Funds Management / Grants Management

Troubleshooting Tips
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VERSION CONTROL

<table>
<thead>
<tr>
<th>Version</th>
<th>Author</th>
<th>Description</th>
<th>Date</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>C. Reyes</td>
<td>Original version</td>
<td>02/24/2010</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>1.1</td>
<td>C. Reyes</td>
<td>Agency-wide version</td>
<td>05/14/2010</td>
<td>Added new budgeting error scenarios</td>
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OVERVIEW

This document represents the most commonly occurring issues in Funds Management (FM) and Grants Management (GM). Please note that some of these issues may change or no longer exist as upgrades, support/ enhancement packs are applied to the system and that periodic review is required to ensure proper analysis and support are provided.
FUNDS MANAGEMENT (FM)

GENERAL FI POSTING ERRORS

FUNDED PROGRAM CC_FA DOES NOT EXIST IN FM AREA SC01

This message occurs when the agency level funded program (combination of cost center and functional area) does not exist on the ZMDRR (Master Data Relationship Report) table.

Solution: These relationships were set up based on the master data templates provided by the agencies. Have the user verify that the cost center and functional area being entered are correct or if a data entry error occurred. If the data entries are valid, then the user will need to file a Help Ticket (with the proper agency level authorization) to request the creation of the agency level funded program.
This message occurs when the original document contains a line item for which account assignments were incorrectly entered vs. leaving them blank (ex.: cash accounts).

**Solution:** The user will need to create a manual journal entry to reverse the document. Because of inconsistencies in the document splitter settings, the document cannot be reversed using the FB08 transaction. Note: this situation may not occur as often based on the implementation of recent support packs but is being disclosed for possible scenarios.
OPEN AMOUNT FROM DOCUMENT XXXXXXXXXX XXX EXCEEDED BY XX.XX %
(DIRECT PAY REFERENCING A FUNDS RESERVATION)

This message may occur if there are inconsistencies between amounts stored in tables – that is, the open amount in one table may differ from that in another table housing the same funds reservation’s data.

Solution: Review the Earmarked Funds Journal (t-code S_P99_41000147), enter the funds reservation number in the “Earmarked Funds” field and execute. Scroll to the right and double click on the “Open amt” field for the appropriate line item. It will then take you to the “Display Funds Reservation” screen (t-code FMX3) and see if the amounts differ. If the latter is the case, then wait for the next business day until the re-initialization of the FM AVC ledgers is executed. Sometimes such inconsistencies are caused by the parking/deletion of parked documents, which may not immediately update the tables.
This message occurs since the budget address that is being debited does not have sufficient funds.

**Solution:** Double click on the error message to display the full budget address. This address will specify what FM objects for which AVC is being checked.

After clicking on the message, access the FMAVC report (t-code FMAVCR01) to check the budget balances. Enter as much search criteria as possible since this report is currently limited to 5,000 budget addresses:
As shown in the example above, there is no available budget and therefore the budget error is valid.
If an agency has pushed down their AVC levels to a lower/more detailed level, then the corresponding budget should also be placed at that level. Otherwise, a budget exceeded error will occur. For example, Forestry (P120) has their AVC at the 10-digit funds center level. If budget was left at the P1200000 level and not pushed down to the P120A00010 level, then any financial posting against this 10-digit cost center would error out.

GENERAL BUDGETING ERRORS:

INVALID PROCESS/DOC TYPE COMBINATION

This error occurs since there are predefined processes for which only certain budget process/document type/budget type combinations are valid.
Solution: Verify that the budget process, document type and/or budget type is one of the valid combinations based on the table below. Otherwise, revise the component to the appropriate combination.

