



South Carolina Enterprise Information System

Funds Management / Grants Management

Troubleshooting Tips

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VERSION CONTROL

Version	Author	Description	Date	Changes
1.0	C. Reyes	Original version	02/24/2010	Not Applicable
1.1	C. Reyes	Agency-wide version	05/14/2010	Added new budgeting error scenarios

OVERVIEW

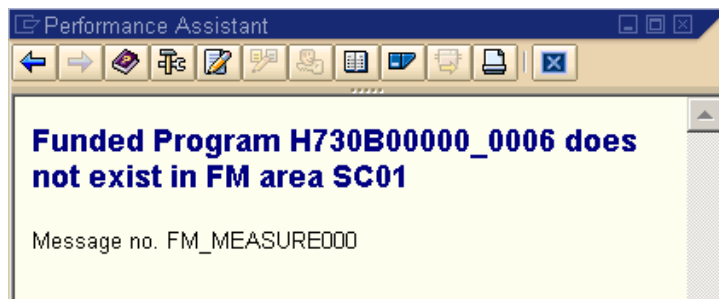
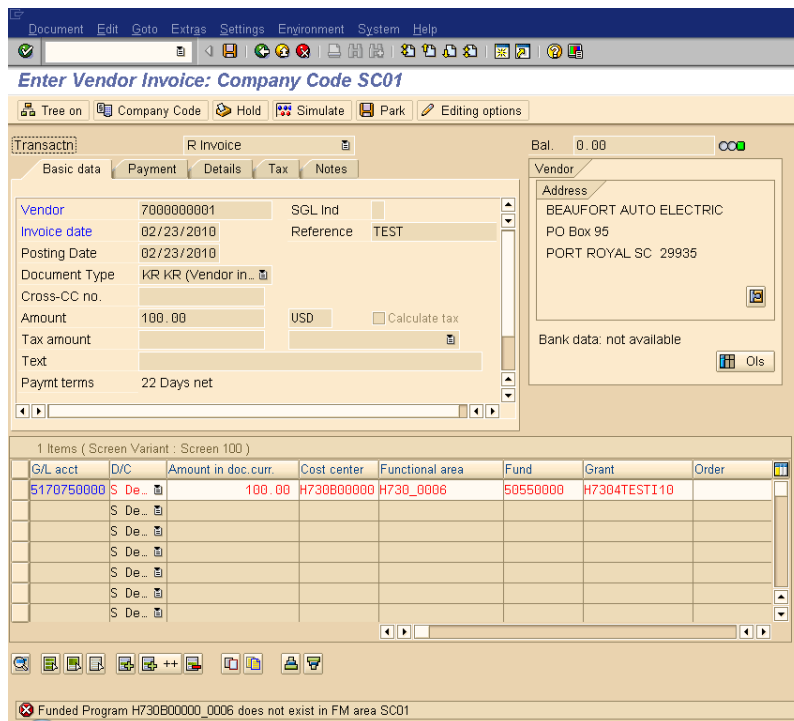
This document represents the most commonly occurring issues in Funds Management (FM) and Grants Management (GM). Please note that some of these issues may change or no longer exist as upgrades, support/ enhancement packs are applied to the system and that periodic review is required to ensure proper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

FUNDS MANAGEMENT (FM)

GENERAL FI POSTING ERRORS

FUNDED PROGRAM CC_FA DOES NOT EXIST IN FM AREA SC01

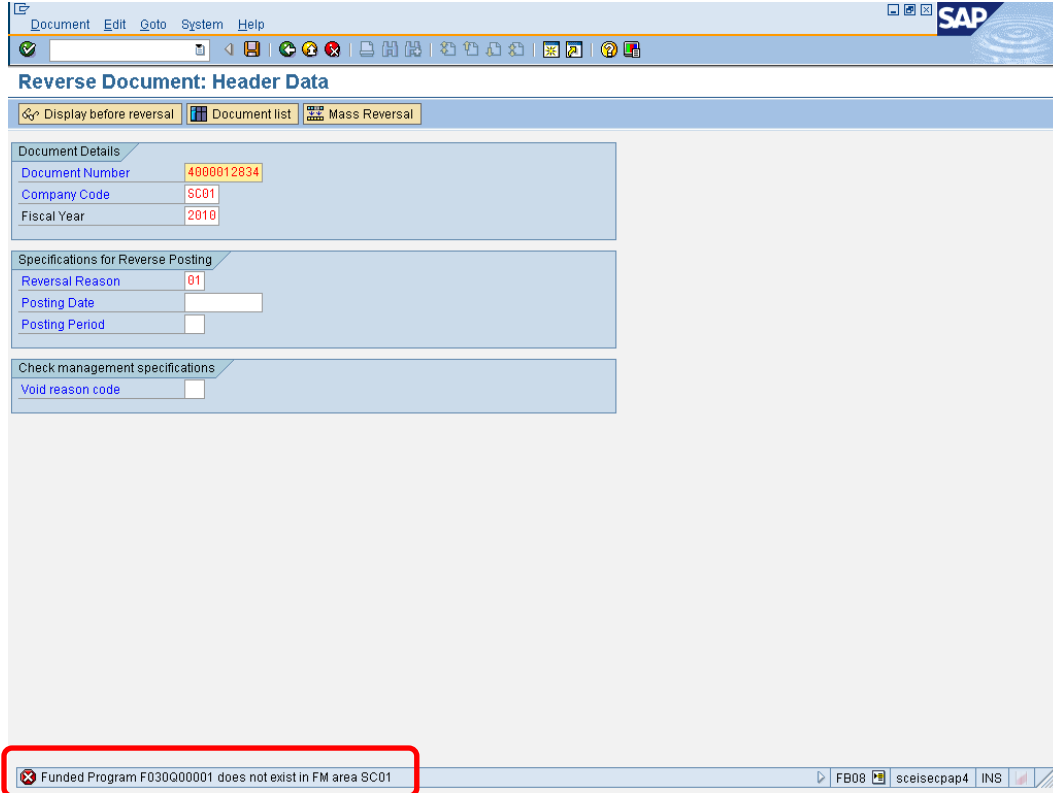
This message occurs when the agency level funded program (combination of cost center and functional area) does not exist on the ZMDRR (Master Data Relationship Report) table.



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.

FUNDED PROGRAM CC DOES NOT EXIST IN FM AREA SC01

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 XXXXXXXXXXXX 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.

