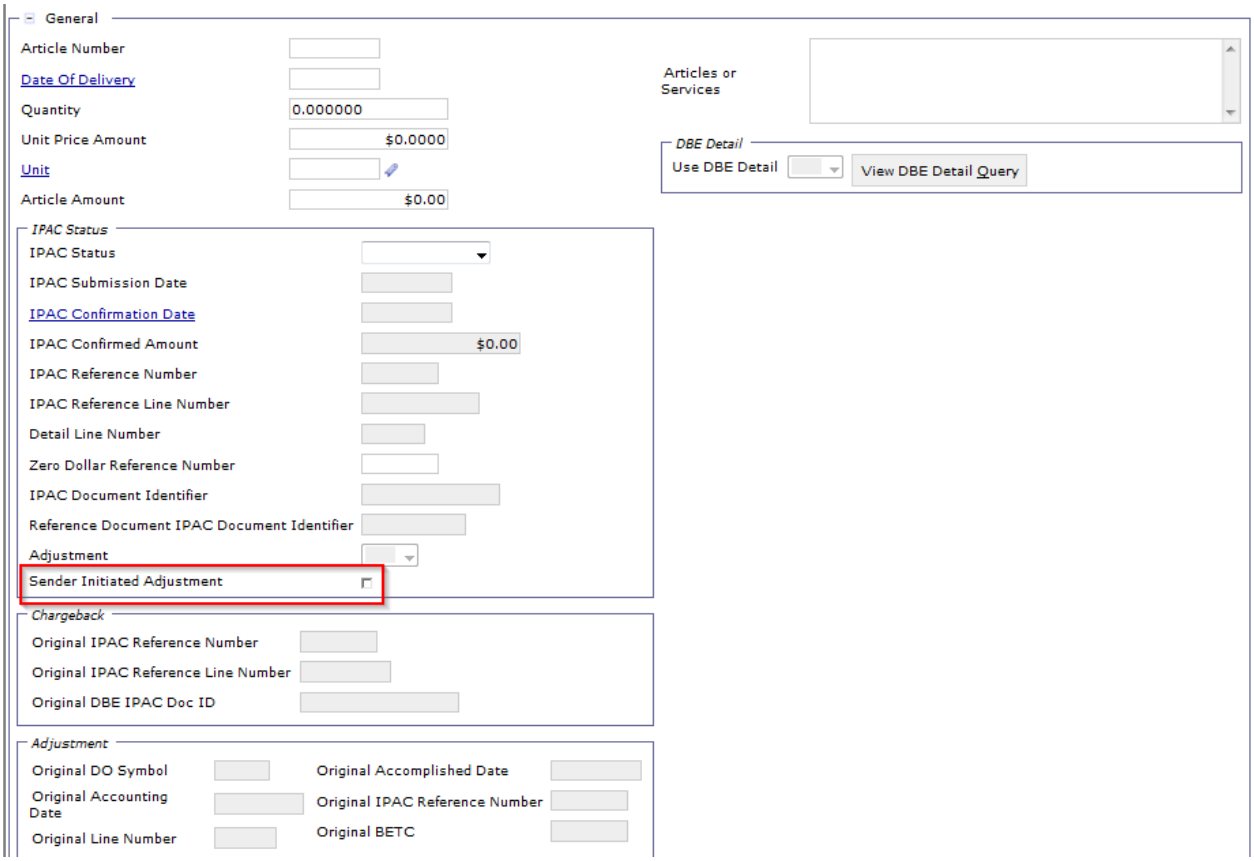


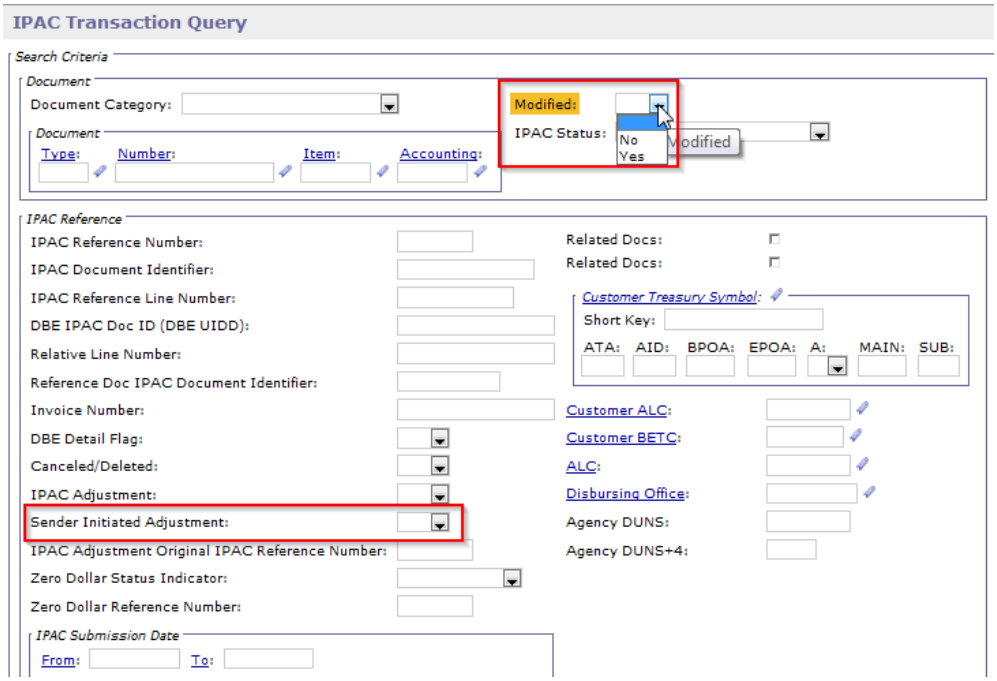
Exhibit 12-5: CR Article – Sender Initiated Adjustment Dropdown



Specific changes to queries:

- The IPAC Transaction Query will have the “Modified” flag added. A new flag called “Sender Initiated Adjustment” will be added to the IPAC Transaction Query Search Criteria, Item Collection, and History page.

Exhibit 12-6: IPAC Transaction Query Modified/Sender Initiated Adjustment Additions



- The Form Document Selection Query and the Purchase Query will have the “IPAC Document Identifier” added as search criteria to facilitate research of obligations used for IPAC payments. Note, these queries will not return “article” level data and should not be used for searching IPAC BD, IPAC CR, and IPAC IP.

Specific changes to batch jobs:

- The IPAC Inbound Process (GSIPACIN) will be modified to set the External System Amount on the CR and the IP as well as setting the Modified External Document flag to False when the IPAC transactions are created by the batch job.

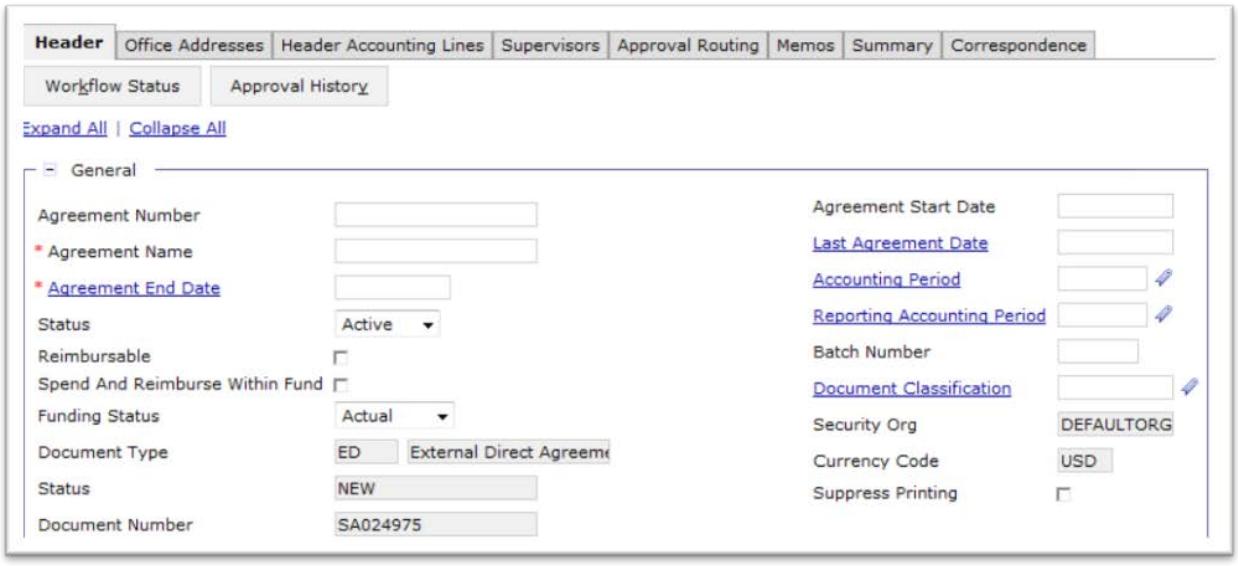
- The Agreement Billing Generation (PCPROJBILL) process will have an additional parameter added to set the IPAC Schedule Date.

