
**South Dakota Board of Regents
(SDBOR)
Customization Id: SDBOR 002
Banner® Finance 7.2
Central Accounts Payable
Reallocation
Functional Specification**

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1 Functional Requirement - Central Accounts Payable Reallocation Process

1.1 Introduction

This Functional Specification document describes the custom modifications that will be made to the SunGard Higher Education Banner® Finance system to enhance the check reporting functionality. This enhancement will allow South Dakota Board of Regents (SDBOR) the ability to electronically reallocate funds between the Central Cash Account and the participating funds. This process will also create two State interface files.

Another Process will be created to provide a file of taxable reimbursements to interface to South Dakota's legacy payroll application (PayPerS).

This functional specification document represents the outcome of an iterative review process. It is considered a product-planning document and does not represent a commitment to develop the described software changes in the manner presented. SunGard Higher Education reserves the exclusive right to determine, in its sole discretion, the enhancements to be developed by SunGard Higher Education and the manner in which they are developed.

1.2 Overview

South Dakota Board of Regents (SDBOR) requires processes that will:

1. Electronically produce a journal entry that will "reimburse" the central AP cash account from institutions' cash accounts when checks or ACH transfers are drawn on the central AP cash account. The process will also 'charge' the central AP cash account for check cancellations.
2. Create two state payables interface files (with associated reports) for each check run.
3. Create one taxable reimbursement file (with associated report) once per month.

1.3 Scope

South Dakota Board of Regents (SDBOR) is required to interface accounting transactions to the state. The Baseline Banner® Finance System does not contain this functionality. The modification will allow SDBOR to easily report and interface the state payables files and taxable reimbursement file. A reallocation process will also create a journal entry to transfer the cash from the institutions' cash account to the central AP cash account.

1.3.1 Product Release

Module	Release Number
Banner® Finance	7.2

1.3.2 Assumptions

1.3.2.1 Contractual Assumptions

1. All customizations will be developed and delivered in SCT Banner® Finance version 7.2.
2. Objects not mentioned in this Statement of Work are outside the scope of the proposed solution. Any change in scope will be handled with a Change Request and a re-evaluation of effort.
3. SunGard SCT will deliver efficient, well-formed code, analyzed for optimal performance according to Oracle and SunGard SCT standards.
4. A single point of contact from the Client will be identified for communication during the project. This single point of contact will be responsible for all communication with SunGard SCT, including the review and approval of project deliverables and formal acceptance of the final product.
 Client approval will be required on the following documents:
 - a. Statement of Work
 - b. Milestone Document
 - c. Functional Specification
 - d. Sign Off/Acceptance
5. Failure to meet milestone dates as agreed upon in the milestones document could present a jeopardy to the project.
6. The Client will provide SunGard SCT with an Acceptance Test Plan that will determine whether or not the customization meets the requirements outlined in the functional specification.
7. SunGard SCT will test the customization prior to delivery; however, it is the responsibility of the Client to thoroughly test the customization within the testing period allowance (30 days from the date of delivery of the customization).
8. The project will be considered accepted and complete 30 days from initial delivery, if there are no outstanding defects and a signed acceptance agreement has not been obtainable. However, a signed acceptance agreement is required before any modification is eligible for maintenance through Customization Services.
9. The Client is responsible for the installation of the software delivered by SunGard SCT.
10. The Client is responsible for data set up required by the customization.
11. End user training, beyond the delivered documentation, is not part of this estimate.
12. Maintenance is not included in this Statement of Work. After original project sign off is submitted, a separate maintenance agreement is required if the Client wishes to put the customization under a maintenance contract.
13. SunGard SCT will perform all work off campus. On-site, campus visits are outside the scope of this estimate.
14. Travel and expenses are not included in the estimate of effort associated with this document

1.3.2.2 Process Assumptions

15. Processes address checks/ACH transactions and associated cancellations (based upon document type and/or rule code in FGBTRNH). The process architecture allows for other transaction types (i.e. non-AP cash journal entries), but this statement of work is limited to Accounts Payable activity only.
16. The cash reallocation process can be executed on demand by client (all transactions processed only once). For reconciliation purposes (transactions balanced to original Banner check register), South Dakota intends to run these processes once for each distinct Banner check production cycle. Any other operational cycle will require manual reconciliation to multiple check registers.
17. Once cash reallocation transactions are loaded into GURFEED and fed through FURFEED/FGTRNI, baseline Banner processing is assumed. Validation, balancing, etc. will not be performed by the custom process.
18. The taxable reimbursement process can be executed on demand by client (relevant transactions processed only once). South Dakota intends to execute this process monthly.
19. The initial taxable reimbursement process shall produce a flat (ASCII) file suitable for transfer to South Dakota's legacy payroll application.
20. Additional customization to integrate taxable reimbursement process with Banner Human Resources is not addressed in this statement of work.
21. The RCNTRANS interface file will only contain Check Transactions.

1.3.3 Exclusions

N/A

1.3.4 Concerns

N/A

1.3.5 Terminology

N/A

1.3.6 Security

N/A

1.3.7 Site Policy Impact

N/A

1.4 Functionality

1.4.1 Functional Process Flow

The Setup:

1. GXR BANK – Bank Codes must be created and Fund/Acct codes entered on the record. Bank codes will include the Central Bank Code and all of the Individual fund bank codes.

Oracle Developer Forms Runtime - Web: Open > GXR BANK

File Edit Options Block Item Record Query Tools Window Help

Bank Code Rules GXR BANK 7.2 (SEED)

Bank: Name: Active Status

Effective Date: Next Change Date:

Termination Date: Last Activity:

Base Currency:

Bank ID:

Bank Account Number:

Chart of Accounts:

Bank Fund:

Cash Account:

Interfund Account:

ACH Status

2. FTMFUND – Define the default bank code on each fund. The bank code is required on each fund. This is where the redistribution bank is identified and will be used when creating the reallocation journal entry. The journal entry will debit the Central Cash Account associated with the Invoice and credit the cash account of the bank code assigned on the individual fund in FTFVUND.

Oracle Developer Forms Runtime - Web: Open > FTMFUND

File Edit Options Block Item Record Query Tools Window Help

Fund Code Maintenance FTMFUND 7.0 (SEED)

Chart of Accounts: Active Status Last Activity Date:

Grant:

Proposal:

Fund: Title:

Effective Date: Termination Date: Next Change Date:

Expenditure End Date:

Fund Type: Data Entry

Predecessor Fund:

Financial Manager:

Unbilled Accrual Account:

Revenue Account:

Bank: ←

Cash Receipt Bank Code:

Capitalization Fund Indicator:

Capitalization Equity Account:

Capitalization Fund:

Multiple Fund Balance Indicator:

Restriction Indicator:

Defaults: Organization Program Activity

All funds that are check as Data Entry must have a bank code defined for redistribution.

3. FTMSDAT –

- a. Finance System Id will be created for the Reallocation Document. The system ID will be ‘CAPRFEED’ Central A/P Reallocation Feed Process.

File Edit Options Block Item Record Query Tools Help ORACLE

System Data Maintenance FTMSDAT 7.0 (SDAKOTA7)

Entity or Usage Code: Attribute Code:
 Optional Code Number 1: Optional Code Number 2: Level:
 Chart of Accounts: Active Status Last Activity Date:
 Effective Date: Termination Date: Next Change Date:
 Description or Title:
 Short Title:
 Data:

Enter the highest level entity for this attribute.
 Record: 10/? | ... | List of Valu... | <OSC>

- b. Rule Class Codes will be used to identify transactions to load for document types of '20'. All check and check cancellations rule classes do not have to be identified. Document types of '8' and '5' will always be included in the insert to the new history table. The “Optional Code Number 1” will be advanced by one number for each code entered.