The screenshot shows the SAP 'Park Vendor Invoice' interface for Company Code SC01. The 'Basic data' tab is active, displaying fields for Vendor (7000025906), Invoice date (12/16/2009), Posting Date (01/21/2010), Document Type (KR), Amount (25,340.04 USD), and Text (R1HD101). A vendor information window is open, showing the address for SC APPALACHIAN COUNCIL OF GOVERNMENTS. An error message box is overlaid on the screen, stating: 'Open amount from document 4000001234 001 exceeded by 7.34 %'. Below the main form, a table lists three items with their respective GL accounts, debit/credit status, and amounts.

GL acct	D/C	Amount in doc.curr.	Cost center	Functional area	Fund	Grant	Order	WBS
5170750000	Debit	1,333.69	E040A00010	E040_5B75	60060000	E0401...		
5170750000	Debit	25,340.04	E040A00010	E040_5B75	50020000	E0401...		
4530030000	Cred...	1,333.69	E040A00010	E040_5B75	60060000	NOT R...		

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.

Program Edit Goto System Help

Earmarked funds journal

Document Header Data

Earmarked Funds	4000001234	to		
Doc. Category		to		
Document type		to		
Company Code	SC01	to		
Document Date		to		
Posting Date		to		
Created by		to		
Costs due on		to		

Line Item Data

Controlling Area	SC01	to		
G/L Account		to		
Cost Center		to		
Order		to		
WBS Element		to		
FM Area	SC01	to		
Commitment Item		to		
Funds Center		to		
Fund		to		
Vendor		to		
Customer		to		

List Edit Goto Views Settings System Help

Earmarked funds journal

Date: 02/23/2010
Time: 14:06:57

Cat	Text	DT	Crcy	CoCd	Doc. Date	Created by	Amount	Cmnt Item	Funds Ctr	Fund	Func. Area	Grant	G/L Account	Cost Center	Order	WBS Elen	Open amt
30		11	USD	SC01	11/11/2009	BRA06929	2,485.02	5170750000	E040A00010	60060000	E040_5B75	E0401SCFCL08	5170750000	E040A00010			1,151.33
30		11	USD		11/11/2009		47,215.33	5170750000	E040A00010	50020000	E040_5B75	E0401SCFCL08	5170750000	E040A00010			21,875.29

Document Edit Goto Extras Environment System Help

Funds reservation: Display Detail scr

Consumption

Line Item: 4000001234 / 1 Position: / 2

Control data

Completion indicator Item blocked Item block [More](#)

Values

Currency: USD

Overall amount: 2,485.02

Open amount: 1,151.33

Due on:

More data

Vendor:

Customer:

Alternat. payee:

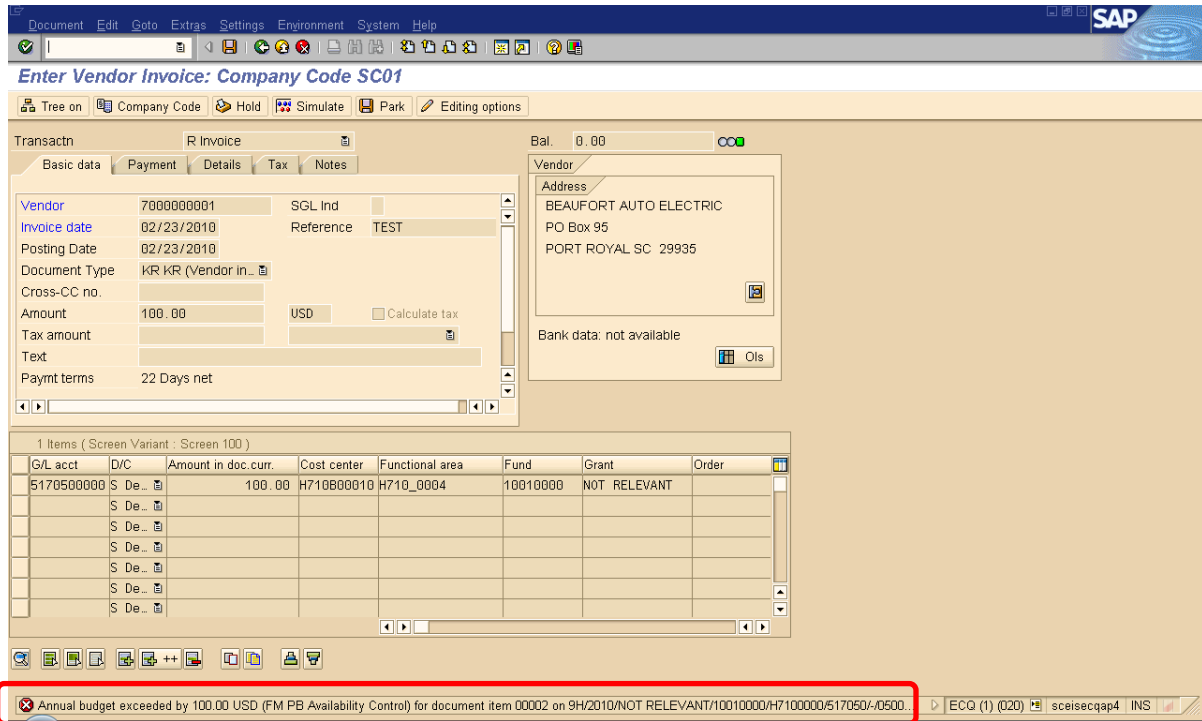
Coding Block

Cost Center	E040A00010	Grant	E0401SCFCL08
Fund	60060000	Funded Program	E040A00010_5B75
Functional Area	E040_5B75	Commitment Item	5170750000
Funds Center	E040A00010		