- The IPAC Outbound Process (GSIPACOUT) will be modified to map the BD line description for each detail line if the Articles or Services and Comments to Print fields are blank.

13 PCAS: Rename Original Document Date Enhancement

Momentum 7.1.2 was modified to rename the Original Document Date field on the Agreement Query header to Agreement Start Date as shown in ***[Exhibit 13-1]*** below to enable agencies to easily determine when the agreement was first created.

Exhibit 13-1: Agreement Start Date



14 Purchasing: Copying Forward Invoice to Payment Accounts for Additional Reference

Pegasys 7.1.2 updates the copy forward functionality for invoice (IV) to payable (IP) scenarios, so that the invoice's references are also copied forward to all itemized (product/service) lines, in addition to all accounting or funding lines. When a user creates a Payment by copying forward an Invoice and 'Copy all Lines' is selected, the line item's funding information on the payment previously did not have anything in the 'Document Reference' section on the Itemized Line. This functionality was updated to copy over the document reference of the referenced invoice. Although generally minimal in volume, GSA still utilizes Itemized Line functionality, and thus the invoice referencing information will now correctly carry forward when using the copy-forward functionality.

15 Reference Enhancements

15.1 New Year Rollover Process Parameter Updates

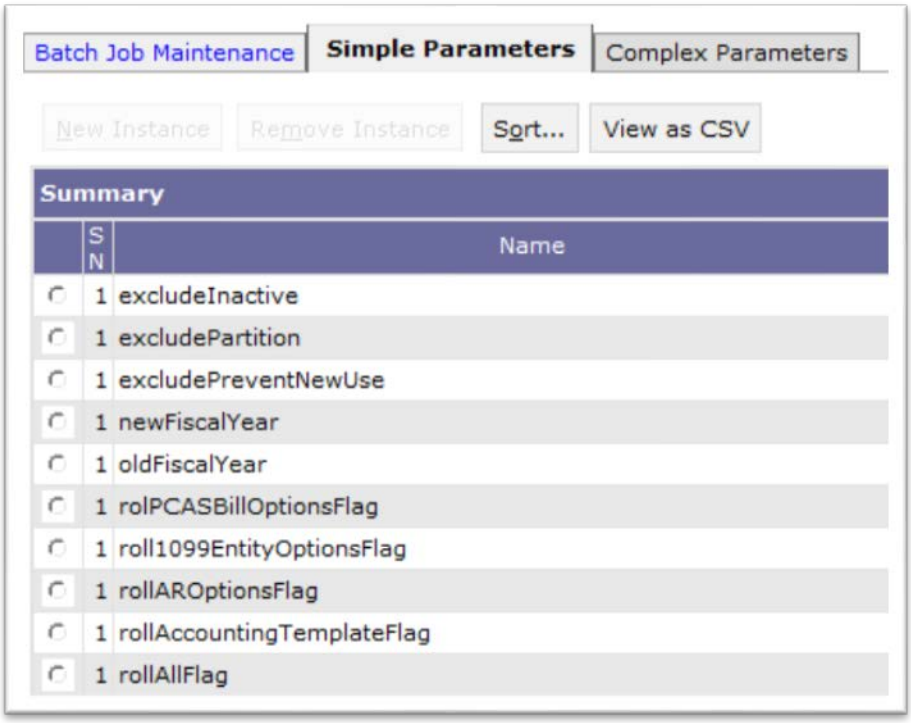
Momentum 7.1.2 provides GSA additional flexibility in completing year-end tasks. The amount of fiscal year reference data that agencies roll over to a new fiscal year can be quite large, and there are times when certain information is no longer needed in the new year. During the course of the year, an agency updates reference data to an Inactive status when the data should no longer to be used. When the New Year Rollover batch process (GSROLL) is run at the end of the fiscal year, all of the previous year's fiscal year reference data can be rolled over.

This enhancement provides the ability for GSA to determine whether reference data records marked as Inactive or Prevent New Use should be rolled over, as well as to exclude specified partitions from the rollover process, thereby streamlining the batch setup process for agencies that utilize multiple partitions. The enhancement includes the following modifications:

1. Exclude Inactive parameter will be added to the Simple Parameters of the batch process. When set to True, the system will exclude reference table records/dimensions where the Inactive flag = True.
2. Exclude Prevent New Use parameter will be added to the Simple Parameters of the batch process. When set to True, the system will exclude reference table records/dimensions where the Prevent New Use flag = True.

[Exhibit 15-1] below shows the updated Simple Parameter list for GSROLL.

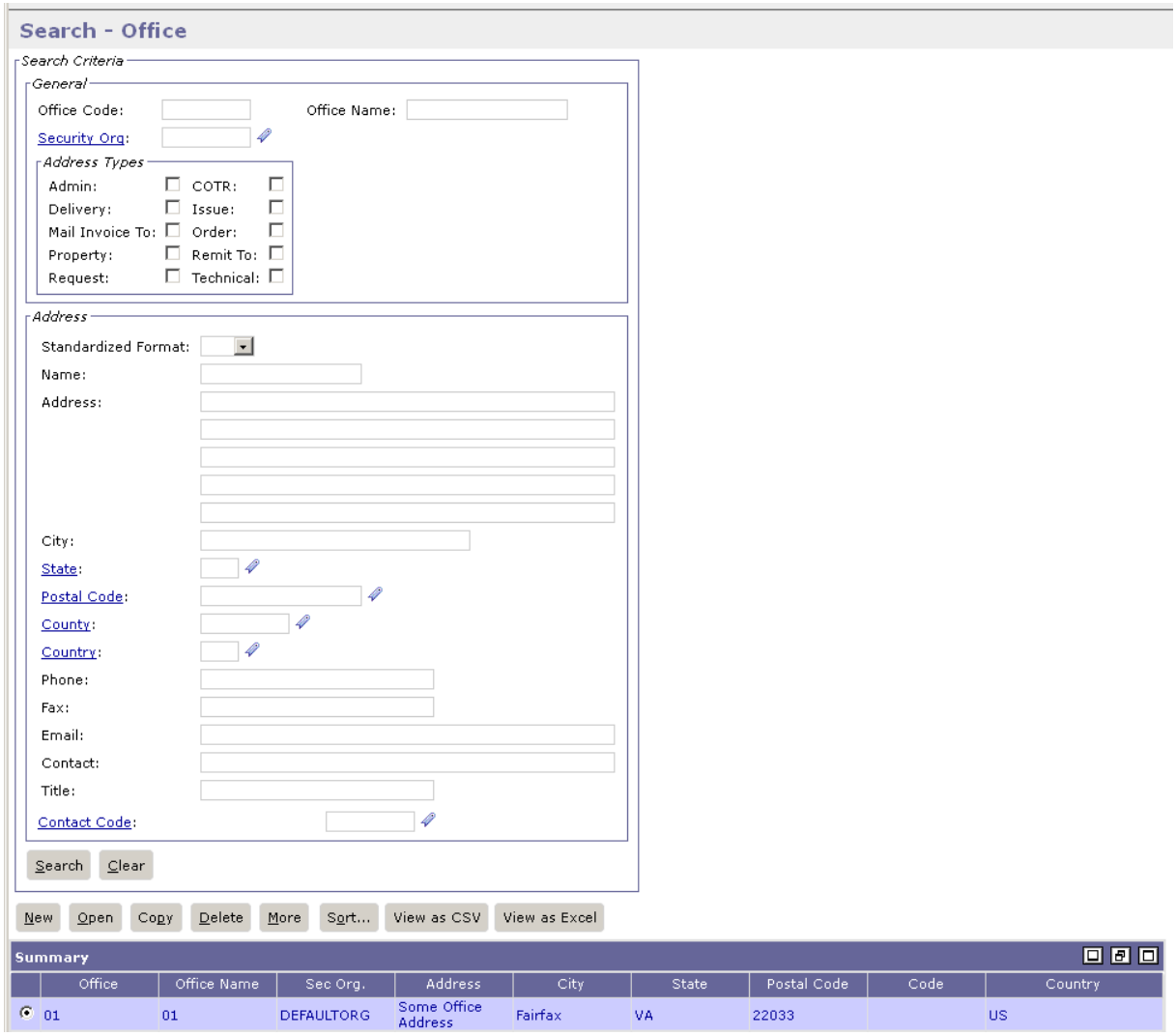
Exhibit 15-1: GSROLL Simple Parameters



15.2 Office Address Usability

With the Office Address Usability enhancement, GSA will have additional options for searching, selecting, and updating addresses entered on the Office maintenance table. New fields will be added to the search criteria and results set to help users find the correct offices as shown in ***[Exhibit 15-2]*** below.