Oracle Developer Forms Runtime - Web: Open > FTMSDAT

File Edit Options Block Item Record Query Tools Window Help

System Data Maintenance FTMSDAT 7.0 (SEED)

Entity or Usage Code: Attribute Code:
 Optional Code Number 1: Optional Code Number 2: Level:
 Chart of Accounts: Active Status Last Activity Date:
 Effective Date: Termination Date: Next Change Date:
 Description or Title:
 Short Title:
 Data:

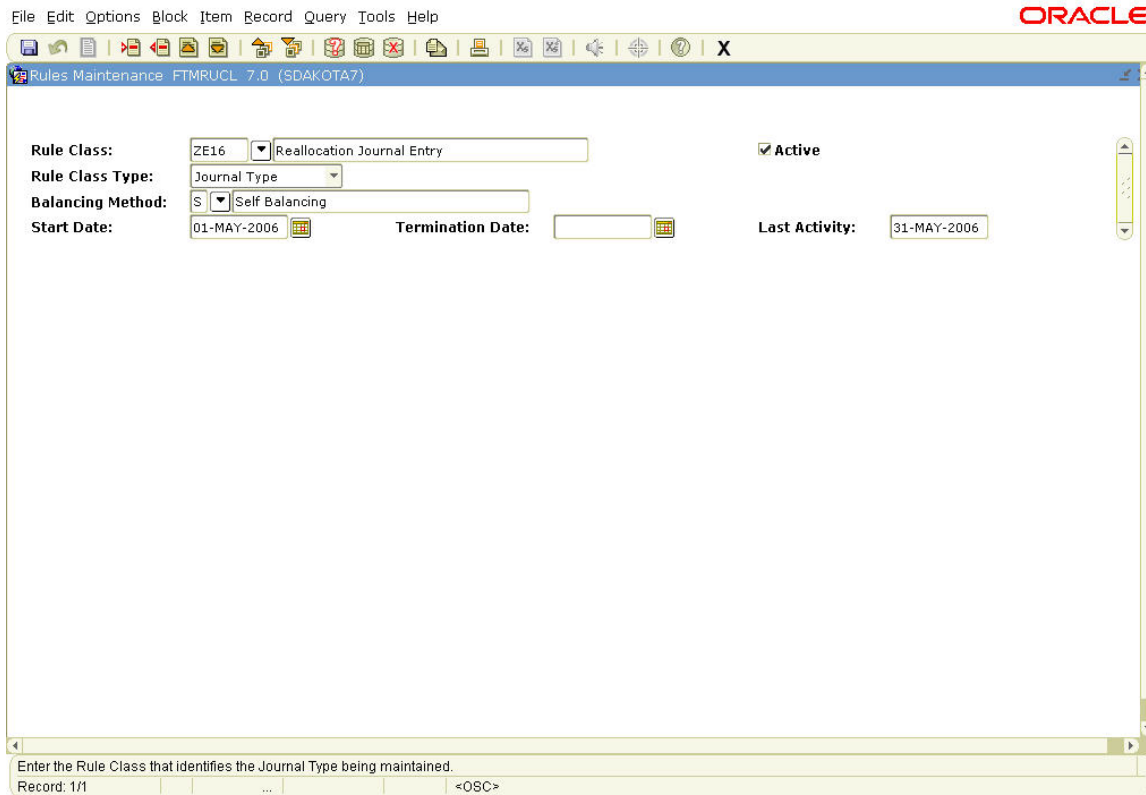
- c. The bank code 'SS' will be entered to describe the reallocation bank code. This bank code will be used during transaction selection process of the trigger. This is the Central A/P Bank Code, 'SS'.

- 4. FOMFSEQ – A new two character prefix will be created that describes the Central A/P Reallocation Feed Document. The document will have a prefix of 'RF' for Reallocation Feed. The first feed document will be 'RF000001'.

System ID	Document Number Prefix	Description	Maximum Sequence Number	Activity Date
CAPRFEE	RF	Central A/P Reallocation Feed	0	04-APR-2006

- 5. FTMRUCL – A new rule class will be developed that has +/- entry and has the same process codes as a 'JE16' with an additional 'G021' process code to balance the

transaction. The balancing method of this new rule class code will be ‘Self-Balancing’. This new rule class will be used on the journal entry that feeds to Banner® Finance. ‘ZE16 - Central A/P Reallocation Interface’ will be the code of the new rule class.



6. FTMFATA – will be loaded to identify any needed State Reporting elements that tie to specific FOAPAL elements.
 - a. FTMATTT - A record will be created for State Reporting Elements.
 - b. FTMATTV - The attribute values will be a code and description of the state value. The code will then be assigned to the specific piece of the FOAPAL that it relates to. The relationships are identified on FTMFATA.
 - c. Company Codes will be associated with the Banner® Fund. Attributes will be used to track this information. The Attribute Type will be “STATECO” for “State Company” and the Attribute Values will be the code and description of the Company Codes. Valid for Funds only.
 - d. Center Codes will be associated with the Banner® Fund. Attributes will be used to track this information. The Attribute Type will be “STATECE” for “State Center” and the Attribute Values will be the code and description of the Center Codes. Valid for Funds only.
 - e. State Account Codes will relate to expense accounts in Banner®. Attributes will be used to track this information. The Attribute Type

- will be “STATESA” for “State Account” and the Attribute Values will be the code and description of the State Account. Valid for Accounts only.
- f. State Account User will be associated with the Banner® Fund. Attributes will be used to track this information. The Attribute Type will be “STATESU” for “State Account User” and the Attribute Values will be the code and description of the State Account User Code. Valid for Funds only.
 - g. State CO & Special Codes will be associated with the Banner® Fund. Attributes will be used to track this information. The Attribute Type will be “STATESS” for “State CO & Special” and the Attribute Values will be the code and description of the State CO & Special Code. Valid for Funds only.

The State interface process will read the Banner Fund respective attributes to derive the associated Company and Center codes. The State interface process will read the Banner Account attribute to derive the associated State Account information. The process will read the respective Banner Fund attributes State Account User and State CO & Special and “overlay” or replace the value derived from the Banner Account attribute.

The following examples illustrate the process:

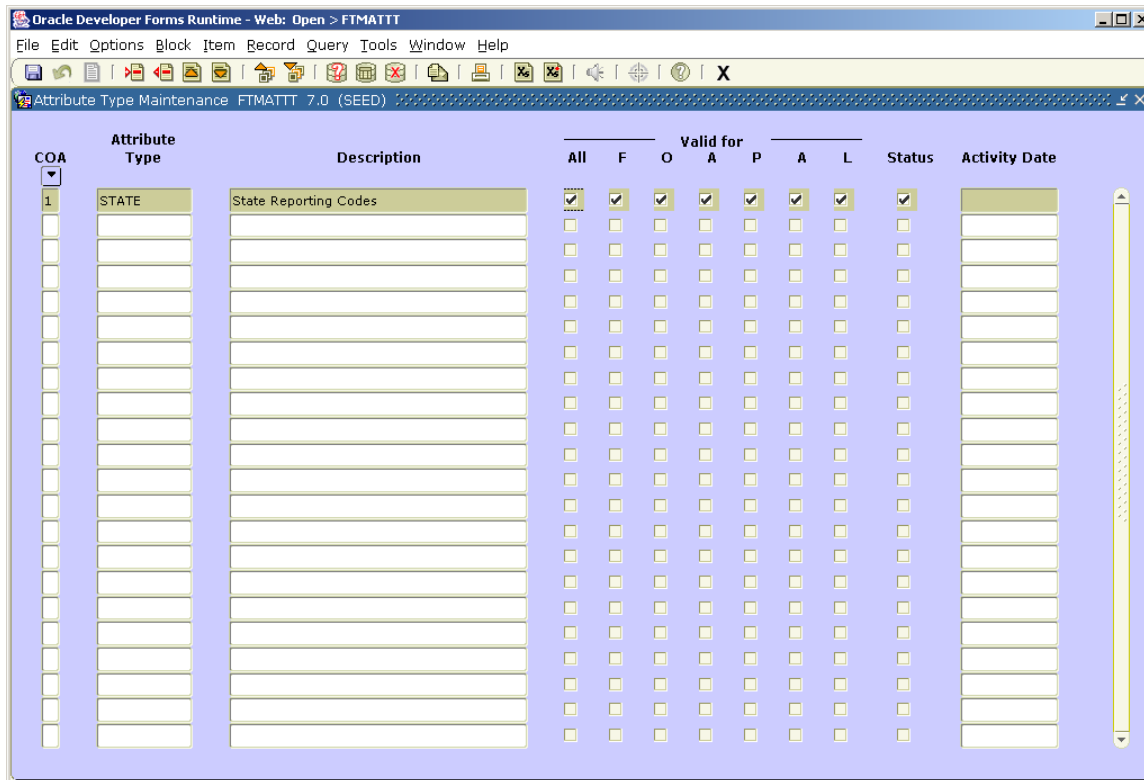
Example #1 – No State Account User or State CO & Special attribute values:

Banner transaction FOAPAL = (Fund) 910000 (Account) 755028
State System translation = (Company) 1000 (Center) 1590 (Account) 52050280

Example #2 – Transaction with State Account User and State CO & Special values:

State Account User attribute value = 6
State CO & Special attribute value = C
Banner transaction FOAPAL = (Fund) 111000 (Account) 755028
State System translation = (Company) 1000 (Center) 150101 (Account) 52C50286

The 3rd and 8th digit of the State Account value are “overlaid” with the State CO & Special attribute and State Account User attribute values when specific criteria with the state mapping is met (i.e. not blank).