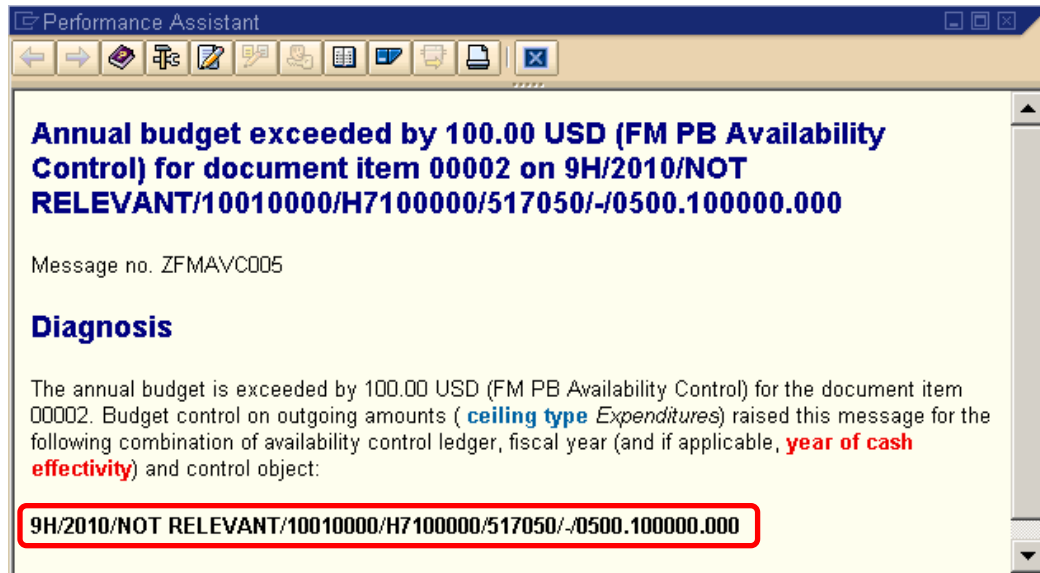
[More](#)

ANNUAL BUDGET EXCEEDED.... (PAYMENT WITHOUT REFERENCE TO A FUNDS RESERVATION)

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:

Program Edit Goto Environment System Help

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	NOT RELEVANT	to		↕
Fund	10010000	to		↕
Funds Center	H710*	to		↕
Commitment Item	517050	to		↕
Functional Area		to		↕
Funded Program		to		↕

Restriction According to Attributes
 Multiple Selection FM Account Assignment Variant Name

Layout Options

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

List Edit Goto System Help

Display Annual Values of Control Objects

Details Get Documents

Control Objects Data: Annual Values

FM Area	SC01 (USD)	Grant	NOT RELEVANT
Fiscal Year	2010	Fund	10010000
Control Ledger	9H	Funds Center	H7100000
		Functional Area	<Space>

Hierarchy of Control Objects - Budget Addresses - Posting Addresses	Consumable Amt	Consumed Amt	Available Amt
<Several Commitment Item Values>	2,976,102.71	1,778,478.31	1,197,624.40
501020	77,674.00	46,185.60	31,488.40
501058	1,237,581.72	756,815.68	480,766.04
501060	470,963.96	232,953.70	238,010.26
501070	14,085.00	5,959.11	8,125.89
512001	503,389.09	331,227.39	172,161.70
513000	616,329.00	403,650.06	212,678.94
517050	335.95	335.95	0.00
50500.100000.000	335.95	335.95	0.00
561000	55,743.99	1,350.82	54,393.17

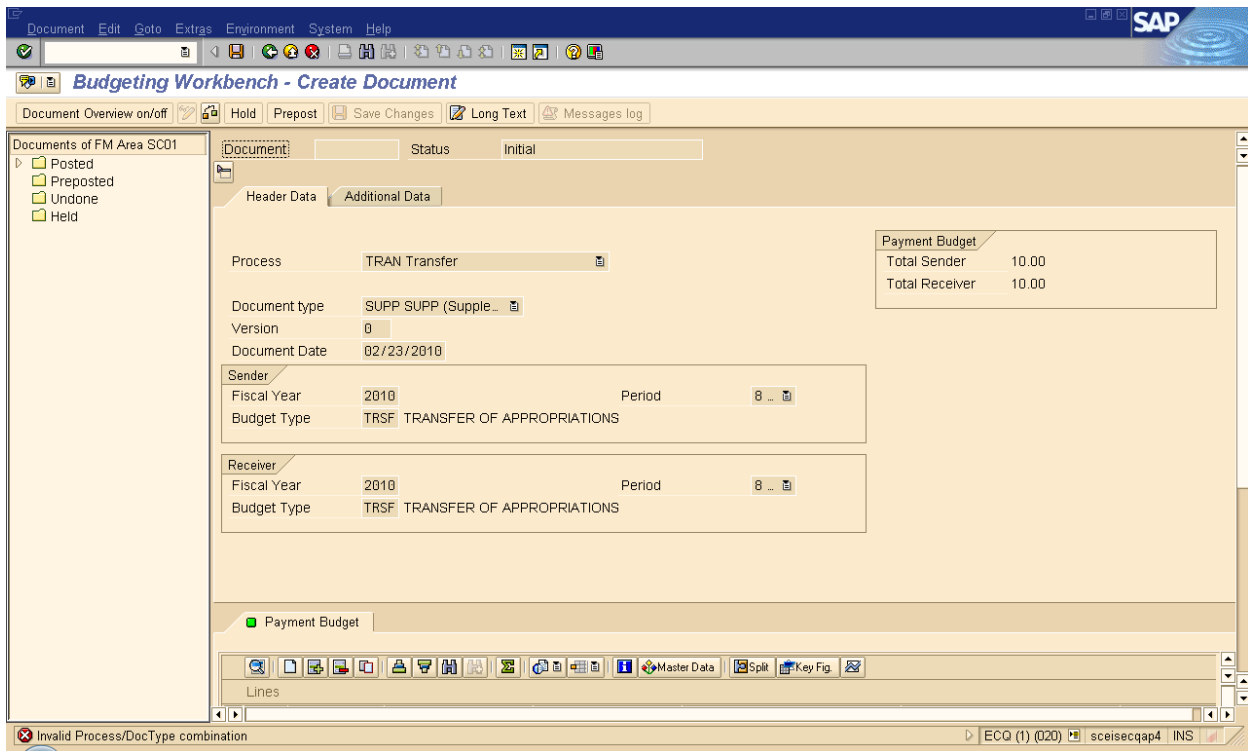
As shown in the example above, there is no available budget and therefore the budget error is valid.