Exhibit 15-2: Added Fields to Office Address Search Criteria



The system will automatically default the corresponding information from the maintenance table when the user enters the address on transactions using the Office Code and Address Code fields. This default will replace the need for the user to manually select the *Get Address* button following entry of the code fields. Automatic address refreshing when the user processes, corrects, or amends a transaction will be added for even greater convenience. GSA will still be able to manually refresh the addresses based on configuration.

This enhancement will also allow GSA to make multi-line updates (using Replace Values functionality) for the Delivery Instances, Intermediate Deliveries, and Office Addresses on

itemized lines. This additional flexibility for multi-line updates will save time as users will be able to modify delivery information across selected itemized lines in a single action, rather than on a line by line basis.

15.3 Product and Service Codes (PSC) Updates

The PSC manual has been updated with changes in the reporting of environmental attributes to reflect updates for technology and terminology, and the general addition of codes or end dating of codes. The following changes were made related to Pegasys and integrations with other systems:

Code Changes: The code structure has three group options: Product, Service, and Research and Development (R&D). The first service code, A, was for R&D and has been moved to the R&D group.

VCSS Integration: The Product Service Code is displayed on documents transmitted from Pegasys, but can also be searched for and selected on standalone invoices. The Pegasys PSC table is synchronized with VCSS so that any time a new record is added, existing record is updated, or existing record is removed from the table in Pegasys, the change synchronizes with VCSS.

FPDS-NG Integration: Although Pegasys does not currently integrate with the Federal Procurement Data System – Next Generation (FPDS-NG), the Product Service Code is transmitted for awards (not Indefinite Delivery Vehicles [IDVs]). The actual selected code is transmitted from Pegasys to FPDS and must comply with the new manual to avoid errors in FPDS.

CCR Integration: PSC can be passed from CCR through CCRC to Pegasys. When a vendor is published from CCRC to Pegasys, there are validations to make sure that the PSC codes sent over from CCRC exist in Pegasys before any vendor changes are applied or a vendor is added to Pegasys. CCR will not remove codes that are no longer to be used from a vendor until that vendor has to renew its CCR registration. Because of this, Pegasys retains these codes with the name of ENDED and an end date populated to discourage usage so that there are not errors in the integration.

The 7.1.2 update to Produce and Service Codes will allow for more timely synchronization between Pegasys and other systems, such as VCSS. Updates will be made across systems rather than data mismatching between the systems. This provides more accurate data to users in both environments and reduces the number of steps to confirm data is accurate (by comparing the data in each system). There will be no impact on functionality as this enhancement will not make the synching process different than it is currently in Pegasys 6.5.

16 Security: Streamline Organization, Role, and Approval Type Management

This enhancement streamlines the process of assigning Security Organizations, Roles, and Approval Types to users in Pegasys and Vendor-Customer Self-Service (VCSS). It allows a user to associate multiple roles with multiple security organizations in one action, reducing the number of steps required to complete security setup. Additionally, two different views are available so you can choose how to approach your security setup, including viewing and performing the setup using either a Role by Security Organization view***[Exhibit 16-1]***, or Security Organization by Role view ***[Exhibit 16-2]***. The same capability has been added for the association of approval types and security organizations, allowing you to select multiple approval types to associate with multiple security organizations in a single action. The approval type setup also offers two views: Approval Type by Security Organization, or Security Organization by Approval Type.

Exhibit 16-1: Security Roles by Security Organization

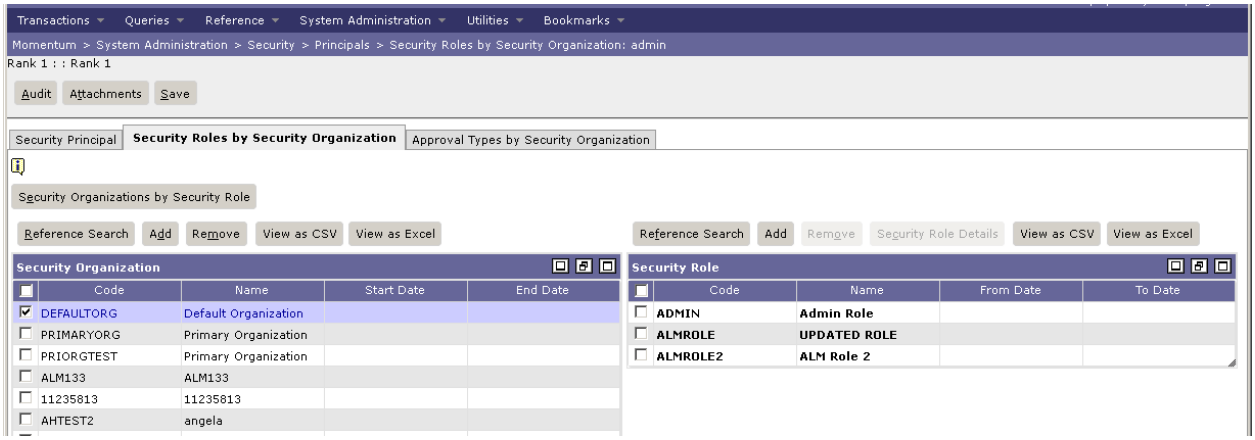
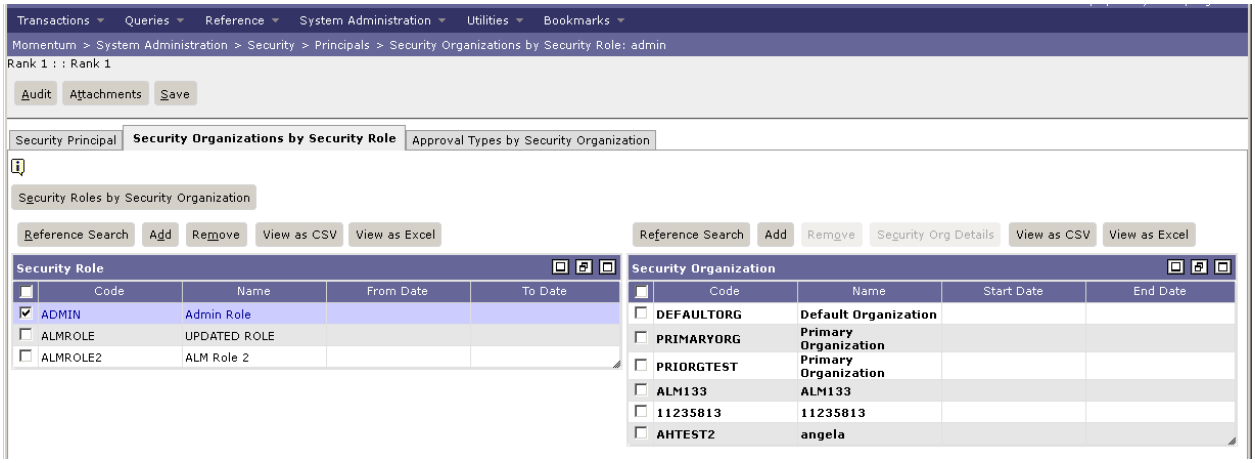