Oracle Developer Forms Runtime - Web: Open > FTMATTV

File Edit Options Block Item Record Query Tools Window Help

Attribute Value Maintenance FTMATTV 7.0 (SEED)

Chart of Accounts: B SCT University
 Attribute Type: STATE State Reporting Codes
 FOAPAL Valid For: Fund Organization Account Program Activity Location

Attribute Value	Description	Begin Date	End Date	Valid for							Activity Date
				All	Fund	Organization	Account	Program	Activity	Location	
XCODE	STATE CODE 1	05-APR-2006		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05-APR-2006
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Oracle Developer Forms Runtime - Web: Open > FTMFATA

File Edit Options Block Item Record Query Tools Window Help

FOAPAL Attribute Association FTMFATA 7.0 (SEED)

Chart of Accounts: B

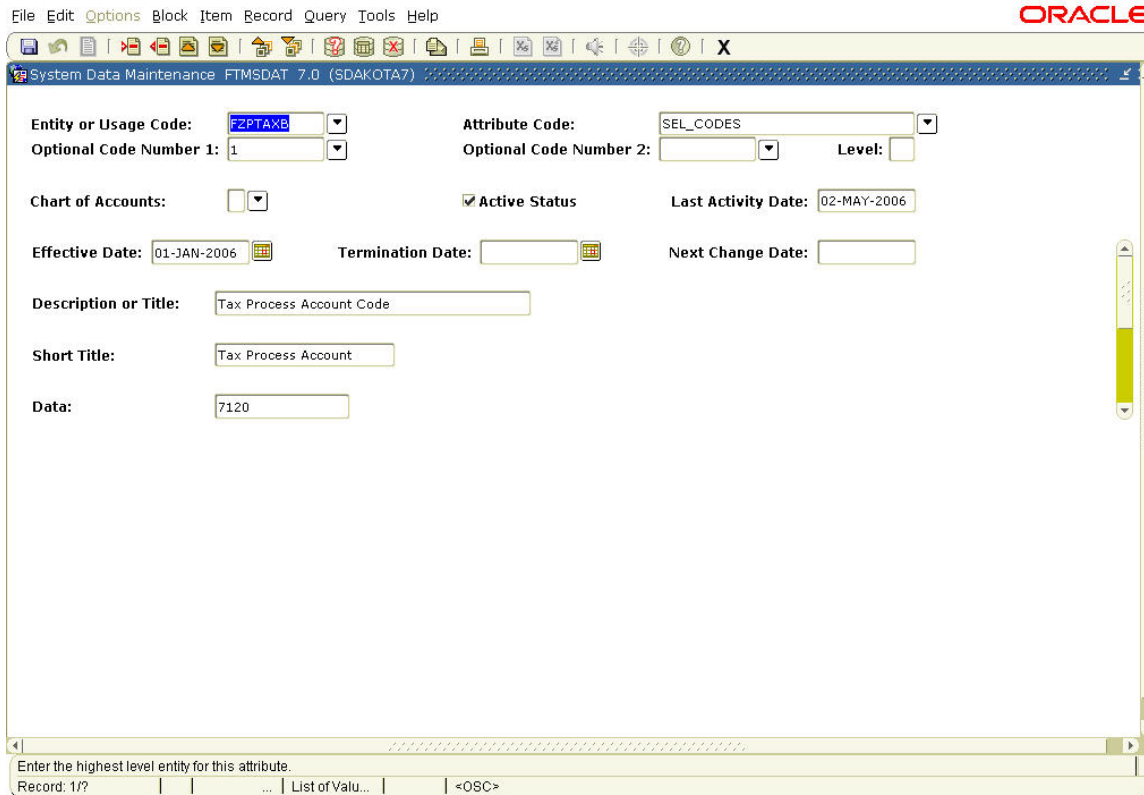
Select FOAPAL element to associate attributes: Fund Orgn Acct Prog Actv Locn Atpy Ftpt

Fund Code: 1110 Current Education and General Data Entry: Y

Predecessor Code: 1100 Current Unrestricted

Attribute Type	Description	Status	Attribute Value	Description	Begin Date	End Date
STATE	State Reporting Codes	<input checked="" type="checkbox"/>	XCODE	STATE CODE 1	05-APR-2006	
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
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		<input type="checkbox"/>				
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		<input type="checkbox"/>				
		<input type="checkbox"/>				

The set up for the FZPTAXB process: The account codes must be defined in FTMSDAT that will be included by the process. The Entity or Usage Code will be FZPTAXB, Attribute code will be SEL_CODES and the Optional Code Number 1 will be a one-up number for each account code entered. The account code will be entered in the Data field.



The Process:

SDBOR will create checks, ACH documents, or cancel checks in Baseline Banner® using the Central A/P Bank Account, "SS". When documents post, a pre-insert trigger on FGBTRNH will insert rows in a new check history table (FZBCHKR) for reallocation.

Documents will be loaded into the FZBCHKR table if they meet these criteria:

1. Document type '5' and '8' will always be loaded if the transaction's fgbtrnh_bank_code matches the FTVSDAT entry for BANK_CODE. (Entity Code FZBCHKR, Attribute Code BANK_CODE, and Data Field = fgbtrnh_bank_code)

or

2. Document type '20' will be loaded if the Rule Class Code matches FTVSDAT entry for RUCL_CODE (Entity Code FZBCHKR, Attribute Code RUCL_CODE, and Data Field = fgbtrnh_rucl_code) and the Bank Code matches the FTVSDAT entry for BANK_CODE. (Entity Code FZBCHKR, Attribute Code BANK_CODE, and Data Field = fgbtrnh_bank_code).

Data captured will include the full FGBTRNH Key Index, Chart of Accounts, Fund and Bank codes, Transaction Date and Transaction Amount. Additional columns to store data used in the reallocation and interface processes will also exist in this table. (See FZBCHKR table in the new table section for all fields to load)

A new process FZPCHKR will be run. The process does these steps:

1. Identifies all transactions that have not fed to Finance. FZBCHKR_FEED_DOC_CODE is null, FZBCHKR_FEED_DATE is null, and FZBCHKR_ACCT_FEED_IND = 'Y'
2. Retrieve the GXVBANK_FUND_CODE and GXVBANK_ACCT_CODE_CASH from GXVBANK based on the FZBCHKR_BANK_CODE field on the individual transaction in FZBCHKR. Currently, there is only one bank code that will populate the FZBCHKR table but the architecture does allow for other codes based on the FTMSDAT record for BANK_CODE.
3. Retrieves the FTVFUND_BANK_CODE for the transactions' FZBCHKR_FUND_CODE. The process will use this bank code to identify the GXVBANK_FUND_CODE and GXVBANK_ACCT_CODE_CASH from GXVBANK.
4. Calculates the transaction amount and debit and credit indicator based on the rule class of the original transaction.
5. Retrieves the next document number for the CAPRFEED system id from FOBFSEQ. The prefix is 'RF'
6. When the process is run in (U)pdate mode, based upon Bank Code / Cash Account rules derived from the FTVFUND table bank code column, process will format journal entries for insertion into the Banner baseline GURFEED / FURFEED / FGRTRNI architectures. The process will insert reallocation transactions into GURFEED, creating a

summary GURFEED header record after the last detail transaction is built. The process will typically create a debit to the Central A/P Cash Account and credit the Participating funds' Cash Account. See *Populating Gurfeed* section below for values loaded.

7. When the process is run in (U)pdate mode, process will update the FZBCHKR_FEED_IND to an 'F' and populate the FZBCHKR_FEED_DOC_CODE and FZBCHKR_FEED_DATE.
8. Create two associated reports:
 - a. FABCHKR information with the FOAPAL detail associated with each Check Number/Invoice transaction. The Report will contain: Document Code, Payee Information, chart, fund, organization, account, program, activity, location, and bank code that resides on the fund. Ordered by check number and totaled by report. (Only show documents where the FZBCHKR_FEED_DOC_CODE is null.