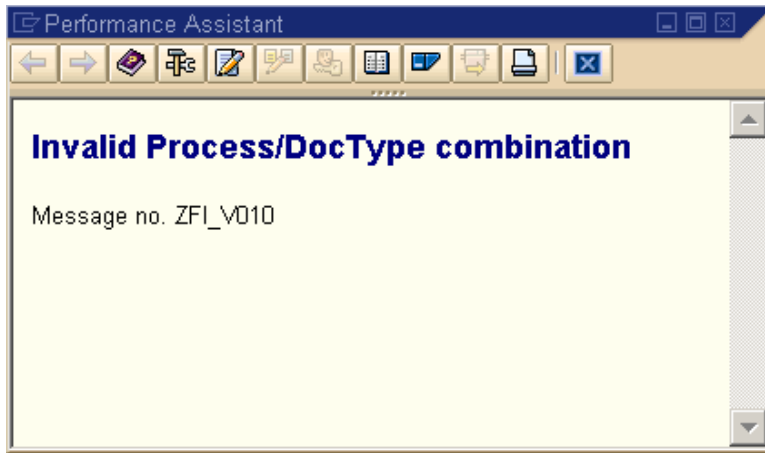
If an agency has pushed down their AVC levels to a lower/more detailed level, then the corresponding budget should also be placed at that level. Otherwise, a budget exceeded error will occur. For example, Forestry (P120) has their AVC at the 10-digit funds center level. If budget was left at the P1200000 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.

Process	Document Type	Budget Type	Initiated by	OSB Workflow	Purpose
Enter	APPR (Original Appropriations)	APPR (Appropriations)	Office of State Budget (Appropriations Act)	No	Used to enter original Appropriations
	APPR (Original Appropriations)	EREV (Estimated Revenue)	Office of State Budget (Appropriations Act)	No	Used to enter original Appropriations
	UNBD (Budget for unbudgeted fund)	UNBD (Budget for unbudgeted fund)	Agency	No	Used to enter budget for Unbudgeted funds
Supplement (SUPL)	BDAJ (BD100 Adjustments)	EREV (Estimated Revenue)	Agency	Yes	Used to enter an increase to Estimated Revenue (similar to the BD 100 process)
	SUPP (Supplemental Appropriations)	SUPP (Supplemental Appropriations)	Office of Comptroller General	No	Used to record approved Supplemental Appropriations
	BDAJ (BD100 Adjustments)	BADJ (Budget Adjustments)	Agency	Yes	Used to enter an increase to Budget (similar to the BD 100 process)

	CAPR (Capital Project Budget)	CAPR (Capital Project Budget)	Agency	Yes	Used to enter an increase to Budget for Capital Projects
	DFCT (Deficit Budget)	DFCT (Deficit Budget)	Agency	Yes	Used to enter an increase to Budget for agencies in a Deficit situation
Return (RETN)	UNBD (Budget for unbudgeted fund)	UNBD (Budget for unbudgeted fund)	Agency	No	Used to reduce budget for Unbudgeted funds
	BDAJ (BD100 Adjustments)	BADJ (Budget Adjustments)	Agency	Yes	Used to enter a decrease to Budget (similar to the BD 100 process)
	BDAJ (BD100 Adjustments)	EREV (Estimated Revenue)	Agency	Yes	Used to enter a decrease to Estimated Revenue (similar to the BD 100 process)
Transfer (SEND, RECV)	TRFW – Transfer with Workflow	Sender: TRSF(Transfer) Receiver: TRSF(Transfer)	Agency	Depends	Used to transfer authorized budget from one area of the Agency to another (FP, Account, Fund, etc.)
	IATR - Inter-agency Transfer	Sender: IATR (Inter-agency Transfer) Receiver: IATR (Inter-agency Transfer)	Sending Agency	Yes	Used to transfer authorized budget from one agency to another
	TRFW – Transfer with Workflow	Sender: TRSF(Transfer) Receiver: SEQR(Sequester)	Agency	Yes	Used to record an authorized Budget reduction (moves budget from consumable to non-consumable)
Carry Over (COSD, CORV)	CFWD – Carry Forwards	Sender: CFOR (Carryforwards) Receiver: CFOR (Carryforwards)	Office of State Budget (Appropriations Act) / Office of the Comptroller General / Agency	Yes	Will be used to record proviso authorized carry forwards

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.

Document Overview on/off | Hold | Prepost | Save Changes | Long Text | Messages log

Documents of FM Area SC01
 Posted
 Preposted
 Undone
 Held

Process: **TRAN Transfer**

Document type: TRFW TRFW (Transf...)
 Version: 0
 Document Date: 02/23/2010

Sender
 Fiscal Year: 2010 | Period: 8
 Budget Type: TRB2 TRANSFER OF SALARYFRINGE

Receiver
 Fiscal Year: 2010 | Period: 8
 Budget Type: TRSF TRANSFER OF APPROPRIATIONS

Payment Budget

Doc. Li...	-/+	Fund	Funds Ctr	Functional Area	Funded Program	Cmnt Item	Grant	Amount (USD)	Text
000001	-	10010000	P1600000	0000000000000000	0100.000000.000	501070	NOT RELEVANT	5,000.00	
000002	+	10010000	P1600000	0000000000000000	0100.000000.000	512001	NOT RELEVANT	5,000.00	

ECQ (1) (020) | scseiscqap4 | INS

Entry Document - Messages

Overview	Number
Budget consistency on FM account Assign.	1
Availability Control (FM)	1

STOP 0 | 2 | 0 | 0

Type	Message Text	LTxt	Deta...	Rec...
🚫	The current budget of the budget address is negative		🔍	📄
🚫	Annual budget exceeded by 22,794.32 USD (FM PB Availability Control) for document item 000001 on 9H/2010/N...	?	🔍	📄

Solution: Transfer additional funds to cover the negative balance of the specified budget address.


Display Annual Values of Control Objects

Control Objects Data: Annual Values

FM Area	SC01 (USD)	Grant	NOT RELEVANT
Fiscal Year	2010	Fund	10010000
Control Ledger	9H	Funds Center	P1600000
		Functional Area	<Space>

Hierarchy of Control Objects - Budget Addresses - Posting Addresses	Consumable Amt	Consumed Amt	Available Amt
<Several Commitment Item Values>	3,916,602.00	2,744,196.29	1,172,405.71
501011	92,007.00	57,504.42	34,502.58
501058	2,041,000.00	1,273,990.46	767,009.54
501070	46,000.00	65,153.71	19,153.71-
0100.000000.000	26,000.00	43,794.32	17,794.32-?
1001.000000.000	20,000.00	21,359.39	1,359.39-?
512001	937,348.00	847,107.53	90,240.47

**ANNUAL BUDGET EXCEEDED BY \$XXXXX.XX USD (FM PB AVAILABILITY CONTROL)
FOR DOCUMENT ITEM 000001 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:

Performance Assistant

Annual budget exceeded by 22,794.32 USD (FM PB Availability Control) for document item 000001 on 9H/2010/NOT RELEVANT/10010000/P1600000/501070-/0100.000000.000

Message no. ZFMAVCR05

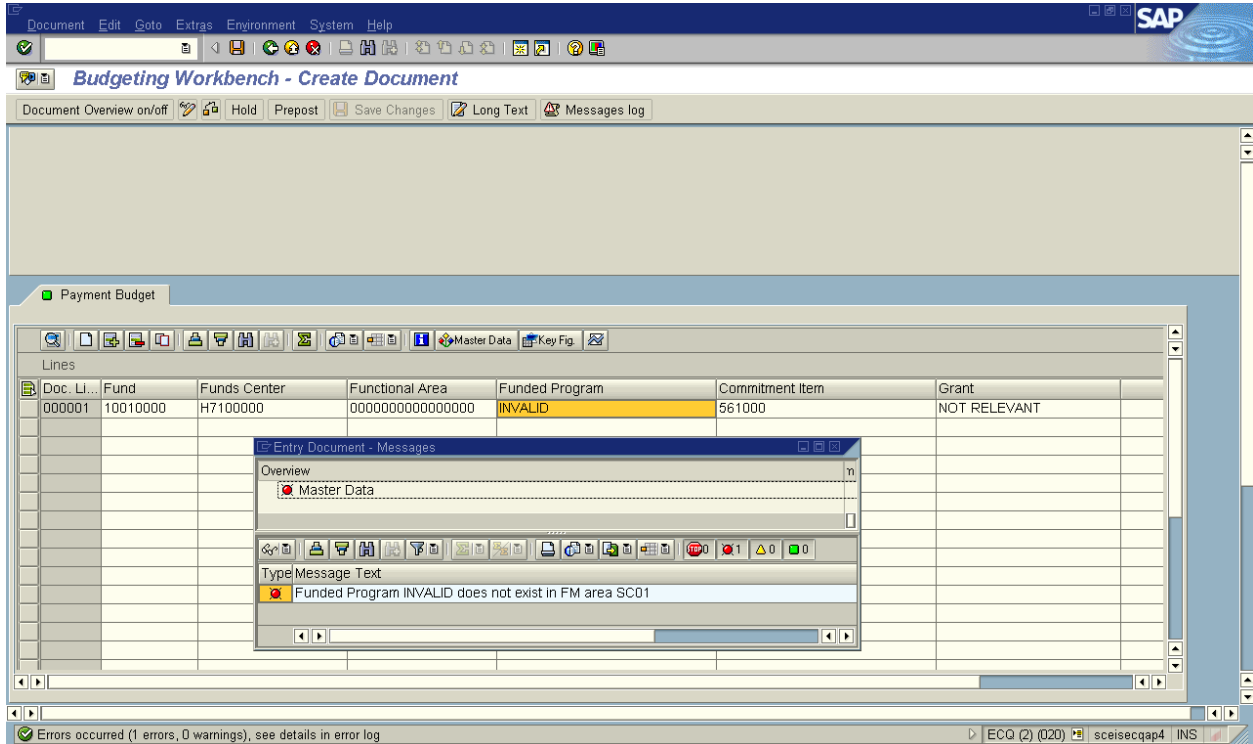
Diagnosis

The annual budget is exceeded by 22,794.32 USD (FM PB Availability Control) for the document item 000001. 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:

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.

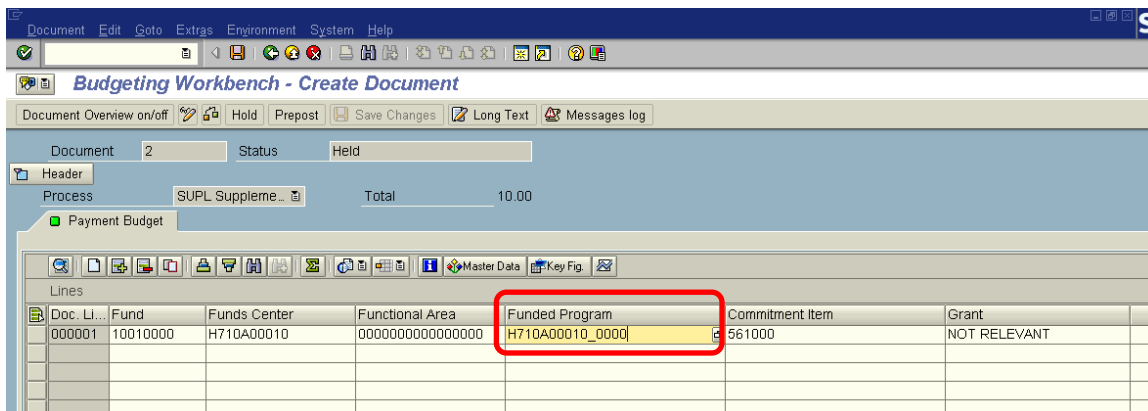
FUNDED PROGRAM INVALID DOES NOT EXIST IN FM AREA SC01

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).

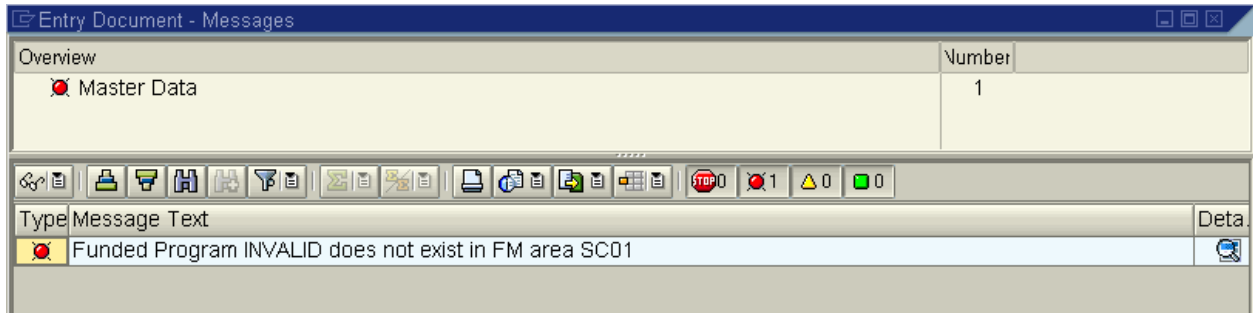


Solution: Review the funded program entered and confirm and/or correct the master data. Otherwise, select another valid funded program or change the commitment item to some other value not equal to 561000.