Exhibit 16-2: Security Organization by Security Role View



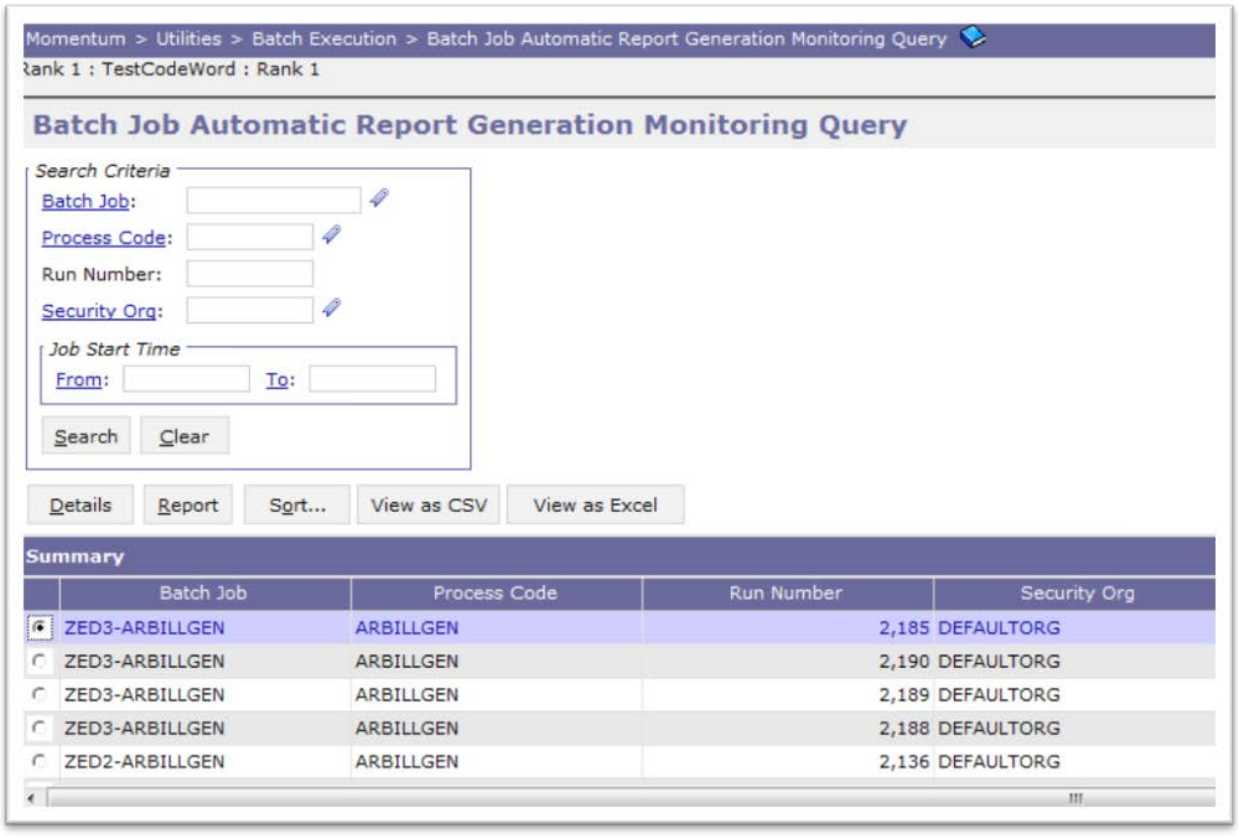
17 System Administration: Automatic Report Generation Monitoring

Several Momentum functions are two step processes such as executing a batch job to select/accumulate data and then executing the corresponding Business Intelligence and Reporting Tools (BIRT) report to output the data. Three of these processes, Bill Generation (ARBILLGEN), Dunning Notice Generation (ARDUNNING), and Due Process Notice Generation (ARDPNGEN), have the capability for the batch job step to "auto trigger" the report and "auto attach" the report output to the applicable object (such as the Billing Document, Billing Statement Entity, or Debt Account).

Since the auto-trigger/auto-attach functionality involves many technologies, including C++ (batch job), BIRT (report creation), J2EE (framework), and Jackrabbit (attachments), the process can fail due to the communication between these technologies. Due to this complexity, Momentum 7.1.2 was modified to include the following for the multi-step processes mentioned above:

1. Provide a monitoring query (shown in ***[Exhibit 17-1]*** below) of the auto trigger and auto attach success (or failure) to increase visibility of issues, which will assist technical staff in troubleshooting problems.
2. Streamline the recovery steps and tie the recovery process to the original execution when auto-trigger/auto-attach "fails". As part of recovery mode, the agency will have the option to consolidate the reports into one file to be sent to the printer; or to have a separate file containing just the reports in the recovery run.

Exhibit 17-1: Batch Job Automatic Report Generation Monitoring Query



18 Vendor Management/CCRC: SAM Entity Management Enhancements

18.1 Capture Additional Data

This enhancement introduces changes to both Pegasys and the Central Contractor Registration Connector (CCRC) module. For Pegasys, the updates include terminology changes throughout the system to align with the new SAM initiative. The SAM initiative also captures more data elements than were previously recorded by the SAM predecessor, CCR. The additional data elements, changed data elements, and new capabilities that are supported for these elements include:

- The optional ability to record a Bureau for an Agency Location Code
- A new overrideable warning that alerts you of a vendor's Delinquent Federal Debt
- The addition of a reference-backed County maintenance table in order to validate counties entered on vendor records
- The addition of Disaster Response information to the vendor record ***[Exhibit 18-1]***
- Increasing the database length of vendor names and postal codes throughout the system
- The addition of a fourth address line to the "Standard" address format ***[Exhibit 18-2]***