Report 1 Example:

REPORT FZPCHKR	South Dakota Board of Regents Central A/P Cash Reallocation Report	RUN DATE: 04/06/2006 TIME: 05:15 PM
----------------	---	--

Check/Doc NUMBER	Fund Bank	PAYEE/VENDOR NAME	A/P DOC#	C Fund	Orgn	Acct	Prog	Actv	Locn	AMOUNT
11000000	01	First Nat'l Bank of West Chest	I0000009							125.00
11000000	01	First Nat'l Bank of West Chest	I0000023							25.00
		Check total:								150.00
11000001	01	Test Payee	I0000065							26.00
11000002	01	Test 2 Payee	I0000022							199.00
11000003	03	Test 3 Payee	I0000064							825.00
Report Total:										1,200.00

Bank Code from the AP Default Bank from FTVFUND using the transaction source fund

- b. FABCHKR information sorted and subtotaled by redistributed Bank Code (Fund Bank). Same as above but sorted differently. (only show documents where the FZBCHKR_FEED_DOC_CODE is null

Report 2 Example:

REPORT FZPCHKR

South Dakota Board of
 Regents
 Central A/P Cash Reallocation Report

RUN DATE: 04/06/2006
 TIME: 05:15 PM

Check/Doc NUMBER	Fund Bank	PAYEE/VENDOR NAME	A/P DOC#	C Fund	Orgn	Acct	Prog	Actv	Locn	AMOUNT
11000000	01	First Nat'l Bank of West Chest	I0000009							125.00
11000000	01	First Nat'l Bank of West Chest	I0000023							25.00
11000001	01	Test Payee	I0000065							26.00
11000002	01	Test 2 Payee	I0000022							199.00
Total By Bank Code:										375.00
11000003	03	Test 3 Payee	I0000064							825.00
Total by Bank Code:										825.00
Report Total:										1,200.00

9. Retrieves required state data elements (Company, Account, and Center) from attributes codes associated with the FZBCHKR_FUND_CODE and the FZBCHKR_ACCT_CODE. These attributes will be used in the State Interface Files. The two State interface files are the FSI file and the RCNTRANS file.
10. Creates two State interface files. The layout of these files is listed in the *InterfaceFiles* section below.
11. Creates a State interface expenditure report from formatted FSI information. Report will provide subtotals by each unique Company/Center/Account/Description combination, with totals by Company/Center combination and report grand total.
12. Expenditure interface file will contain FSI transactions summarized at the Company/Center/Account/Description level.

Example of the report format is as follows:

Company	Center	Account	A/P Doc #	Amount
1000	1536	52045300	I0000001	125.00
1000	1536	52045300	I0000002	100.00
Total Account 52045300				225.00
1000	1536	52045400	I0000003	600.00
1000	1536	52045400	I0000006	200.00

Total Account 52045400	800.00
Total Company 1000 Center 1536	1025.00
Report Total	95,985.00

Report 1 and 2 will be ordered by date.

Report 3 will first group by Day, Description and then by Company/Center/Account.

Report 3 will use the new description field in FZBCHKR order and group the report. The Document ID will change based on when the description changes in the file. All Check Transaction – BOR and ACH payments will be grouped under one document id. All Cancelled Checks – BOR and Cancelled ACH will also be grouped under one document id. All other descriptions for the day will have their own document id. The report will provide subtotals by each unique Company/Center/Account combination under each description and report grand total. This will be done for each day that is in the file. The report will break on the day and report the day in the page header section of the report.

Populating GURFEED Document Header Records (Required Fields)

GURFEED_SYSTEM_ID Defined in FTMSDAT as defined above. The new system id is 'CARFEED'.

GURFEED_SYSTEM_TIME_STAMP
 Format TO_CHAR(sysdate,'YYYYMMDDHH24MISS');
 for example, April 5, 2006 would be 20060405000000.
 This must also be the same value on the associated detail records.

GURFEED_DOC_CODE The document identifier for the Journal Voucher. This is the code used to view detail data after the document has posted to the ledgers. This must also be the same value on the associated detail records. This will be controlled by the one-up number from FOBFSEQ table that allows for a two digit prefix and one up number. The two digit prefix will be 'RF' for the system id 'CAPRFEED'.

GURFEED_REC_TYPE Set = "1" for header records

GURFEED_SEQ_NUM Set = "0" for header records. This field cannot be null!

GURFEED_ACTIVITY_DATE

	Format DD-MMM-YYYY (05-APR-2006). Typically the System Date or the date the Gurfeed record is populated.
GURFEED_USER_ID	Typically 8 bytes in length (FIMSMGR) with a maximum of up to 30 characters. The Oracle User ID of the person creating this transaction. Must also be the same value on the associated detail records.
GURFEED_TRANS_DATE	Format DD-MMM-YYYY (05-APR-2006). This is the date used to determine which Fiscal Year and Fiscal Period the transaction posts into the ledgers. Must also be the same value on the associated detail records.
GURFEED_TRANS_AMT	The total of all the values of each transaction in document detail records. I.E 1 record has debit of 100 dollars, record 2 has a credit of 100 dollars; the header transaction amount is represented as 200 dollars.

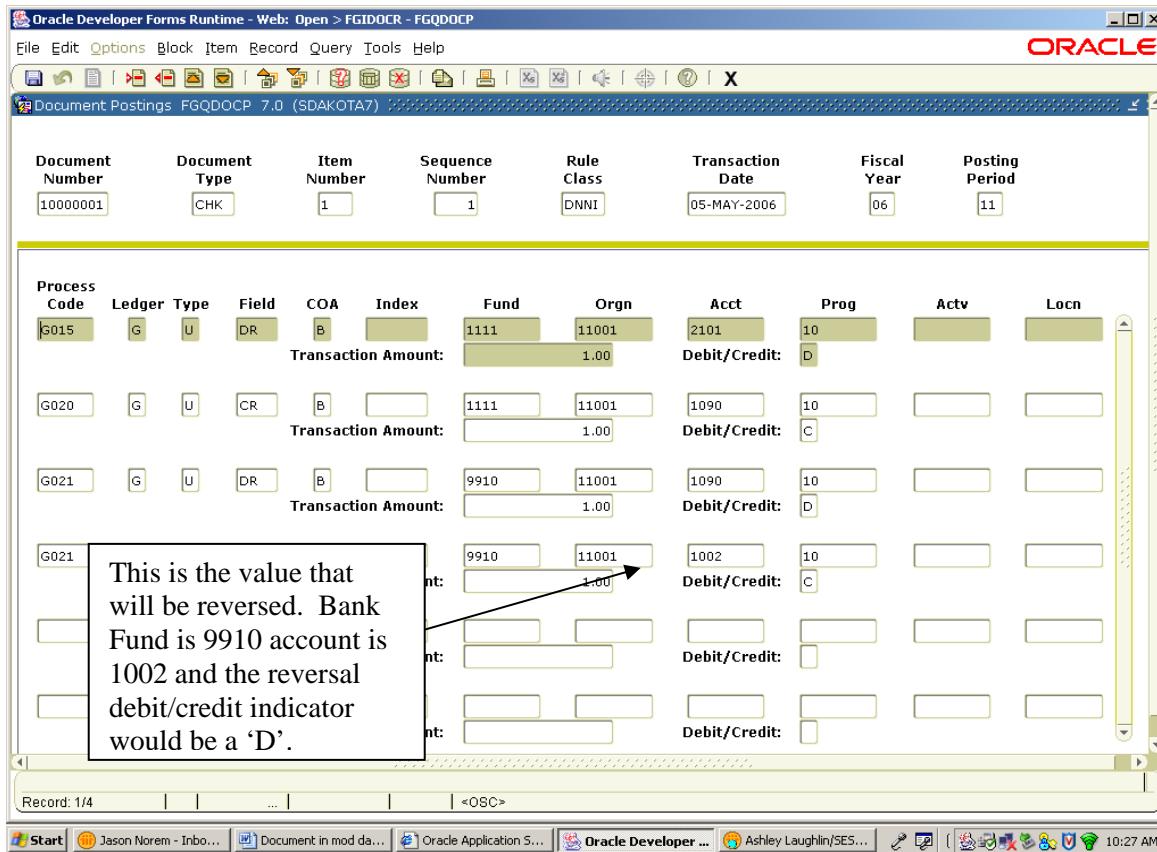
Populating GURFEED Document Detail Records (Required Fields):

GURFEED_SYSTEM_ID	Matches Header
GURFEED_SYSTEM_TIME_STAMP	Matches Header
GURFEED_DOC_CODE	Matches Header
GURFEED_REC_TYPE	Set = "2" for detail records
GURFEED_SEQ_NUM	A "One-Up" line number for each detail record unique within the document. Begin with the number 1.
GURFEED_ACTIVITY_DATE	Format DD-MMM-YYYY (05-APR-2006). Typically the System Date or the date the Gurfeed record is populated
GURFEED_USER_ID	Matches Header
GURFEED_RUCL_CODE	The rule class code defined in FTVRUCL above. The rule class will be 'ZR16'.
GURFEED_TRANS_DATE	Matches Header
GURFEED_TRANS_AMT	The dollar amount of the transaction.