Another scenario in which this error may occur is if the user enters an agency level funded program in the FMBB transaction:



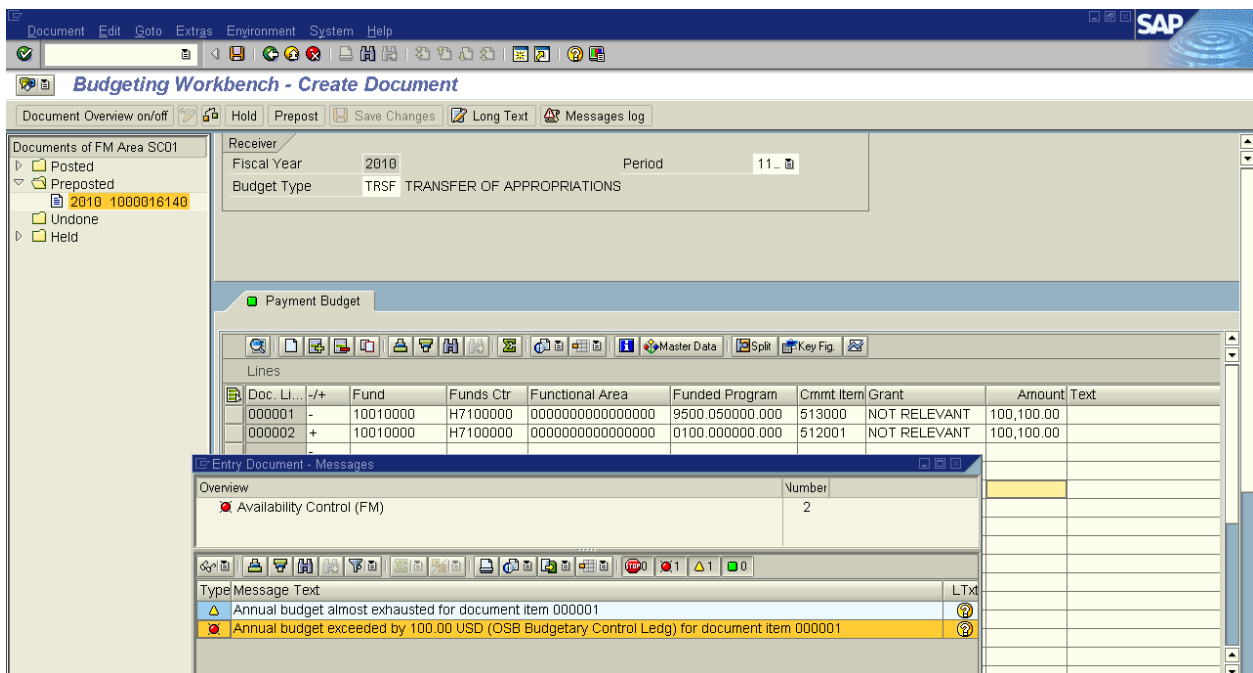
Solution: Users need to enter a *state level* (ex.: 0100.000000.000) vs. *agency level* (ex.: H710A00010_0000) funded program when entering FMBB transactions. Otherwise, if he/she enters such a value, then the system will issue the following error:



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.



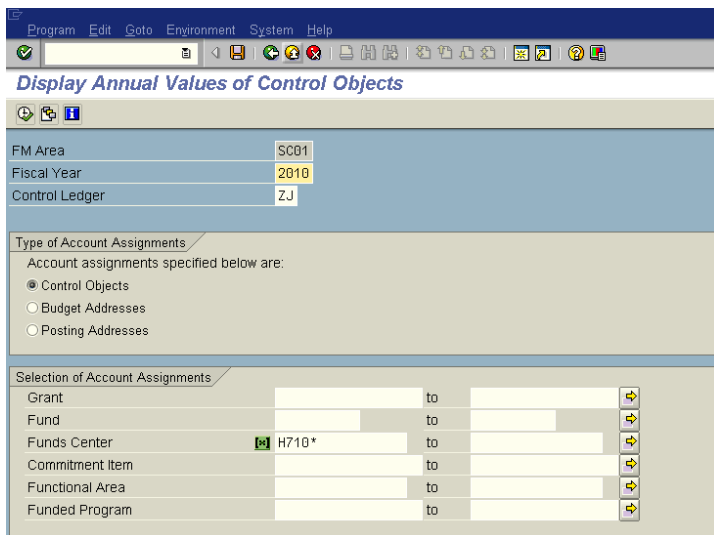


Solution: The user will need to contact his appropriate OSB representative to confirm what his agency’s 2% limit is and to request additional authorization, if needed. He can also view this figure by executing transaction FMAVCR01, entering the following values:

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:

List Edit Goto System Help
 Display Annual Values of Control Objects

Details Get Documents

Control Objects Data: Annual Values

FM Area	SC01 (USD)	Grant	<Space>
Fiscal Year	2010	Fund	<Space>
Control Ledger	ZJ	Funds Center	H7100000
		Commitment Item	900000
		Functional Area	<Space>

