FAMIS, USAS, ABEST, and Business Objects Integrations

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Agenda

- Overview of FAMIS / USAS / ABEST Integrations
- Data Elements
- Mapping Explanation
- ABEST Reconciliation
- USAS History Extract – Business Objects
- Possible Future Changes
Definitions and Data Elements

Let’s quickly look at some critical definitions
In the Bill Pattern

• Appropriated funds from the State
• Funds from Other Sources which are defined in the General Appropriations Act
  
  o FAMIS and Business Objects have not officially defined attribute or firm definitions for these funds
  o Usually defined by SL account range
Method of Finance (MOF)

• Breakdown of funds in the Bill Pattern
• Assignment by State Fund (D22) and possibly appropriation

FAMIS reports local funds to USAS in the fund 7999
LAR / LBB Object of Expense

- Category of Expense
- USAS maps from Comptroller Object
- FAMIS mapping is on screen 806
Strategy

• Defined in coordination with the LBB
• Mapped from USAS Program code – which are almost always the same as the LBB Strategy
• USAS program code is mapped from the PCA – (USAS 26 screen)
FAMIS PCA Calculation

First: Determine the Strategy (Screen 840)

- Defined by the SL account and the object code
- Finds the Account and Object code in the ranges on 840

Second: Use the last digit for NACUBO Function

More or less unchanged since 1994

- Question: Is the mapping to NACUBO function still required by USAS?
### FAMIS Strategy Table – screen 840

**Screen:** __  **Appropriation Year:** 2024  **Starting High Acct:** ___

<table>
<thead>
<tr>
<th>Acct</th>
<th>Acct</th>
<th>S/C</th>
<th>S/C</th>
<th>Goal</th>
<th>Obj</th>
<th>Strat</th>
<th>Description</th>
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<td>TEXAS GRANTS-NON ABEST________</td>
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********** More Data -- Press <ENTER> to View **********

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---

Hmenu Help  EHelp
Since USAS does not use Function, can we change to just use “0” as the PCA suffix and reduce our number of PCAs?

<table>
<thead>
<tr>
<th>NACUBO Function</th>
<th>USAS PCA Suffix</th>
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<tr>
<td>10 – Instruction</td>
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<td>15 – Research</td>
<td>1</td>
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<td>20 – Public Service</td>
<td>2</td>
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<tr>
<td>25 – Academic Support</td>
<td>4</td>
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<tr>
<td>30 – Student Service</td>
<td>5</td>
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<td>35 – Institutional Support</td>
<td>6</td>
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<td>40 – Operations and Maint – Plant</td>
<td>7</td>
</tr>
<tr>
<td>60 – Scholarships and Fellowships</td>
<td>8</td>
</tr>
<tr>
<td>70 – Auxiliary</td>
<td>9</td>
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FAMIS / USAS Integrations
FAMIS Integrations and Data Flow

- **FAMIS A/P**
- **Payroll**
- **FAMIS Benefit Vouchers via A/P**
- **Quarterly**
  - Encumbrances
  - Payables
  - Local Expenditures
- **Manual Input**
- **FTE data (manual)**
- **USAS**
  - PCA
  - Comptroller Object
  - Appropriation
  - Fund (MOF)
- **ABEST**
  - ABEST: Strategy
  - Method of Finance
  - LAR Object (OOE)
- **Reconciliation**
  - Use Business Objects (preferred) or FBAR257
FAMIS Accounts Payable – USAS

- PCA is derived from the Account and Object code entered on the voucher line
- Can be over-ridden on the voucher screen (used for benefit vouchers)
- Sent to USAS on the daily A/P file
  - Batch number 500 and 505
- VAVR030 and VAVR035 are the reports to review
- USAS T-Codes:
  - 248 – Voucher payable – credit memo
  - 225 – Voucher Payable (not encumbered)
  - 247/904 – Reimbursement vouchers
  - 246/903 – Payroll vouchers
USAS Payroll Integration

Handled by FAMIS since December, 2017

• PCA is derived from the SL Account and the salary object code of the Salary using screen 840
• Longevity is selected the same – but with object code 1610-Longevity Pay

Legacy Hard-code overrides are in place

• FICA is forced to 8903x for fund 0001 (any member), all TEEX, WTAMU, and TEES, and TTI fund 0006
• Should this instead come from the FAMIS bank?
USAS Payroll Integration - Continued

- USAS Payroll file normally uses batch number: 400
- USAS Doc Type: 6
- USAS T-Code: 246/903

If insufficient expenditures exist to cover credits – all credits for the fund are moved to a deposit batch
- Batch number: 400
- USAS doc type: 2
- USAS T-code: 180
USAS Benefit Voucher Integration