GURFEED_TRANS_DESC	Brief description of the journal voucher record being created. 'Central A/P Reallocation Feed'
GURFEED_DR_CR_IND	The debit credit indicator. Set to 'D' or 'C' for general ledger type transactions. This document will only contain general ledger account numbers. This will be loaded as a reversal to the original effect on the Central A/P Bank Cash Account. Original transaction was a 'D' make the reallocation entry a 'C' and vice versa.
GURFEED_COAS_CODE	Chart of Accounts code defined in FTVCOAS.
GURFEED_FUND_CODE	Field should be Left Justified with no blanks in it. This will be the Bank Fund of the Central A/P Bank Account. This value is determined by the original bank code on the transaction joined to GXVBANK to get the bank fund code.
GURFEED_ORGN_CODE	Null for this process
GURFEED_ACCT_CODE	Field should be Left Justified with no blanks in it. This will be the Bank account of the Central A/P Bank Account. This value is determined by using the original bank code on the transaction joined to GXVBANK to get the bank account code.
GURFEED_PROG_CODE	Null for this process
GURFEED_BANK_CODE	will be the reallocation bank from the FZBCHKR table

The journal entry created will debit or credit the Fund/Account combination for the Central A/P Bank, "SS".

FGBTRND will be used to identify the effect on the Central A/P Bank Account. A self-balancing rucl code will be used to post the other side of the transaction. If FZBCHKR_RUCL_CODE is DNEI or a DNNI the GURFEED_DR_CR_IND will be a debit for the Central A/P Bank (fund/acct from GXVBANK based on the FZBCHKR_BANK_CODE) and a GURFEED_BANK code will be the reallocation bank code. The credit to the individual funds' bank code will be done by the posting process



The upload to gurfeed will first identify what the effect was on the Central A/P bank account or the bank account that is on the transaction. GXVBANK will have the bank fund and bank account to join to FGBTRND get the effect on the bank account. Pull this transaction in the code and insert it to gurfeed with the reallocation bank code. The sign of the transaction should be reversed. SunGard Higher Education will develop a rule class ZE16 that balances the transaction using the bank information from the reallocation bank.

After running the FZPCHKR Process in update mode

Following are the steps one must take in order to bring the population of the GURFEED table into Finance:

1. Run FURFEED (Finance Feed Sweep Process) to process and delete the GURFEED table records and populate the FGBTRNI table records.
2. Run FGRTRNI (Transaction Input Processing Report) to process and delete the FGBTRNI table records and create journal voucher records by populating FGBJVCH and FGBJVCD table records. If no errors occur, a record is also inserted in the FOBAPPD table (Approved Document Table).

3. RUN FGRTRNR (Transaction Error Report) to determine if any errors occurred during the process. If errors occurred and the settings on transaction were set to suspend, correct the journal voucher document on the form FGAJVCD.
4. RUN FGRACTG (Posting Report) to process and delete the journal voucher records FGBJVCH and FGBJVCD.

Interface Files:

1. FSI interface file

The FZPCHKR process will have an edit up front to check to see if there are records to process. If no records are found, the job will error and report the error of "No records to process." This way the data files will not be created with zero output.

File Naming Convention

When records are found, the data files naming convention will include date/timestamp concatenated to the name of the job's output file. This will insure correct reporting to the State and will insure that no file will be overwritten. This new naming convention is only for the files created in 'update mode'. The files created in 'audit mode' will just have AUDIT and the job name. The file will be overwritten when the job is run in audit mode a second time.

The FSI file example would be AUDIT_FSI.DAT when run in audit mode.

The FSI file example would be FSI200607181415.DAT -- for 18-Jul-2006 at 14:15 when run in update mode.

The Document ID logic

E157nnnnnn

The one digit fiscal year will be retrieved from the FTVFSYR table using the system date to identify the current fiscal year. The one-up-numbering (nnnnnn) will now have six digits available.

The one digit fiscal year of the file will be the derived from the day the file was run in update mode. If the run date is June 30, 2006 the fiscal year will be '6'. If the run date is July 1, 2006 the fiscal year will be '7' even if there were transactions in the file from a previous day.

New Document ID's will be created for each description in the file by day.

The Document ID2 will be unique for every type of transaction for the day based on the description. ACH and Check - BOR documents will be grouped together in one

document id for the day. Check Cancellations – BOR and ACH Cancellations will also be grouped into another document id for the day. All others will use the description to determine whether a new document ID will be created. A new document id will be created for every BAP code entry in the file for the day because the description will be unique. The corresponding State Warrant Imprest Summary Credit/Debit Entry will also have the same document ID number as the expenditure entry.

Transactions included in the FSI file:

1. Transactions from the FZBCHKR table for the expense reporting side to the State of South Dakota.

FSI record layout includes fields called Company, Account, Center, and Project Code. These fields will be defined as attributes in Banner® Finance to create the interface file. SDBOR will be using attributes on the Fund and Account Codes to satisfy this requirement. In addition to these fields the Company, Center and Account need to be grouped and reported by the Description of the transaction.

2. State Warrant Imprest Credit/Debit Entry

a. All Check Transactions need to have an offsetting entry made to the FSI file in summary by BAP code for the day.

b. All Check Cancellation transactions need to have an offsetting entry made to the FSI file in summary by BAP code for the day.

The Warrant Imprest fund needs to be debit/credited for all check/check cancellation transaction amounts. The transactions should be subtotaled by BAP code. The Company, Account and Center codes will be hard-coded based on the BAP code of the transaction for this part of the FSI file. The transactions will have the opposite sign of the sum of the transactions creating the entry. All check transactions creating the entry will have a credit or '60' and all check cancellations will have a debit entry or '10'. The document id will be the same as the document id number of the records creating the transaction. Here is an example of the values based on the BAP Code:

Description	Check # Char 1-2	BAP	Company	Account	Center	Debit/Credit Code
Check Transaction – BOR	11	BOR	9000	2209321	330032	Check type transaction 60 Cancelled Checks 10 Check type transaction 60
Check Transaction – USD	22	HXA	9000	2209322	330032	Cancelled Checks 10 Check type transaction 60
Check Transaction –	33	SDA	9000	2209323	330032	Check type transaction

SDSU						60 Cancelled Checks 10 Check type transaction
Check Transaction - SDSMT	44	SMA	9000	2209324	330032	60 Cancelled Checks 10 Check type transaction
Check Transaction - NSU	55	NSA	9000	2209325	330032	60 Cancelled Checks 10 Check type transaction
Check Transaction - BHSU	66	BHA	9000	2209326	330032	60 Cancelled Checks 10 Check type transaction
Check Transaction - DSU	88	DSA	9000	2209328	330032	60 Cancelled Checks 10

New Edit for FZPCHKR.

NOTE: The BAP code is identified by the first two characters of the check number. If they check does not fall in this numbering an error will report and the job will fail. The table will have to be updated if this type of error occurs. This type of error will only occur if an incorrect starting check number is used in the check process and is allowed to post. If the error occurs, the record will have to be corrected by SDBOR with a table update to FZBCHKR.