Hierarchy of Control Objects - Budget Addresses - Posting Addresses

	Consumable Amt	Consumed Amt	Available Amt
> <Space>	100,000.00	0.00	100,000.00

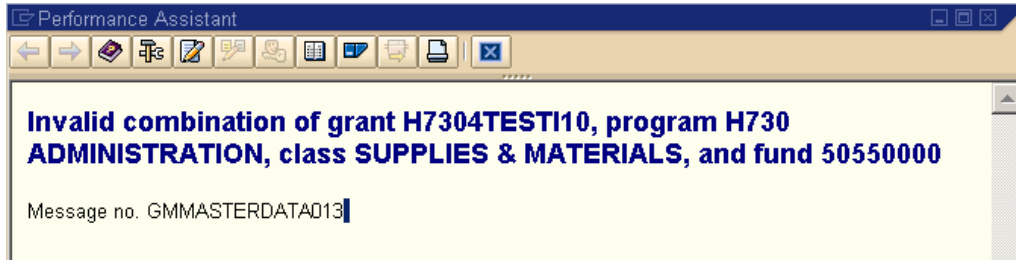
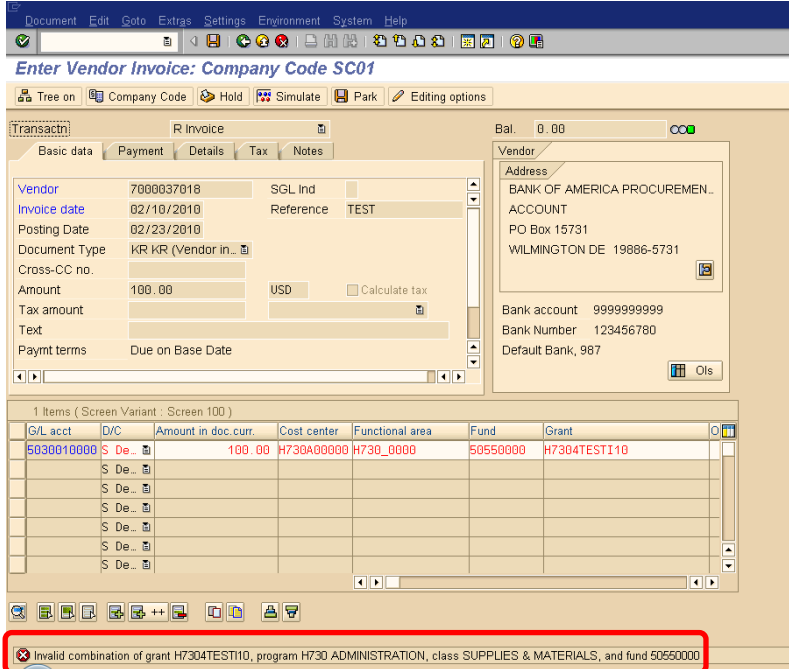
Once OSB approves and informs the individual of such authorization, he can then re-enter the budget transfer.

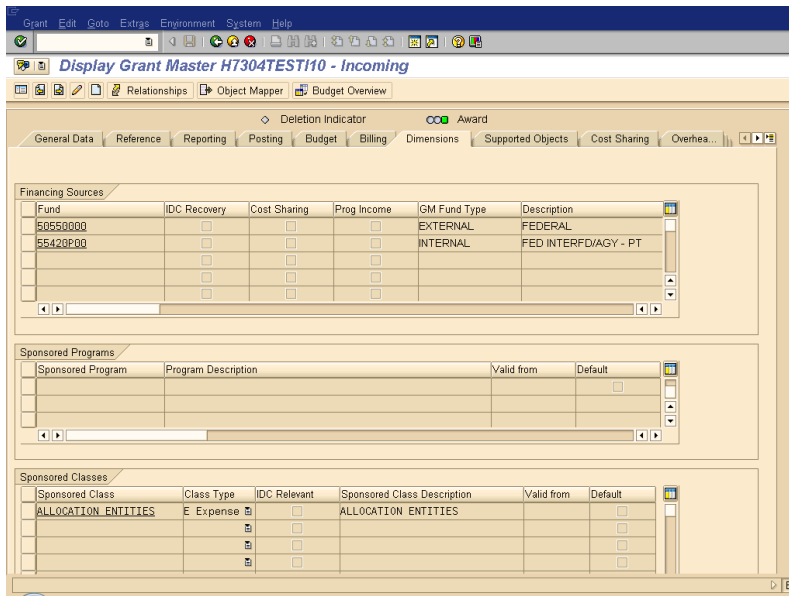
GRANTS MANAGEMENT (GM)

GENERAL FI POSTING ERRORS

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.





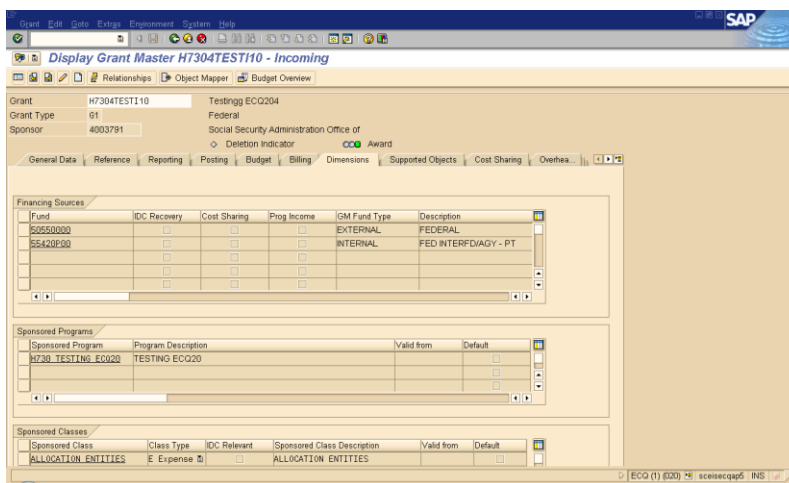
Solution: Once you have double checked the combination that you're trying to post to and you have determined that you do need the posting to go to this grant combination, you need to add the missing element to the Grant Master Data by going into t-code GMGRANT, putting the grant into Edit/Change mode 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 XXXXXXXXXXXX, 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:

SAP01 - Derivation Strategy 01: Display Strategy

Main...	Lon...	Derivation Type	Description
		Derivation Rule	Expired Grant (10000013 / 10000039) = Sponsored Program
		Derivation Rule	Derive Sponsored Program from Grant & Internal Order (FY 08)
		Derivation Rule	Derive Sponsored Program from Grant & IO >= FY 09
		Derivation Rule	Commitem --> Spon Class
		Derivation Rule	Comm Item + Grant --> Spon Class
		Derivation Rule	Spon Class + Grant --> Spon Class
		Derivation Rule	FA --> Spon Program
		Derivation Rule	FA + Grant --> Sponsored Program

Enter Vendor Invoice: Company Code SC01

Transactn: R Invoice Bal. 0.00

Vendor: 7000037018 SGL Ind
 Invoice date: 02/23/2010 Reference: test
 Posting Date: 02/23/2010
 Document Type: KR KR (Vendor in...)
 Cross-CC no.
 Amount: 100 USD Calculate tax
 Tax amount
 Text
 Company Code: SC01 State of South Carolina Columbia, SC
 Lot No.