Exhibit 18-1: Vendor Record Contains Disaster Response Information

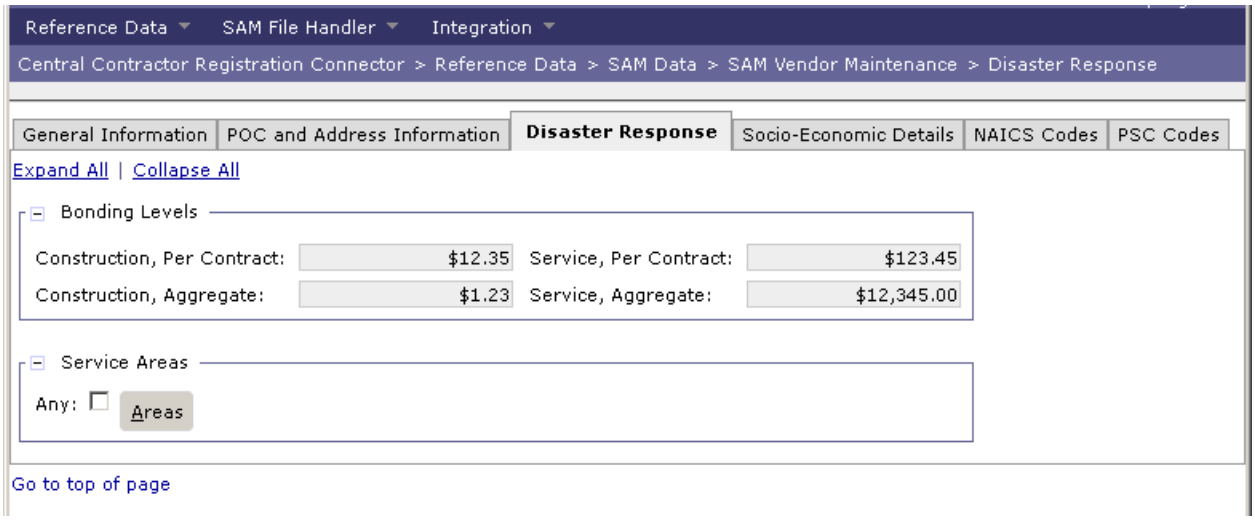
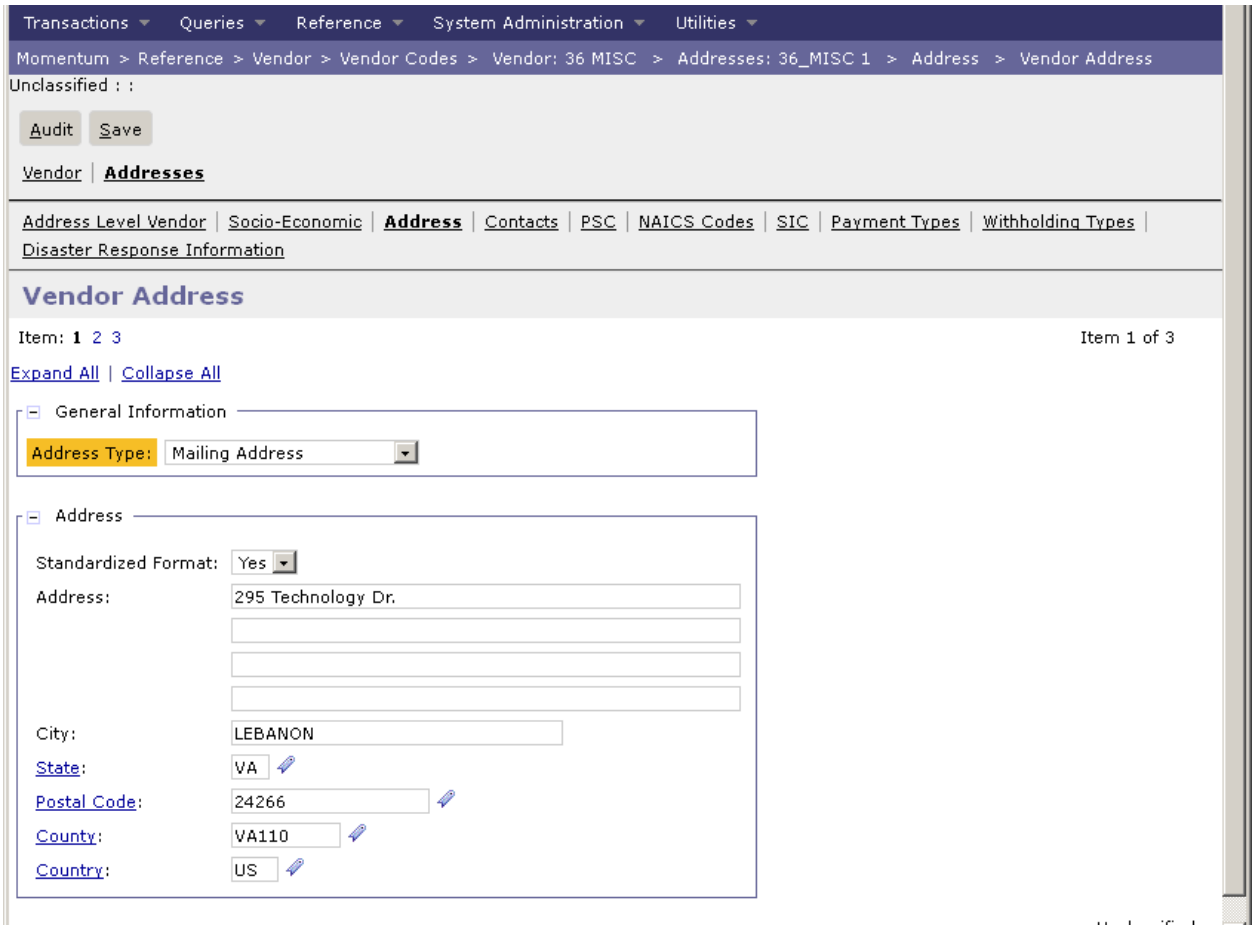


Exhibit 18-2: Fourth Address Line Added to the "Standard" Address Format



Release 7.1.2 relaxes an existing edit from hard to overrideable to support the possibility that SAM vendor registrations contain inactive PSC, NAICS and/or SIC codes. Relaxing this edit allows the vendor record to be successfully loaded into Pegasys despite the vendor's registration information in SAM containing invalid codes.

18.2 Data Import Capabilities

As part of the Integrated Acquisition Environment (IAE) SAM initiative, new file formats were established for the extraction of vendor data from SAM, to eventually replace the legacy BPN file formats used by CCR. SAM introduces new data elements, such as delinquent debt and disaster response indicators, that were not previously available in CCR. The CCRC 7.1.2 release includes configuration options in CCRC and the integrations to allow CCRC to process either the legacy (BPN) extract file format or the new SAM extract file format. The IAE has committed to supporting the legacy extract format for one year after the SAM extracts are made available. The final SAM extract file formats were released in August 2013. Therefore, the IAE will support the legacy extract format (BPN) until October 31, 2014.

This enhancement will enable GSA to continue to support the SAM Entity Management legislative update. Expanded data import capabilities and configuration options will provide an easier transition to supporting the new SAM extract file formats once CCRC and Pegasys have

been updated to support processing of the new SAM extract file formats. The IAE has committed to supporting the legacy extract format for one year after the SAM extracts are made available. This enhancement adds no extra steps to GSA's current business process.

18.3 Display and Search by DODAAC

This enhancement provides the ability to register vendors by DODAAC in VCSS (for those vendors previously registered in FedReg who might have a DODAAC in place of a DUNS) ***[Exhibit 18-3]***, and display and search the information in VCSS and Pegasys ***[Exhibit 18-4]***. A user will be able to search for vendors by DODAAC on the vendor reference tables.