Description 1a - Detailed information

The field description 1a in the FSI file layout will be changed based on the type of transaction. This description value will be used in the FSI file. A FTMSDAT record will be created for all JV rule classes to allow for the description to be changed on the extracts and reports. The checks, ACH and Check cancellation descriptions will be hard-coded as these values:

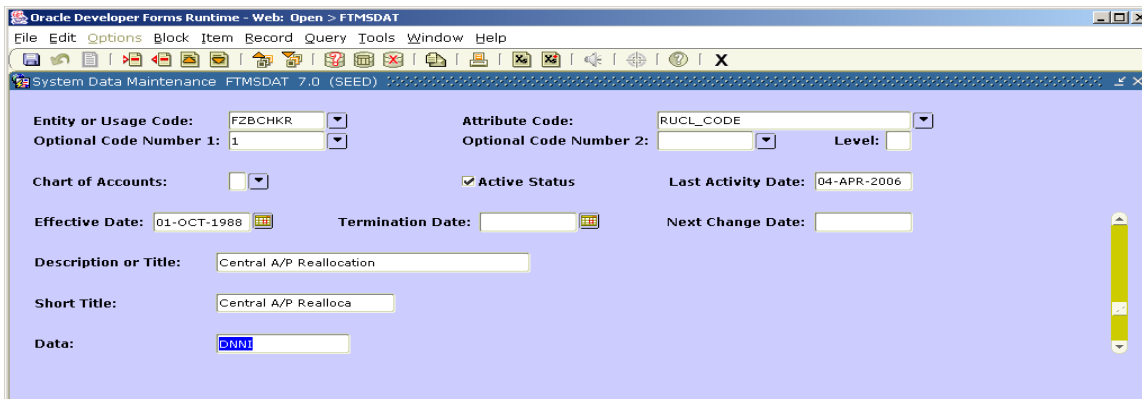
- DOC TYPE '08' STARTING WITH '!' SHOULD READ - ACH TRANSACTIONS
- DOC TYPE '08' STARTING WITH A '11' SHOULD READ - CHECK TRANSACTIONS – BOR
- DOC TYPE '08' STARTING WITH A '22' SHOULD READ – CHECK TRANSACTIONS – HXA
- DOC TYPE '08' STARTING WITH A '33' SHOULD READ – CHECK TRANSACTIONS – SDA
- DOC TYPE '08' STARTING WITH A '44' SHOULD READ – CHECK TRANSACTIONS – SMA

- DOC TYPE '08' STARTING WITH A '55' SHOULD READ – CHECK TRANSACTIONS – NSA
- DOC TYPE '08' STARTING WITH A '66' SHOULD READ – CHECK TRANSACTIONS – BHA
- DOC TYPE '08' STARTING WITH A '88' SHOULD READ – CHECK TRANSACTIONS – DSA
- DOC TYPE '05' STARTING WITH A '11' SHOULD READ - CANCELLED CHECKS – BOR
- DOC TYPE '05' STARTING WITH A '22' SHOULD READ – CANCELLED CHECKS – HXA
- DOC TYPE '05' STARTING WITH A '33' SHOULD READ – CANCELLED CHECKS – SDA
- DOC TYPE '05' STARTING WITH A '44' SHOULD READ – CANCELLED CHECKS – SMA
- DOC TYPE '05' STARTING WITH A '55' SHOULD READ – CANCELLED CHECKS – NSA
- DOC TYPE '05' STARTING WITH A '66' SHOULD READ – CANCELLED CHECKS – BHA
- DOC TYPE '05' STARTING WITH A '88' SHOULD READ – CANCELLED CHECKS – DSA
- DOC TYPE '05' STARTING WITH AN ! SHOULD READ – CANCELLED ACH

Journal Type transactions will use this logic to populate the FZBCHKR_EXPORT_DESC:

doc type '20' transactions will have a unique description for each rule class identified in the set up. The current record's short description of the FTMSDAT record for the identified rule class code will be used in the reports and extracts.:

- d. Rule Class Codes will be used to identify transactions to load for document types of '20'. All check and check cancellations rule classes do not have to be identified. Document types of '8' and '5' will always be included in the insert to the new history table. The "Optional Code Number 1" will be advanced by one number for each code entered. The Short Title will be used as the description of the type of transaction for exports files.



The FSI record layout is listed below:

Name of Field	Length	From	Thru	Remarks
Source System	2	1	2	"HE"
Destination	2	3	4	"GL"
Document Type	3	5	7	Not Used
Activity	12	8	19	Not used
Source Document ID1 (ID1 and ID2 are really one field but listed in this table separately.)	44	20	53	Blank
Source Document ID2	10	54	63	Format should be E157nnnnnn The 4 th digit (7) indicates fiscal year for the system date of the run and the last six digits should be the updated to a "1-up" number each time the process is run (start with 000001, then 000002, etc.) (left justified)
Source Document Line #	4	64	67	Not used
Application Work Area	2	68	69	Not used
Filler	22	70	91	Filler (Spaces)
Accounting Rule	2	92	93	"01"
Summarize Indicator	1	94	94	Blank
Funding Company	4	95	98	Not used
Filler	35	99	133	Filler (Spaces)
Company	4	134	137	Not used

Application Area	2	138	139	"HE"
Batch Number	2	140	141	Not used
Data Type	1	142	142	"2"
Batch Total	10	143	152	Not used
Batch Total # Decimals	2	153	154	Not used
Closed Period Adjust	1	155	155	"0"
Effective Date	4	156	159	<i>packed hexadecimal Julian value as described below. This appears from the info faxed in element 20 Effective Date, 23 Reversing Effective Date, 27 Recurring Purge Date, 36 Effective Date. For example, the file created has a 171 (June 20th) in Effective Date and should be 2006171F. If no date, then all zero packed value (i.e. 000F)</i>
Source Generate Code	1	160	160	"0"
Project Company	4	161	164	Blank
Reversing Effective Dt	4	165	168	<i>packed hexadecimal Julian value as described below. This appears from the info faxed in element 20 Effective Date, 23 Reversing Effective Date, 27 Recurring Purge Date, 36 Effective Date. For example, the file created has a 171 (June 20th) in Effective Date and should be 2006171F. If no date, then all zero packed value (i.e. 000F)</i>
Suspense Account	18	169	186	Not used
Suspense Center	12	187	198	Not used
Recurring Code	1	199	199	Blank

Recurring Purge Date	4	200	203	<i>packed hexadecimal Julian value as described below. This appears from the info faxed in element 20 Effective Date, 23 Reversing Effective Date, 27 Recurring Purge Date, 36 Effective Date. For example, the file created has a 171 (June 20th) in Effective Date and should be 2006171F. If no date, then all zero packed value (i.e. 000F)</i>
Date Format Code	1	204	204	Not used
Item Number	4	205	208	One up numbering for the document
Transaction ID	1	209	209	"1"
Debit/Credit Code	2	210	211	10 – Debit 60 - Credit
Company	4	212	215	Calculated based on a fund attribute
Account	18	216	233	Calculated based on an acct attribute
Center	12	234	245	Calculated based on a fund attribute
Source Code	10	246	255	Same as Source Doc ID2 above (left justified)
Effective Date	4	256	259	Run Date <i>packed hexadecimal Julian value as described below. This appears from the info faxed in element 20 Effective Date, 23 Reversing Effective Date, 27 Recurring Purge Date, 36 Effective Date. For example, the file created has a 171 (June 20th) in Effective Date and should be 2006171F. If no date,</i>

				then all zero packed value (i.e. 000F)
Amount	10	260	269	Sum(FZBCHKR_TRANS_AMT) (amount must be > 0)
Amount # Decimals	2	270	271	"02"
Description 1a	29	272	300	Calculated based on type of transaction: See Description 1a - Detailed Information.
Description 1b	1	301	301	"C"
Description 2	12	302	313	Blank
Description 3	10	314	323	Blank
Project Code	12	324	335	Blank
Statistical Amt	10	336	345	Not used
Stat Amt # Decimals	2	346	347	Not Used
Currency Code	4	348	351	Not Used
Foreign Amount	10	352	361	Not Used
Foreign Amt # Decimals	2	362	363	Not Used
Exchange Rate	10	364	373	Not Used
Exchange Rt # Decimals	2	374	375	Not Used
Filler	33	376	408	Filler (Spaces)

For additional information see (FSI record layout.pdf)

*FSI File - All packed fields noted by the column titled "Class" with a P in it need to be initialized to an **all zero packed value** for the length of that field when not used and should not consist of blanks. Those in the layout appear to be Packed 10 so would be 000000000F.*

Fields with a Z under the "Class" column needs to have an "02" in them at all times even if there is no amount populated in the field prior to it. Those would be fields elements: 18: Batch Total # Decimals, 38: Amount # Decimals, 44: Stat Amt # Decimals, 47: Foreign Amt # Decimals, 49: Exchange RT # Decimals.