• Longstanding FAMIS Process (FBPR096)
• PCA based on the SL account charged and the object code of the benefit expense (Screen 840)
• Vouchers are sent to the FAMIS A/P module and data is sent to USAS is the regular daily A/P process (Batches 500/505)

Legacy Hard-code overrides are in place
• GIP is forced to 8915x for fund 0001 (bank begins with a “1”)
USAS Quarterly Reporting – Payables

- Job VS098 – Report VSMR098
- PCA lookup via FAMIS screen 840
- Reports outstanding vouchers (payables) from the FAMIS Voucher table.
- All funds – including local
- Batch Type: 4 / Batch Number 750
- Transaction code 420

*TO RECORD ACCOUNTS PAYABLE FOR ITEMS WHICH WERE NOT ENCUMBERED. THIS ENTRY IS MADE MONTHLY OR YEARLY FOR REPORTING PURPOSES ONLY. IT WILL BE REVERSED AT THE BEGINNING OF THE NEXT ACCOUNTING PERIOD BY USAS.*

*Reversed by an automated process – with TC: 421*
USAS Quarterly Reporting – Local Funds

- Job AR314 (FBAR314/FBAR315) reports local funds in the bill pattern
  - Bill pattern defined by combination of SL ranges and FAMIS hardcoding
  - Creates USAS 642 T-code (local fund expenditures)
  - USAS Batch 650 – Batch Type 5
  - Special handling for Contract Work force
  - Reduces amount expended by vouchers payable. Note: those are converted to expenses in the next quarter by FBAR471 process
USAS Quarterly Reporting – Open Commitments

- Job QR031 – Report FBMR031
- PCA lookup via FAMIS screen 840
- Reports Open commitments-All funds – including local
- Batch Type: 3 / Batch Number 700
- Transaction code 207

*TO RECORD MONTH END OR YEAR END ENCUMBRANCE SUMMARY BALANCES. THIS TRANSACTION WILL BE REVERSED BY THE SYSTEM GENERATED TCODE 211.*
USAS / ABEST Reconciliation Tools
USAS / ABEST Reconciliation

- FBAR257 – this utility report has been used to report all funds by strategy and LAR object code
  - For state funds – only select rows where AY = FY
  - Difficult to drill down
  - Difficult to operators to setup and run. **Note:** Prodcards may need changes every time a different fiscal year is requested.
USAS / ABEST Reconciliation

• Business Objects – Strategy Reports
  – Financial Transactions
  – Open Commitments
  – FTE from Payroll
  – Budget module detail

• The FBAR257 and Business Objects Strategy reports are both currently driven by the screen 840 table and may not reflect accurate payroll overrides for FICA and GIP
  – They both reflect ‘fresh’ lookups into the 840 table to determine the PCA/Strategy and
  – May not match the posting on the original integration
  – This is why we need to review the hard-coding
USAS / ABEST Reconciliation – Possible Issues

- Errors in Screen 840 earlier in the year, or changes in screen 840 over the course of the fiscal year
- Bank Transfers between State Appropriations (Bank transfers do not appear as expenses)
- Overrides in the payroll process
- State to State voucher correction (manual entry in USAS)

Note: Business Objects and FBAR257 use the values on the screen 840 at the time they are run
USAS History Extract

- System office of IT is now loading the USAS History Extract to BusinessObjects daily
- The Universe is nearing the end of develop
USAS / ABEST - Business Objects

• Strategy has been added to the following Business Objects Universes:
  – Open Commitment
  – Financial Transaction
  – FAMIS Budget module
USAS – Possible Future changes
Possible PCA Calculation change

- Assign USAS strategy as account attribute – simplify screen 840 (when is object code needed – just GIP/FICA?)
- Specify strategy override on the appropriation / Bank (screen 28)
- Remove NACUBO function as the suffix
- Remove Legacy hard-coding assumptions

<table>
<thead>
<tr>
<th>F</th>
<th>Acct</th>
<th>Acct</th>
<th>S/C</th>
<th>S/C</th>
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Description:
- CENTRAL ADMINISTRATION
- COLLABORATION
- RESEARCH - DISCIPLINARY DIV
- COLLABORATION - ENGR CENTERS
- EDUCATIONAL PROGRAMS
- CENTRAL ADMINISTRATION-FIN/HR
Other ideas

• Automate deposit batches for corrections involving funds that need to be returned to the Comptroller
• Improve automated reconciliation of USAS appropriation balances
• Leverage USAS history extract data to compare FAMIS data by strategy to USAS data by strategy