Exhibit 18-3: VCSS Ability to Register Vendors by DODAAC

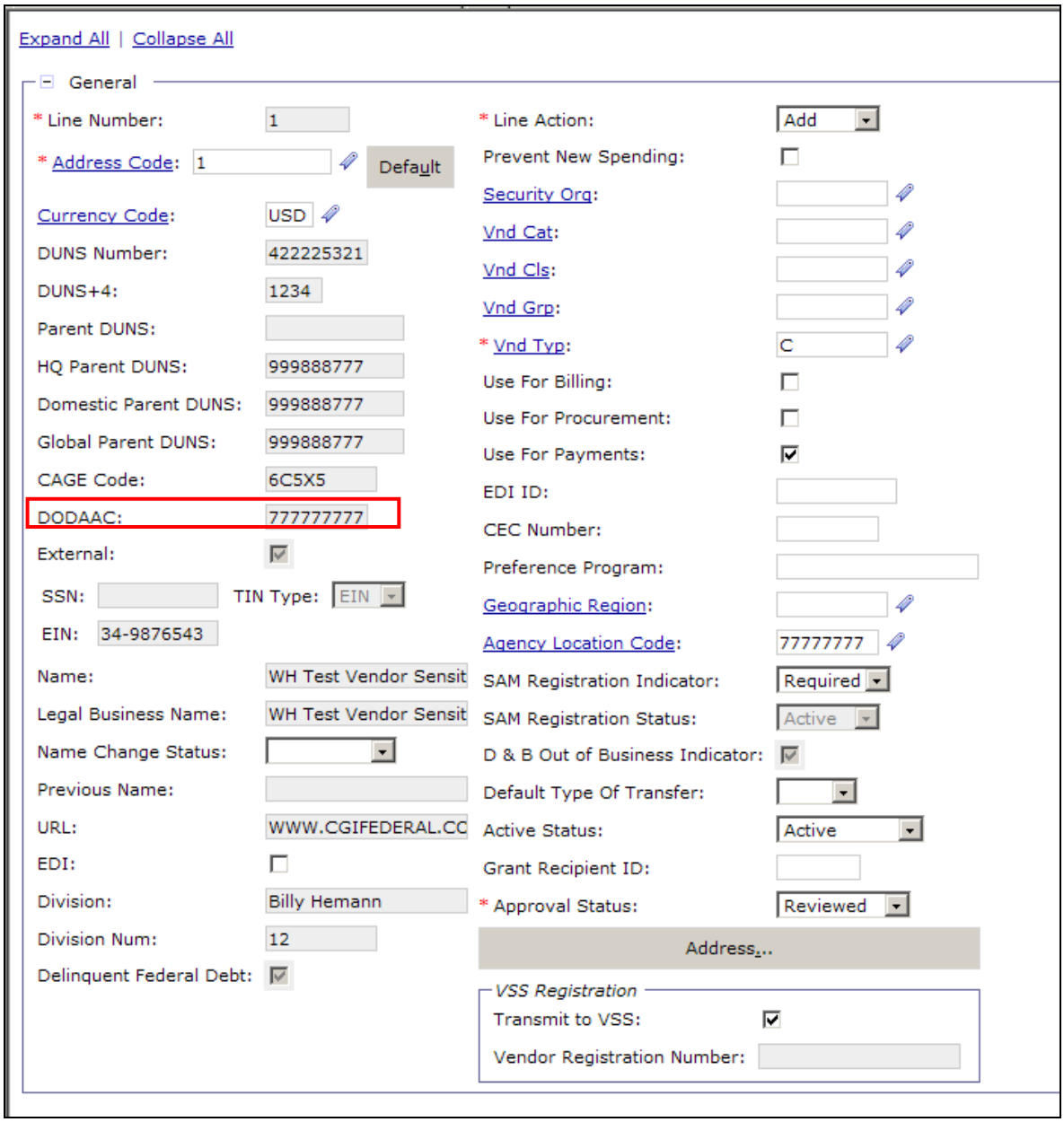
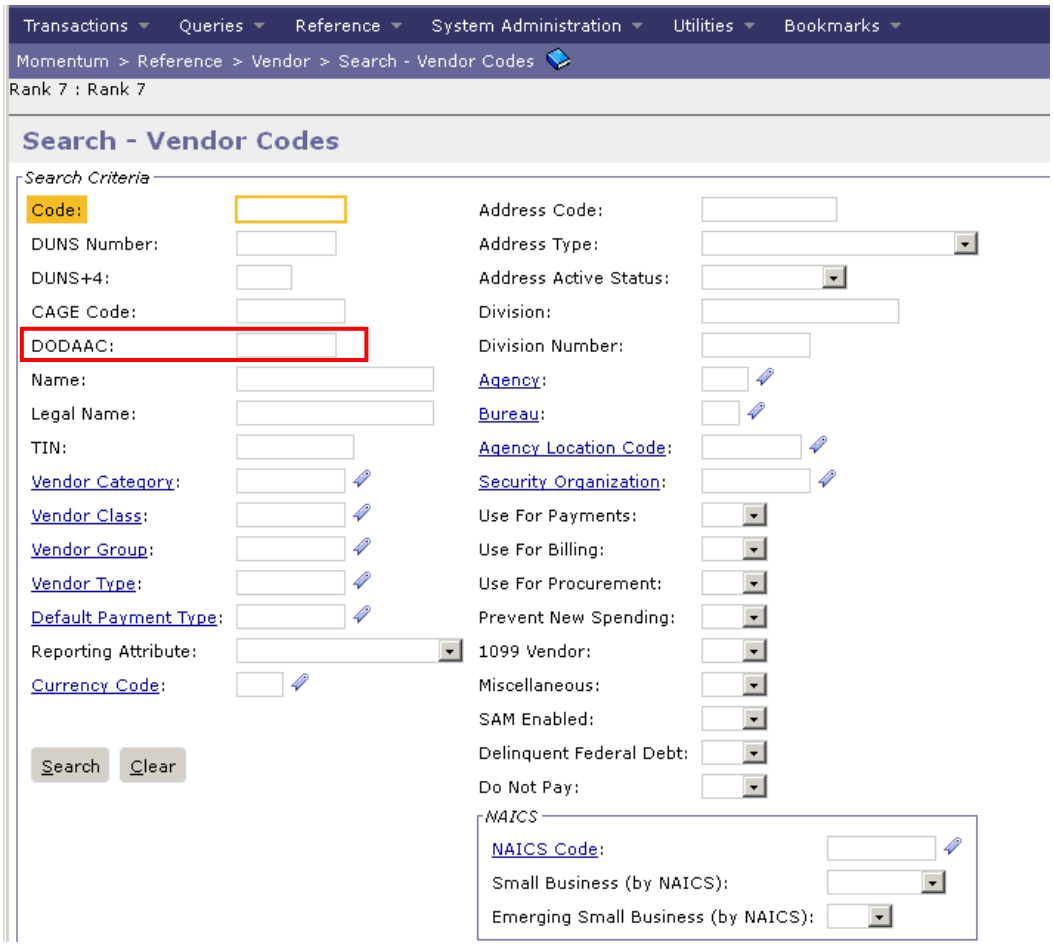


Exhibit 18-4: Ability to Display and Search by DODAAC



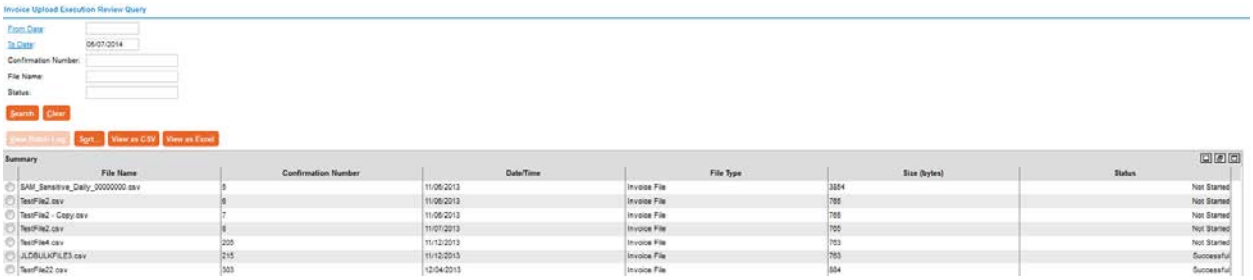
19 Vendor Self Service Enhancements

19.1 Allow for Input Files in VCSS

The Allow for Input files in VCSS enhancement provides a mechanism to allow vendors to upload invoices into VCSS in an attempt to reduce the data entry required with entering multiple invoices into VCSS. This item will not replace the existing process for creating invoices in VCSS, but will complement the existing functionality by providing an alternative method to users for entering multiple invoices in VCSS through a file upload process using comma-separated value (CSV) formatted spreadsheets (sample screenshots shown in ***[Exhibit 19-1, 19-2]*** below).

Exhibit 19-1: VCSS – Invoice Upload Wizard

Exhibit 19-2: VCSS – Invoice Upload Execution Review Query



This enhancement will include the following changes to existing functionality.

- Update of Electronic Invoicing menu structure to provide a new option for uploading invoices into VCSS.
- Update of System Administration menu structure to provide a new option for reviewing the status of the invoice upload batch process executions.
- The addition of “Invoice Upload Confirmation Number”, “Invoice Upload File Name”, and “Invoice Upload Date/Time” to the Invoice Search page as search criteria and displaying in the search results.
- The addition of “Batch Number” and “Invoice File” to the invoice view. The fields will always be read-only on the invoice and will be populated by the system if an invoice is created in the system via the invoice upload batch process.
- The Invoice Office Code and Invoice Office Address Code will no longer be required fields on the VCSS Invoice, but will remain as optional fields.

- Addition of a “Default Invoice Upload Security Organization” to the VCSS System Settings. This will only control access to data on the Invoice Upload Execution Query. This Security Organization will not be used for securing attachments associated with a created invoice in VCSS.

19.2 Transmit Itemized Order Corrections to VCSS

VCSS allows GSA’s vendors to electronically submit invoices to the GSA, referencing awards and orders posted by the GSA. Currently, new and amended orders are posted to VCSS, but order corrections are not posted to VCSS.

This enhancement will extend the functionality of posting orders and order amendments to VCSS to also include posting order corrections. This will ensure that vendors are presented with the most current order information, which will facilitate the submission of more accurate invoices by vendors from VCSS.

Based upon existing functionality, vendors who are configured to receive emails from VCSS will receive an email notification when the order correction is posted to VCSS, if the correction modifies fields that are displayed in the VCSS user interface.

Additionally, attachments associated with these order corrections will also be available for viewing from VCSS if the attachment meets the requirements for transmission to VCSS.

This item does not include transmitting Award (QA) or Acquisition Order (QO) corrections.

If an that is visible in VCSS is updated in Pegasys to contain a vendor without a Vendor Registration Number (VRN), that order will no longer be viewable in VCSS through the use of the existing “Remove from View” flag on the VCSS Order table.

19.3 VCSS Dynamic Extensibility

The VCSS Dynamic Extensibility enhancement implements dynamic extensibility in VCSS through the migration of the existing dynamic extensibility functionality in Pegasys into WebFrameworks. Through extensibility, GSA can modify existing VCSS components, add new application components, control the visibility and location of fields on screens, indicate whether a field is required or not, and change virtually any label within the application.

Additionally, dynamic extensibility provides the ability to populate transactions using pre-defined dynamic variables that set the value of a field based on the current date or the user’s principal data. Examples include a system administrator setting a global level dynamic extension to populate with a current user’s name or setting a date field to populate with the current date, as well as an individual user setting using a user level dynamic extension to populate a field with his/her name.