<table>
<thead>
<tr>
<th>Process</th>
<th>Document Type</th>
<th>Budget Type</th>
<th>Initiated by</th>
<th>OSB Workflow</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enter</td>
<td>APPR (Original Appropriations)</td>
<td>APPR (Appropriations)</td>
<td>Office of State Budget</td>
<td>No</td>
<td>Used to enter original Appropriations</td>
</tr>
<tr>
<td></td>
<td>APPR (Original Appropriations)</td>
<td>EREV (Estimated Revenue)</td>
<td>Office of State Budget</td>
<td>No</td>
<td>Used to enter original Appropriations</td>
</tr>
<tr>
<td></td>
<td>UNBD (Budget for unbudgeted fund)</td>
<td>UNBD (Budget for unbudgeted fund)</td>
<td>Agency</td>
<td>No</td>
<td>Used to enter budget for Unbudgeted funds</td>
</tr>
<tr>
<td>Supplement (SUPL)</td>
<td>BDAJ (BD100 Adjustments)</td>
<td>EREV (Estimated Revenue)</td>
<td>Agency</td>
<td>Yes</td>
<td>Used to enter an increase to Estimated Revenue (similar to the BD 100 process)</td>
</tr>
<tr>
<td></td>
<td>SUPP (Supplemental Appropriations)</td>
<td>SUPP (Supplemental Appropriations)</td>
<td>Office of Comptroller General</td>
<td>No</td>
<td>Used to record approved Supplemental Appropriations</td>
</tr>
<tr>
<td></td>
<td>BDAJ (BD100 Adjustments)</td>
<td>BADJ (Budget Adjustments)</td>
<td>Agency</td>
<td>Yes</td>
<td>Used to enter an increase to Budget (similar to the BD 100 process)</td>
</tr>
<tr>
<td>Description</td>
<td>Category</td>
<td>Agency</td>
<td>Use</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------------------------</td>
<td>--------</td>
<td>-----</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>CAPR (Capital Project Budget)</td>
<td>CAPR (Capital Project Budget)</td>
<td>Agency</td>
<td>Yes</td>
<td>Used to enter an increase to Budget for Capital Projects</td>
<td></td>
</tr>
<tr>
<td>DFCT (Deficit Budget)</td>
<td>DFCT (Deficit Budget)</td>
<td>Agency</td>
<td>Yes</td>
<td>Used to enter an increase to Budget for agencies in a Deficit situation</td>
<td></td>
</tr>
<tr>
<td>UNBD (Budget for unbudgeted fund)</td>
<td>UNBD (Budget for unbudgeted fund)</td>
<td>Agency</td>
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<td>Used to reduce budget for Unbudgeted funds</td>
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<td>Yes</td>
<td>Used to enter a decrease to Budget (similar to the BD 100 process)</td>
<td></td>
</tr>
<tr>
<td>BDAJ (BD100 Adjustments)</td>
<td>EREV (Estimated Revenue)</td>
<td>Agency</td>
<td>Yes</td>
<td>Used to enter a decrease to Estimated Revenue (similar to the BD 100 process)</td>
<td></td>
</tr>
<tr>
<td>TRFW – Transfer with Workflow</td>
<td>Sender: TRSF(Transfer)</td>
<td>Agency</td>
<td>Depends</td>
<td>Used to transfer authorized budget from one area of the Agency to another (FP, Account, Fund, etc.)</td>
<td></td>
</tr>
<tr>
<td>IATR - Inter-agency Transfer</td>
<td>Sender: IATR (Inter-agency Transfer)</td>
<td>Sending Agency</td>
<td>Yes</td>
<td>Used to transfer authorized budget from one agency to another</td>
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</tr>
<tr>
<td>TRFW – Transfer with Workflow</td>
<td>Sender: TRSF(Transfer)</td>
<td>Agency</td>
<td>Yes</td>
<td>Used to record an authorized Budget reduction (moves budget from consumable to non-consumable)</td>
<td></td>
</tr>
<tr>
<td>CFWD – Carry Forwards</td>
<td>Sender: CFOR (Carryforwards)</td>
<td>Office of State Budget (Appropriations Act) / Office of the Comptroller General / Agency</td>
<td>Yes</td>
<td>Will be used to record proviso authorized carry forwards</td>
<td></td>
</tr>
</tbody>
</table>
**PLEASE NOTE:** Shaded boxes – processes that the agencies should **NOT** be using.

**THE CURRENT BUDGET OF THE BUDGET ADDRESS IS NEGATIVE**

This message occurs if you are trying to execute a budget transfer and for which one of the line items has a negative available amount.