2. RCNTRANS Interface File

Is for Check Reporting to the State of South Dakota. Cancellations and ACH Payments do not appear on this file. Check transactions should be summarized into one line per check.

File example:

Name of Field	Length	From	Thru	Remarks
AP_RECORD_TYPE	2	1	2	"02"
AP_BANK_ACCOUNT	14	3	16	"000153031360"
AP_FILLER_1	23	17	39	Filler
AP_WARRANT_NUMBER_FROM	10	40	49	Check Number FZBCHKR_DOC_CODE (lpad with zeros)
AP_WARRANT_NUMBER_TO	10	50	59	Filler
AP_DATE	8	60	67	Date format (MMDDYYYY) date of check FZBCHKR_TRANS_DATE
AP_DATE_FORMAT	1	68	68	"2"
AP_AMOUNT	15	69	83	Amount of the check FZBCHKR_TRANS_AMT
AP_BAP_CODE	3	84	86	Calculated based on the table below
AP_PAY_ENTITY	4	87	90	Filler
AP_VENDOR_NUMBER	10	91	100	Filler
AP_VENDOR_GROUP	2	101	102	Filler
AP_PAYEE_NAME	30	103	132	FZBCHKR_TRANS_DESC
2 AP_FILLER_2	22	133	152	Filler

BAP Code calculation:

Description	Check # Char 1-2	BAP
BOR Central A/P	11	BOR
USD Manual	22	HXA
SDSU Manual	33	SDA
SDSMT Manual	44	SMA
NSU Manual	55	NSA
BHSU Manual	66	BHA
DSU Manual	88	DSA

Example of the RCNTRANS file:

```

.....1.....2.....3.....4.....5.....6.....7.....8
02000153031360          0055242556          03302006200000000012664
3NSA                    WOMEN IN SERVICE COMMITTEE
02000153031360          0055242557          0330200620000000000500
ONSA                    GARAM LEE
02000153031360          0055242558          03302006200000000002360
ONSA                    HW WILSON COMPANY
02000153031360          0055242559          03302006200000000001436
9NSA                    JOHN WILEY & SONS INC

```

3. Taxable Reimbursement file

Another Process called FZPTAXB – Tax Benefit Reporting Process is needed. This process will create a tax benefit summary data file to be used in the interface to the PayPerS System. The process will also update the FZBCHKR_TAXB_REPORT_DATE and FZBCHKR_TAXB_FEED_IND in FZBCHKR. This update is needed to track what payments have been reported by this process.

The process will also create a report showing the information reported in the data file. The report should have detailed transaction information as well as summary totals by tax benefit account. The report will provide FOAPAL information for each transaction to enable crosswalk to legacy PayPerS expenditure coding. Report can be run multiple times in audit mode but will generate the interface file in summary in update mode only.

An employee may have multiple taxable benefits (i.e. non-overnight meals) paid to him/her during the month from the same account. All taxable benefit records for an individual employee that are paid from the same account need to be accumulated into one record in the interface file.

The process will select transactions with a Banner expense code of 733140 or 733340. The process will only report check and ach transactions, no cancellations.

FTMSDAT will be loaded with an Entity Code of FZPTAXB and attribute code of Sel_Codes. Optional code 1 will be loaded with a one up numbering for each expense code entered. The data field will hold the account code value for the FZPTAXB process to use when selecting records in the FZBCHKR table.

The layout of the file that AP needs to produce for PayPerS is as follows:

Name of Field	Length	From	Thru	Remarks
#SOCSEC(A9)	9	1	9	Soc. Sec (SPBPERS_SSN by joining the FZBCKR_VENDOR_PIDM to the SPZBPERS_PIDM)
FILLER 1X	1	10	10	Filler
#NAME(A10)	10	11	21	Name (doesn't get loaded into PayPerS just partial name to verify who the payment is to)
FILLER 1X	1	22	22	Filler
#PC(A1)	1	23	23	1
FILLER 1X	1	24	24	Filler
#PT(A1)	1	25	25	T
FILLER 1X	1	26	26	Filler
#ACCT- NUM(A14)	14	27	31	Filler
FILLER 1X	1	32	32	Filler
#B-DATE	8	33	41	Date Parameter of the job format MMDDYYYY
FILLER 1X	1	42	42	Filler
#E-DATE	8	43	51	Date Parameter of the job (looks like it can be the same value as B-DATE)
FILLER 1X	1	52	52	Filler
#PERC(N2.3)	6	53	58	0
FILLER 1X	1	59	59	Filler
#AMT(N6.2)	8	60	68	Sum of the FZBCHKR_TRANS_AMT for the individual employee for this run
FILLER 1x	1	69	69	Filler
FUND	6	70	75	FZBCHKR_FUND_CODE
ORGN	6	76	81	FZBCHKR_ORGN_CODE
ACCT	6	82	87	FZBCHKR_ACCT_CODE

Name of Field	Length	From	Thru	Remarks
PROG	6	88	93	FZBCHKR_PROG_CODE
ACTV	6	94	99	FZBCHKR_ACTV_CODE
LOCN	6	100	106	FZBCHKR_LOCN_CODE

Taxable Reimbursement File example:

```
XXXXXXXXXX BANKS*GUIN 1 T 3198231019      12102004 12102004 00000 00000700
XXXXXXXXXX BIRGEN*CON 1 T 4000531019      12102004 12102004 00000 00000700
XXXXXXXXXX BLASCHKE*K 1 T 4026271019      12102004 12102004 00000 00000700
XXXXXXXXXX BLISS*PAUL 1 T 3317771019      12102004 12102004 00000 00001900
```

1.4.2 New Human Computer Interactions (HCI)/Forms

N/A

1.4.3 Modified Human Computer Interactions (HCI)/Forms

N/A

1.4.4 New Web Applications

N/A

1.4.5 Modified Web Applications

N/A

1.4.6 New Processes

1.4.6.1 FZPCHKR Central A/P Cash Reallocation Process

Loads Gurfeed with a reallocation journal entry, prints reports, and creates the FSI and RCNTRANS interface files.

1.4.6.2 FZPTAXB Taxable Benefit Reporting Process

Creates a flat file to be used to interface to the PayPerS Payroll System. The process will update FZBCHKR_TAXB_REPORT_DATE and FZBCHKR_TAXB_FEED_IND on the recorded when run in update mode. A detail report of the transaction is also produced. The file will contain summary information by taxable benefit account code.

1.4.7 Modified Processes

1.4.7.1 Furapay Process Modification

The FURAPAY process will be modified to ignore bank code defaults on the FTVFUND record. The process will be delivered as FZPAPAY and will only use the bank code entered as a parameter though job-submission. No other changes were made to the job.

1.4.8 New Reports

1.4.9 Modified Reports

1.4.10 New Reporting Structures

1.4.11 Modified Reporting Structures

1.5 Database

1.5.1 New Tables

1.5.1.1 FZBCHKR – Check Reallocation Interface History Table

Check Reallocation Interface History Table, will be created to capture the check/ACH transaction history. The table will include the transaction information of the specified document types and rule class codes previously defined in the FTMSDAT table. In addition to the transaction information, the table will contain two additional fields for tracking purposes. The first field will be the reallocation feed indicator and the other will be the interface indicator. The reallocation feed indicator, feed document number, and feed date will be used to determine whether the transactions have been reallocated and fed to the Banner® GURFEED table. The second indicator will be used to determine whether the transaction has been interfaced/reported to the State. These indicators will be updated by the corresponding process FZPCHKR. The table will be initially populated with these above values using a table trigger on the baseline table FGBTRNH.