20 Vendor Table: Add User Defined Fields to Vendor Enhancement

The Add User Defined Fields to Vendor enhancement will expand the existing User Defined Field (UDF) and Extensibility functionality to include the ability to capture UDF fields on the Vendor record, as well as add fields via Extensibility that will automatically flow through to the backing entity A total of 10 UDF fields will be added – 5 on the header and 5 at the address level and are shown in ***[Exhibit 20-1, 20-2, 20-3]*** below. GSA will benefit from the ability to capture additional business specific information for Vendors. GSA will be able to configure 10 Vendor User Defined Fields for use on both Vendor forms/documents and the Vendor maintenance table. If other types of fields are desired to capture Vendor information, these fields can be added to the Vendor transaction and reference table via Extensibility and any data entered in these fields will automatically propagate to the Vendor entity.

Exhibit 20-1: New UDF Fields Added to Vendor Reference Table Search Criteria

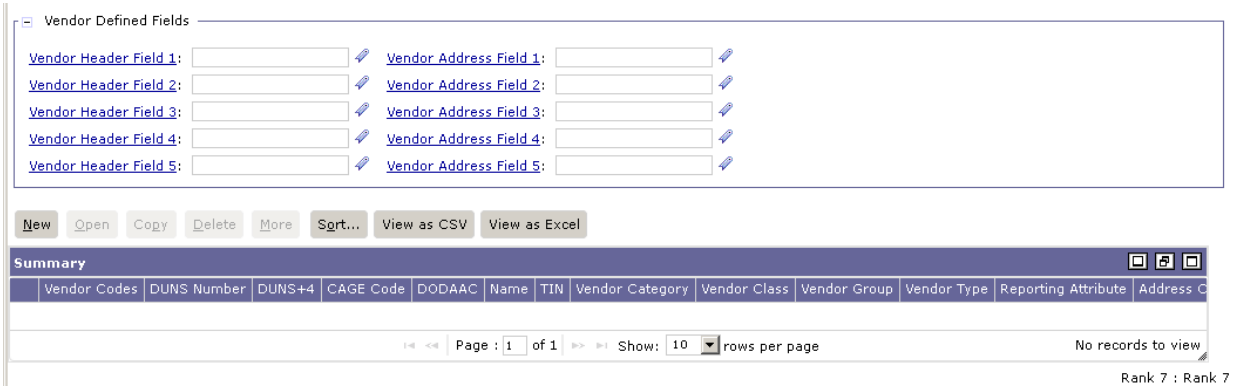


Exhibit 20-2: UDF Fields Added to Vendor Header Page

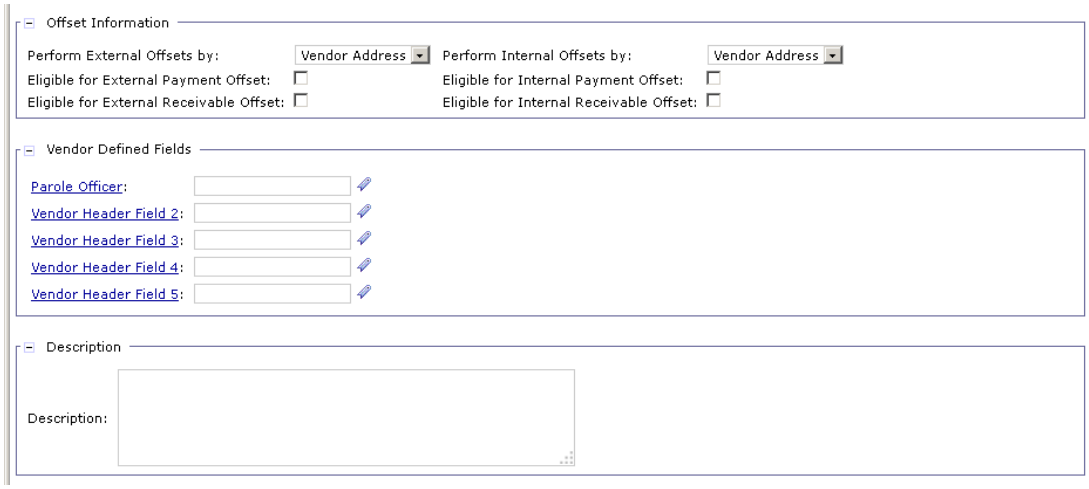


Exhibit 20-3: UDF Fields Added to Address Level Vendor Page

The idea is to add user defined fields to the Vendor Form/Document, Review Vendor Query, and Vendor Maintenance Table to enable agencies to determine additional information that they would like to capture on the Vendor record in Momentum. The functionality is similar to document type user defined fields and be implemented in such a way as to allow for reuse across the system.

- New Tables:
  - MF_VEND_DFND_ADR1
  - MF_VEND_DFND_ADR2
  - MF_VEND_DFND_ADR3
  - MF_VEND_DFND_ADR4
  - MF_VEND_DFND_ADR5
  - MF_VEND_DFND_HD1
  - MF_VEND_DFND_HD2
  - MF_VEND_DFND_HD3
  - MF_VEND_DFND_HD4
  - MF_VEND_DFND_HD5

The six reference tables listed below have been modified with the additional fields listed below each corresponding reference table:

- MF_VEND, MF_VEND_DOC, MF_VEND_FRM
  - VEND_DFND_HD1_ID
  - VEND_DFND_HD2_ID
  - VEND_DFND_HD3_ID
  - VEND_DFND_HD4_ID
  - VEND_DFND_HD5_ID
- MF_ADDR_LEVL_VEND, MF_VEND_DOC_LN, MF_VEND_FM_LN
  - VEND_DFND_ADR1_ID
  - VEND_DFND_ADR2_ID
  - VEND_DFND_ADR3_ID
  - VEND_DFND_ADR4_ID
  - VEND_DFND_ADR5_ID

21 Workflow Enhancements

21.1 Additional Inbox Fields

Momentum release 7.1.2 expands the search criteria and adds new fields to the result set for the Inbox and Completed Tasks query pages. The additional search criteria (shown in ***[Exhibit 21-1]*** below) give users greater flexibility and efficiency in searching for their workflow tasks. The new fields in the results set (examples shown in ***[Exhibit 21-2]*** below) provide more details about the document associated to the workflow task (i.e., Document Status, Accounting Period, Vendor Name, Vendor Code, Vendor Address Code, Total Funded Amount, Header-level User Defined Fields, Header-level Description Field, Header-level Contract Number/BPA Number, Document Number, Document Title, Document Type, Document Date, Document Classification, Amendment Number, and Security Organization). These additional values allow users to sort the Inbox tasks by the desired column. Users can quickly determine which tasks are assigned to them and need prompt attention.