**Solution:** Transfer additional funds to cover the negative balance of the specified budget address.
ANNUAL BUDGET EXCEEDED BY $XXXXXX.XX USD (FM PB AVAILABILITY CONTROL) FOR DOCUMENT ITEM 0000001 ON 9H/2010/.....

This error message occurs since there is insufficient budget for the line item from which you are transferring funds. You can click on the “Long text exists” icon to view the full budget address:

Similar to previous AVC errors, review the FMAVCR01 report to confirm the budget balances based on the budget address provided in the long text view.
This error occurs when entering a budget transfer via transaction FMBB using commitment item 561000. However, the funded program data associated with this line item does not have an “X” in the 11th digit (ex: 9800.030000.000 vs. 9800.030000X000).

**Solution:** Review the funded program entered and confirm and/or correct the master data. Otherwise, select another valid funded program or change the commitment item to some other value not equal to 561000.

Another scenario in which this error may occur is if the user enters an agency level funded program in the FMBB transaction:
Solution: Users need to enter a **state level** (ex.: 0100.000000.000) vs. **agency level** (ex.: H710A00010_0000) funded program when entering FMBB transactions. Otherwise, if he/she enters such a value, then the system will issue the following error:

```
Funded Program INVALID does not exist in FM area SC01
```

To correct this error, the user will need to select the appropriate state level funded program.

---

**ANNUAL BUDGET EXCEEDED BY $XXXX.XX USD (OSB BUDGETARY CONTROL LEDG) FOR DOCUMENT ITEM XXXXXX**

This error occurs when the user is transferring funds out of 512001 and/or 513000 that exceed the 2% limit rule monitored by OSB.
Solution: The user will need to contact his appropriate OSB representative to confirm what his agency’s 2% limit is and to request additional authorization, if needed. He can also view this figure by executing transaction FMAVCR01, entering the following values:

Fiscal Year: Current Fiscal Year (ex.: 2010)

Control Ledger: ZJ

Funds Center: Business Area followed by an asterisk/wildcard (*) – ex.: H710*

Click once on the “Execute” icon and the following is an example of an agency’s 2% limit:
Once OSB approves and informs the individual of such authorization, he can then re-enter the budget transfer.
INVALID COMBINATION OF FUND, SPONSORED PROGRAM AND SPONSORED CLASS

This message means that one of these grant elements is not on the Grant Master Data.
Solution: Once you have double checked the combination that you’re trying to post to and you have determined that you do need the posting to go to this grant combination, you need to add the missing element to the Grant Master Data by going into t-code GMGRANT, putting the grant into Edit/Change mode and then go to the Dimensions tab and add the missing grant master data, fund, sponsored program or sponsored class.

Note: Usually, you will need to back out of the original entry and re-enter the data in order for the system to recognize the change.

---

FOR GRANT XXXXXXXXXX, PROGRAM AND CLASS WERE NOT DERIVED. CHECK RULES.

This message usually means that the functional area exists but is not set up to derive any sponsored program and/or the GL account exists but is not set up to derive any sponsored class.

Functional Area/Sponsored Program Scenario:

GMDERIVE Table:
For grant H7304TEST110, program and class were not derived. Check rules.

Message #: GRANTMCMT427"
GL Account / Sponsored Class Scenario:

SAP01 - Derivation Strategy 01: Display Strategy

<table>
<thead>
<tr>
<th>Menu</th>
<th>No.</th>
<th>Derivation Type</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>1</td>
<td>Derivation Rule</td>
<td>100000010 / 100000030 = Sponsored Program</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Derivation Rule</td>
<td>Derived Program from Grant &amp; Internal Order (FY 08)</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Derivation Rule</td>
<td>Derived Program from Grant &amp; IO = FY 09</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Derivation Rule</td>
<td>Commitment --&gt; Spon Class</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Derivation Rule</td>
<td>Commit Item + Grant --&gt; Spon Class</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Derivation Rule</td>
<td>Spon Class + Grant --&gt; Spon Class</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Derivation Rule</td>
<td>FA = Spon Program</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Derivation Rule</td>
<td>FA + Grant --&gt; Sponsored Program</td>
</tr>
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</table>