The table structure will be as follows:

Name	Type	Null?	Comments
FZBCHKR_RUCL_CODE	VARCHAR2(4)		RULE CLASS CODE: The four character alphanumeric code identifying an accounting transaction rule class.
FZBCHKR_DOC_SEQ_CODE	NUMBER(2)		DOCUMENT SEQUENCE NUMBER:

Name	Type	Null?	Comments
FZBCHKR_DOC_CODE	VARCHAR2(8)		DOCUMENT: The user-defined or system generated document number.
FZBCHKR_SUBMISSION_NUMBER	NUMBER(3)		SUBMISSION NUMBER: The number of allowable submissions for a reusable/ recurring document.
FZBCHKR_ITEM_NUM	NUMBER(4)		COMMODITY ITEM NUMBER: The literal commodity or goods description associated with an invoice processing record.
FZBCHKR_SEQ_NUM	NUMBER(4)		SEQUENCE NUMBER: This number represents a predefined value within in BANNER Finance which is used for operating ledger classification and reporting purposes.
FZBCHKR_ACTIVITY_DATE	DATE		ACTIVITY DATE: The date that information for this record in the table was entered or last updated.
FZBCHKR_USER_ID	VARCHAR2(30)		USER ID: The unique identification code of the user.
FZBCHKR_TRANS_DATE	DATE		TRANSACTION DATE: The date the transaction was processed.
FZBCHKR_TRANS_AMT	NUMBER(12,2)		TRANSACTION AMOUNT: The dollar amount of the transaction associated with this particular account distribution.
FZBCHKR_TRANS_DESC	VARCHAR2(35)	Y	TRANSACTION DESCRIPTION: A brief description of the purpose of the journal voucher record being created.
FZBCHKR_DR_CR_IND	VARCHAR2(1)		DEBIT/CREDIT INDICATOR: This debit or credit indicator is used for all general ledger transactions. The plus (+) or minus (-) indicators are used for all operating account ledger (OPAL) transactions.

Name	Type	Null?	Comments
FZBCHKR_BANK_CODE	VARCHAR2(2)	Y	BANK CODE: A user-defined value that is used for identification purposes on all cash transactions.
FZBCHKR_COAS_CODE	VARCHAR2(1)	Y	CHART OF ACCOUNTS CODE: The primary identification code for any chart of accounts that is used to uniquely identify that chart from any other in a multi-chart environment.
FZBCHKR_FSYR_CODE	VARCHAR2(2)	Y	FISCAL YEAR: A unique two digit numeric identifier code for the fiscal year being defined. Generally, the last two digits of the second year of the accounting period are used.
FZBCHKR_ACCI_CODE	VARCHAR2(6)	Y	ACCOUNT INDEX CODE: The user-defined value representing a summarization of any combination of user-defined FOAPAL elements.
FZBCHKR_FUND_CODE	VARCHAR2(6)	Y	FUND CODE: Identifies the fund code that appears on a transaction.
FZBCHKR_ORGN_CODE	VARCHAR2(6)	Y	ORGANIZATION CODE: Identifies the organization code that appears on a transaction.
FZBCHKR_ACCT_CODE	VARCHAR2(6)	Y	ACCOUNT CODE: The user-defined value representing an account.
FZBCHKR_PROG_CODE	VARCHAR2(6)	Y	PROGRAM CODE: The user-defined value to the program classification structure as defined by the National Council of Higher Education Management Systems.
FZBCHKR_ACTV_CODE	VARCHAR2(6)	Y	ACTIVITY CODE: The activity that is primarily associated with this organization.
FZBCHKR_LOCN_CODE	VARCHAR2(6)	Y	LOCATION CODE: The physical location of the institution's financial manager. For example,

Name	Type	Null?	Comments
			Vice President, Finance, Suite 10 Adams Hall, Main Campus.
FZBCHKR_POSTING_PERIOD	VARCHAR2(2)	Y	POSTING PERIOD
FZBCHKR_VENDOR_PIDM	NUMBER(8)	Y	VENDOR PERSONAL IDENTIFICATION MASTER: The unique personal identification
FZBCHKR_DOC_REF_NUM	VARCHAR2(8)	Y	Invoice Number related to the check
FZBCHKR_ACCT_FEED_IND	VARCHAR2(1)		Records whether the reallocation has taken place on this transaction. Works together with Feed Date and Feed Document Number. Initially loaded with a 'Y' and FZPCHKR will update it to an 'F' when run in update mode.
FZBCHKR_FEED_DOC_CODE	VARCHAR2(8)	Y	Records the reallocation document number when fed to the reallocation is fed to the finance system
FZBCHKR_FSI_SOURCE_DOC_SEQ	NUMBER(3)	Y	FSI SOURCE DOC SEQ:Source doc sequence number for FSI export file.
FZBCHKR_FSI_SOURCE_DOC_YEAR	VARCHAR2(4)	Y	FSI SOURCE DOC YEAR:Source doc year for FSI export file.
FZBCHKR_TAXB_FEED_IND	VARCHAR2(1)	Y	TAX BENEFIT FEED IND: P for records needing to be fed, F after fee
FZBCHKR_TAXB_REPORT_DATE	DATE	Y	TAX BENEFIT FILE DATE:Date that identifies whether the transaction
FZBCHKR_STATECO	VARCHAR2(8)	Y	STATE COMPANY:Code and description of the Company Codes.
FZBCHKR_STATESA	VARCHAR2(8)	Y	STATE ACCOUNT:Code and description of the State Account.
FZBCHKR_STATECE	VARCHAR2(8)	Y	STATE CENTER:Code and description of the Center Codes.
FZBCHKR_STATESS	VARCHAR2(8)	Y	STATE SS:Fund Based attribute to modify State Account.
FZBCHKR_STATESU	VARCHAR2(8)	Y	STATE SU:Fund Based attribute to modify State

Name	Type	Null?	Comments
			Account.
FZBCHKR_REDIS_BANK	VARCHAR2(2)	Y	REDISTRIBUTION BANK.
FZBCHKR_EXPORT_DESC	VARCHAR2(29)	Y	EXPORT DESC FOR FSI FILE

1.5.2 Modified Tables

A trigger will be added to the FGBTRNH table to capture the required information in the FZBCHKR table.

- A pre-insert trigger will be added to the FGBTRNH table to capture and store all check postings (internal document types 8 and 5). The trigger will also load document types of 20 if the rule class on the transaction is defined in FTMSDAT. (see setup information for more detail). Data captured will include the full FGBTRNH Key Index, Chart of Accounts, Fund and Bank codes, Transaction Date and Transaction Amount. Additional columns to store data used in the reallocation and interface processes will also exist in this table. Logic to capture payroll (or other external) checks and cancellations has not been defined as of this writing, but the architecture of the process will allow additional transactions to be included in the reallocation, using internal document type 20 and entries into FTVSDAT designating which payroll rule codes should be included.

1.5.3 New Views

N/A

1.5.4 Modified Views

N/A

1.5.5 New Functions

N/A

1.5.6 Modified Functions

N/A

1.5.7 New Procedures

N/A

1.5.8 Modified Procedures

N/A

1.5.9 New Packages

N/A

1.5.10 Modified Packages

N/A

1.5.11 New Other

N/A

1.5.12 Modified Other

N/A

2 Cross Enterprise Considerations

2.1.1 Campus Pipeline/Luminis

N/A

2.1.2 SunGard Higher Education's Workflow Examples

N/A

2.1.3 WebCT Interface Processes

N/A

2.1.4 Learning Systems

N/A

2.1.5 Other Interfaced Systems

N/A

3 Contract Information

Modification Data	
	Initial Proposal Date: Product(s) Targeted for Modification: Intended Release:
Institutional Data	
	Product(s) Currently in Use:
Client Contact(s)	
1.	Last Name: First Name: Telephone Number: Email Address:
2.	Last Name: First Name: Telephone Number: Email Address:

4 Approval to Proceed

The signatures below indicate that [SDBOR 002 Functional Specification v2.00](#) meets the approval of the undersigned and thereby grants SunGard Higher Education the approval to proceed.

Please fax this approval page to [Jason Norem](#) at [610-578-3395](#).

Signature Date

Print Name:
Print Title:

Signature Date

Print Name:
Print Title:

5 Document History

Number	Date and Sections	Author	Notes
2.03	7/6/2006	Jason Norem	Added CR adjustments
2.02	5/31/2006	Jason Norem	Added information for clarity
2.01	5/15/2006	Jason Norem	Added information for clarity
2.00	4/20/2006	Jason Norem	Adjusted per discussion with client
1.00	4/3/2006	Jason Norem	Date Created

6 Acronyms

Acronym	Description
AMC	Account Management Council
AMM	Account Management Methodology
CAM	Client Account Management
CDM	Common Development Methodology
CMS	Common Star
CSM	Common Services Methodology
PEG	Process Engineering Group
PMC	Project Management Council
PMM	Project Management Methodology
ProNet	SunGard Higher Education's Process Network
PTDB	Project Tracking Database
RPE	Request for Product Enhancement
SPG	Software Process Group
SQ&P	Services Quality and Processes

7 Definitions

Term	Definition