Exhibit 21-1: Additional Inbox Search Criteria

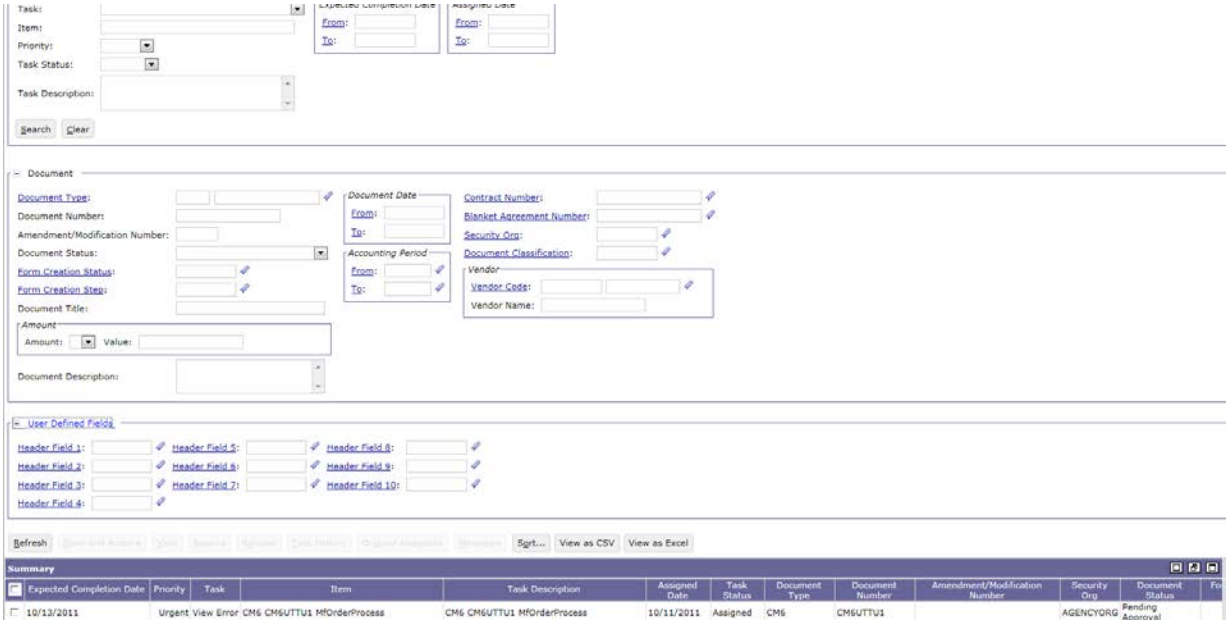


Exhibit 21-2: Additional Inbox Result Set Fields

21.2 Task Email Notification

As part of the Workflow functionality which assigns work tasks based upon user and task configuration, the Inbox enables Pegasys users to manage tasks, work assignments, and approve work. Within this workflow functionality is the ability to send email notifications for the

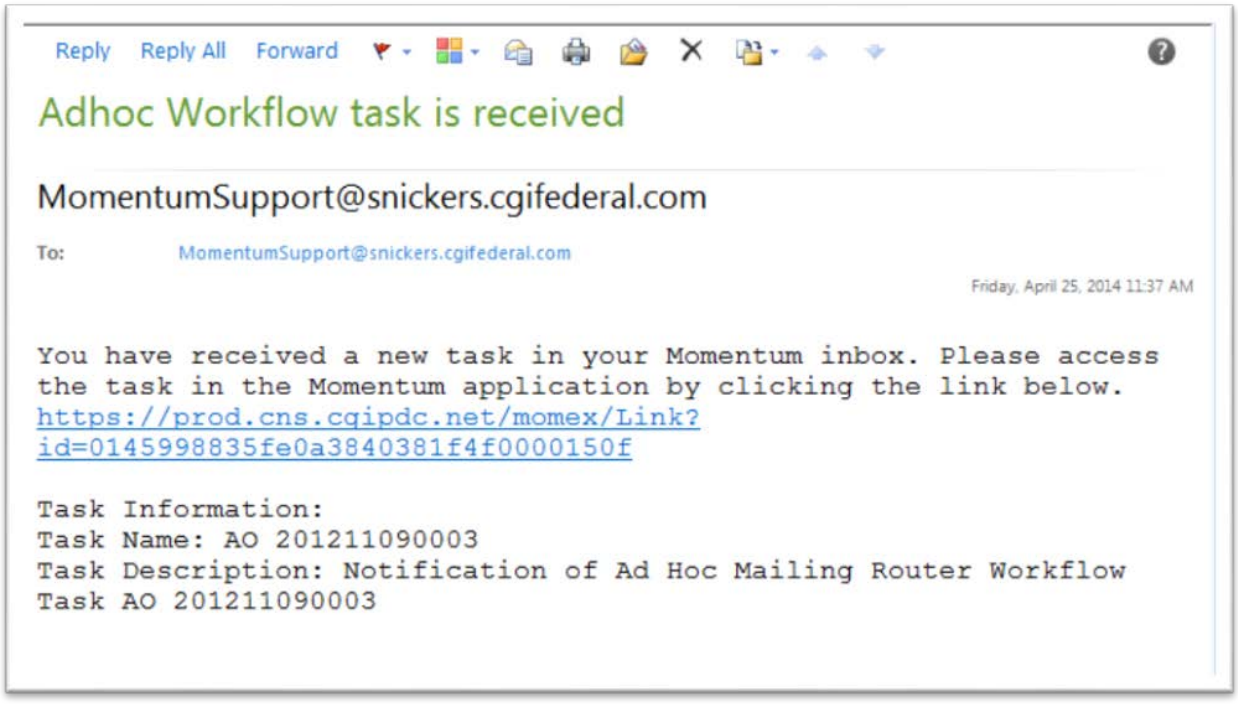
various tasks, informing the appropriate users that tasks are available for their review. Currently in Pegasys 6.5, GSA is limited in their ability to configure the content of the email notifications, and when the emails are received, the links provided simply navigate the user to the Pegasys inbox.

The objective of the Task Email Notification enhancement is to provide agencies with the ability to:

1. Enable more extensive email notification content configuration.
2. Establish a link within the email notification that leads to the actual task as opposed to the inbox.
3. Extend the new logic to supported tasks for mobile applications.

To streamline the way users access the tasks included in their Pegasys inbox this enhancement is adding the ability to include a Universal Resource Locator (URL) link in the Task Email Notification message shown in ***[Exhibit 21-3]*** below. For users with Single Sign-On (SSO), when clicked, the URL will take the user, who accesses the link via a non-mobile device, directly to the task itself in the View Mode rather than to the Pegasys Inbox. Users without a SSO will be directed to the Pegasys sign in page before they are taken to the View Mode. From the View Mode the user may review and acquire the task in order to complete it. Users that use mobile devices to obtain their email messages will also be able to use this new URL link and if the user has SSO ability they will acquire the task when using the link. Mobile Users without a SSO will be taken to the Pegasys sign-in page where they will log into Pegasys before acquiring the task.

Exhibit 21-3: Sample Email Notification with URL



Currently in Pegasys 6.5, the content of the email message can be configured to include fields from the header of the transactions to aid users in managing the contents of their inbox. This enhancement adds the URL link and the memo field from disapproved tasks to the fields that

maybe added to the email message. The addition of these items will help users manage their task in a more efficient and timely manner.

21.3 View Workflow Tasks without Acquiring

As part of the Workflow functionality which assigns work tasks based upon user and task configuration, the Inbox enables Pegasys users to manage tasks, work assignments, and approval work. The objective of the View Workflow Tasks without Acquiring enhancement is to expand the workflow functionality by providing the ability for a user to view an inbox task without acquiring it, as well as provide a means for the user to acquire and complete the task that is being viewed without having to return to the Inbox. This will allow users to review detailed task information before acquiring it and removing the task from the inboxes of other assignees.

With the View Workflow Tasks without Acquiring enhancement, the existing 'Open' button has been renamed to 'Open and Acquire' to better reflect the functionality of the button shown in ***[Exhibit 21-4]*** below, and the functionality of the View button that was added to the Inbox in the Workload Usability Improvements enhancement has been expanded to allow users to view the details of all workflow tasks in the Inbox without being required to acquire them first. The 'Acquire and Open' button label used in the Workload Usability Improvements enhancement was adjusted to 'Acquire' to match the button label used in this enhancement. Multiple users can select the same Assigned status task at the same time, click the View button, and review all fields and information found within the task. Within this View mode, the system provides the user with access to all non-Actions buttons like the Approval History button or Workflow Status but hides all Action buttons like Approve, Reject, Save, Submit, etc. All fields are also in a non-editable state as long as the task is in View mode. If a user decides to acquire a workflow task after having reviewed the non-editable version, rather than requiring the user to return to the Inbox and then open and acquire the task, the user is able to acquire the task directly from the View mode version by clicking the Acquire button. When the Acquire button is clicked, the system determines the status of the selected workflow task to ensure that it has not been acquired by another user. If the workflow task has been acquired, the user receives an error message indicating that the task has been acquired by another user, but if the workflow task has not been acquired by another user, the system acquires the task for the user and removes the tasks from the other assignees. Once acquired, the task becomes editable (for tasks that have editable fields) and all action buttons are made available.

Additionally, when the user clicks the View button, the system determines whether the selected workflow task is in 'Assigned' status before opening the selected workflow task in a viewable format to ensure that no changes to the inbox tasks have occurred since the last page refresh. If the selected task is in 'Assigned' status, the workflow task is opened for viewing. If the status of the selected workflow task has changed because for example another user acquired the task and the current user failed to refresh the page before trying to view the selected task, the system issues an error message that the selected workflow task has already been acquired by another user and will be removed from the workflow task list.

Exhibit 21-4: Open and Acquire Button in Inbox