SAP01 - Derivation Strategy 01: Display Rule Values

<table>
<thead>
<tr>
<th>Derivation Rule</th>
<th>Commit Item</th>
<th>Sponsored Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Committed Item</td>
<td>To Commit Item</td>
<td>A</td>
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<tr>
<td>1001000000</td>
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<td>CAPITAL OUTLAY (MA)</td>
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<tr>
<td>4003000000</td>
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<td>GENERAL SALES AND U</td>
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</tr>
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<td>CONTRACTUAL SERVICES</td>
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<td>500300089999</td>
<td>SUPPLIES &amp; MATERIALS</td>
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<td>500400089999</td>
<td>FIXED CHARGES &amp; CONT</td>
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<td>TRAVEL</td>
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<tr>
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<td>500600089999</td>
<td>CAPITAL OUTLAY (MA)</td>
</tr>
<tr>
<td>500600089999</td>
<td>500600089999</td>
<td>FIXED ASSETS (NON-CAP)</td>
</tr>
<tr>
<td>500700089999</td>
<td>500700089999</td>
<td>LAND, BUILDING INFRASTRU</td>
</tr>
</tbody>
</table>

Entry 1 of 71
Solution – First determine if the functional area being used is the correct one to be used for the transaction. If it is, then you will need to determine whether or not your agency has requested for it to be set up to derive a Sponsored Program on the grant to which you're trying to post. If it has not been set up, then you will need to submit a Help Desk ticket to request that it be added to the derivation table and list which Sponsored Program it should derive. Similar to the functional area, verify that you are using the correct GL account. If it is, then you will need to submit a Help Desk ticket to inform the SCEIS Team of the error and to have them evaluate whether or not it should be added to the derivation tables.
GRANT XXXXXXXXXXXX HAS TO BE IN “AWARD” OR “CLOSING” PHASE; UNABLE TO POST

This message usually means either that the grant is not in “Award” status or the current posting date is outside of the grant validity dates on the Grant Master Data.

“Closed” status scenario:

“Initial draft” status scenario:
Solution – Check the grant’s status; the grant may still be in “Initial” or it may be in “Closed” status where it cannot accept postings. If this is the correct grant, you need to go to the Grant Master Data and change the status on the grant. You can do this by putting the grant into edit mode and then clicking on the Change Status button and choose the available status that you need. Click on the Save icon after you have made the change.
Solution: Using t-code GMGRANT, check the Grant Validity section under the General Data tab, specifically the “Valid to” Date, and make sure it is inclusive of the posting date to which you are executing the transaction.
This message occurs when the grant's valid to date is inconsistent with the date range of the grant's budget validity period.
Solution: In t-code GMGRANT, click on the “Budget” tab and then click on the “Reset Using Splitting Rule” icon to match the Grant Validity Dates:
SYSTEM ERROR: GRANTS MANAGEMENT UPDATE (RESPONSORED_PROG, LGMACU13)

This message usually involves using a GL (cash/balance sheet) account with accounting information that shouldn’t be filled in or the document type may be inconsistent for the type of transaction that you’re trying to process.

Solution: Depends on the scenario – will require evaluation by the SCEIS team for further analysis. The issue may involve the document splitter settings on the document type, GL account and/or the GM update settings, all of which require configuration review and testing.
GRANT BUDGETING OR BUDGET AVAILABILITY RELATED ERRORS:

OVERALL BUDGET EXCEEDED BY XXXX.XX USD (GM PB AVAILABILITY CONTROL) FOR DOCUMENT ITEM XXXXXXX

When trying to make budget postings in the transaction GM_CREATE_BUDGET, you may get a message stating there are errors.

If so, click on the “Error Log” icon and open up each message by clicking on the “Long Text exists” icon. This will give you the detailed accounting information for exactly where the error is occurring. You will most likely have GM or FM PB availability errors when trying to post a budget document.
If the message is GM PB availability, check the grant for budget availability. You can do this by going to the Grant Budget overview, either by going through the transaction, t-code GMBDGTOVIEW transaction code or t-code GMGRANT and clicking on the Budget overview button.
**Note:** When using the budget overview in GMGRANT, always remember to expand the top selection and click on the All Dimensions box for complete data.

If the message is **FM PB availability**, then you will want to run the FMAVCR01 report by grant and commitment item 5* or actual commitment item to narrow the search. You can also narrow the search further by entering the actual State level funded program. Check the budget to see if the budget is available in the data elements that you are trying to enter.
Annual budget exceeded by 50.00 USD (FM PB Availability Control) for document item 0000001 on 9H/2010/H7301TEST110/50000000/H7300000/517075/-/0502.250000.000

Message no. ZFMAVCO05

**Diagnosis**

The annual budget is exceeded by 50.00 USD (FM PB Availability Control) for the document item 0000001. Budget control on outgoing amounts (ceiling type Expenditures) raised this message for the following combination of availability control ledger, fiscal year (and if applicable, year of cash effectivity) and control object:

9H/2010/H7301TEST110/50000000/H7300000/517075/-/0502.250000.000

**Display Annual Values of Control Objects**

- **FM Area**: SC01
- **Fiscal Year**: 2010
- **Control Ledger**: 9H

Type of Account Assignments:
- Account assignments specified below are:
  - Control Objects
  - Budget Addresses
  - Posting Addresses

Selection of Account Assignments:
- Grant: H7301TEST
- Fund: 5
- Funds Center: to
- Commitment Item: 5
- Functional Area: to
- Funded Program: to

Restriction According to Attributes:
- Multiple Selection FM Account Assignment

Display Options:
- Use View 'Outgoing Amounts'
- Use View 'Incoming Amounts'

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Note: If you have to do a budget adjustment on the FM side, such as a FMBB, you will need to place the GM Create Budget transaction on hold and go back to it or just back out and start over. Unfortunately, many SAP transactions won’t recognize the change until you back out of the transaction and start over.

THE SPONSORED CLASS AMOUNT IN LINE XXXXX IS NOT EQUAL TO THE TOTAL AMOUNT IN FISCAL YEAR DISTRIBUTION

This message occurs most likely from not clicking on the “Adjust from FM to GM” button.

**The Sponsored Class amount in line 000010 is not equal to the total amount in Fiscal Year Distribution**

Message no. GRANTYGM490

**Diagnosis**

The amount in Sponsored Class in line 000010 is incorrect in comparison with Fiscal Year Distribution.

**System Response**

The system sets an error status value.

**Procedure**

Check the entries in the Grants Management (GM) area of the screen (upper half) and the FM fiscal year distribution (lower half) and correct the values so that they match. You can do this in one of the following ways:

- Adjust the values in both areas manually so that they match.
- Adjust the values in the FM fiscal year distribution, then press Adjust from FM to GM. If you adjust the values in this part of the screen and then try to save without pressing this button, the message appears again.
Solution: Click on the push to FM Button, click on Check Document and Save.

**COMMITMENT ITEM / INVALID DATA [BLANK] IN FIELD COMMITMENT ITEM**

You have either left a commitment item field blank or have bad unrecognizable data.

Solution: Fill in missing commitment item or make a correction to the previously entered commitment item.

**FUNDED PROGRAM INVALID DATA 0100.000000.000 IN FIELD**

This message usually means that you have used a funded program that is not listed on the sponsored program on the budget transfer tab.
**Solution:** Double check the data entry for the funded program and make sure it is correct. If you need to still use it, you will need to place the document on hold, go back to the Sponsored Program (t-code: GMPROGRAM) and enter a line for this funded program on the Budget Transfer tab.

**Note:** All fields have to be populated for that funded program on the budget transfer tab, SC01, fund center, functional area.

Once you have added it, you can go back to your budget document, by going into t-code GM_MODIFY_BUDGET, click on the other document icon and pull up your held documents, click on your document number and if it didn’t default in as being in edit mode, click on the pencil and click on the “Adjust from FM to GM” button and save the document.