GL acct	D/C	Amount in doc.curr.	Cost center	Functional area	Fund	Grant	Order
5170750000	S De	100.00	H730000010	H730X0008	50550000	H7304TEST110	
	S De						
	S De						
	S De						
	S De						
	S De						

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

Performance Assistant

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

Message no. GRANTMGMT407

GL Account / Sponsored Class Scenario:

Strategy Edit Goto Extras System Help

SAP01 - Derivation Strategy 01: Display Strategy

SAP01 - Derivation Strategy 01

Steps in Logical Order

Mai...	Lon...	Derivation Type	Description
		Derivation Rule	Expired Grant (10000013 / 10000039) = Sponsored Program
		Derivation Rule	Derive Sponsored Program from Grant & Internal Order (FY 08)
		Derivation Rule	Derive Sponsored Program from Grant & IO >= FY 09
		Derivation Rule	Commitem --> Spon Class
		Derivation Rule	Comm Item + Grant --> Spon Class
		Derivation Rule	Spon Class + Grant --> Spon Class
		Derivation Rule	FA --> Spon Program
		Derivation Rule	FA + Grant --> Sponsored Program

Entries Edit Goto View Extras System Help

SAP01 - Derivation Strategy 01: Display Rule Values

Derivation Rule Commitem --> Spon Class

No Value Filter Active

Rule Values

Commitment Item	To Commitment Item	A...	Sponsored Class
1801000000	1801999999	=	CAPITAL OUTLAY (MA)
4020000000	4029999999	=	GENERAL SALES AND US
4030000000	4300039999	=	ALL REVENUES
4300040000		=	IDC REVENUE
4300040001	4999999999	=	ALL REVENUES
5010000000	5010599999	=	PERSONAL SERVICES
5010600000	5010649999	=	UNCLASS POSITIONS
5010650000	5010659999	=	PERS SVCS-TEMP GRANT
5010660000	5010699999	=	PERSONAL SVCS-TEMP
5010700000	5010799999	=	PERSONAL SVCS-TEMP
5010800000	5019999999	=	PERSONAL SERVICES
5020000000	5029999999	=	CONTRACTUAL SERVICES
5030000000	5039999999	=	SUPPLIES & MATERIALS
5040000000	5049999999	=	FIXED CHARGES & CONT
5050000000	5059999999	=	TRAVEL
5060301000	5060398999	=	CAPITAL OUTLAY (MA)
5060399000		=	FIXED ASSETS(NON-CAP
5070000000	5079999999	=	LAND BLDGS INFRASTRU

Entry 1 of 71

Document Edit Goto Extras Settings Environment System Help

Park G/L Account Document: Company Code SC01

Tree on Company Code Simulate Save as completed Post Editing options

Basic data Details

Document Date: 02/23/2010 Currency: USD
 Posting Date: 02/23/2010
 Reference: test
 Doc Header Text: test
 Document Type: SU
 Company Code: SC01 State of South Carolina Columbia, SC

Amount Information
 Total deb.: 0.00 USD
 Total cred.: 0.00 USD

0 Items (No entry variant selected)

G/L acct	D/C	Amount in doc.curr.	Cost center	Functional area	Fund	Grant	Order
1310000000	S De.	100.00	H730A00000	H730_0006	50550000	H7304TESTI10	
5112510000	H Cr.	100	h730a00000	H730_0000	10010000		

For grant H7304TESTI10, program and class were not derived. Check rules.

Performance Assistant

For grant H7304TESTI10, program and class were not derived. Check rules.

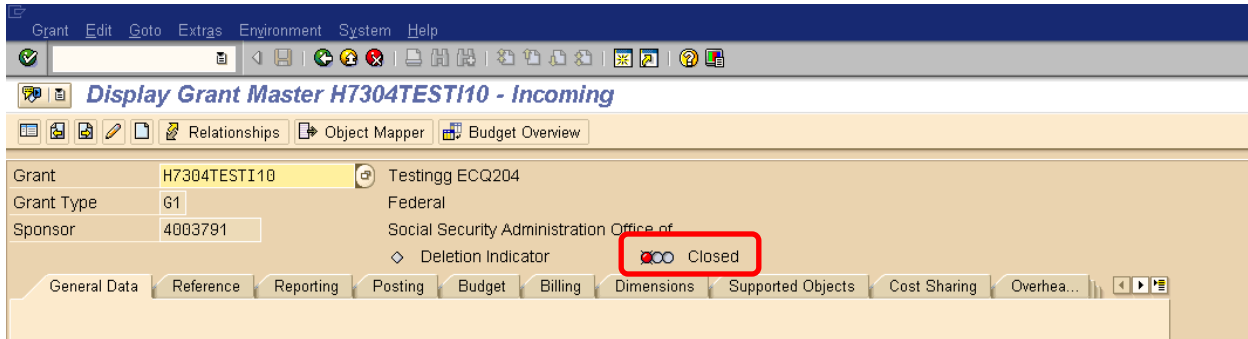
Message no. GRANTMGMT407

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.

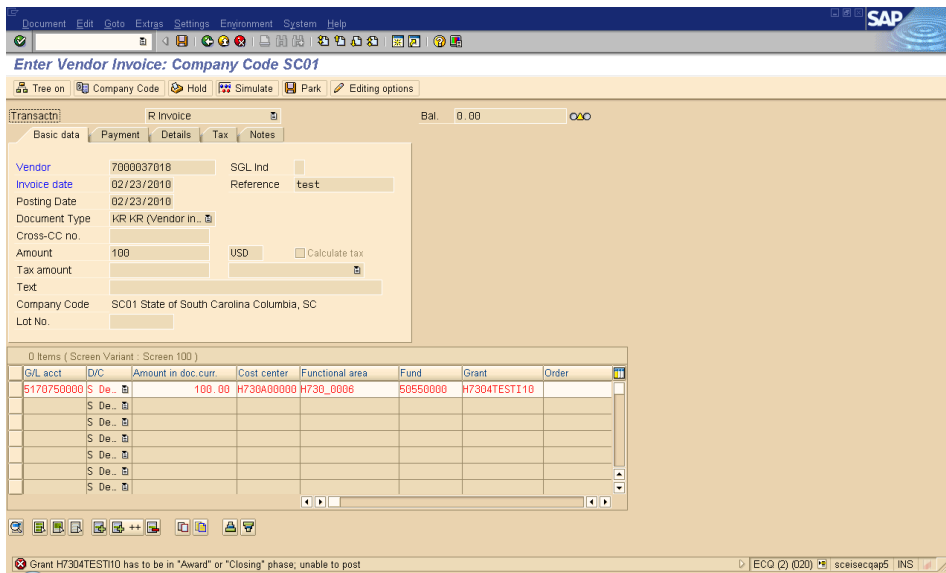
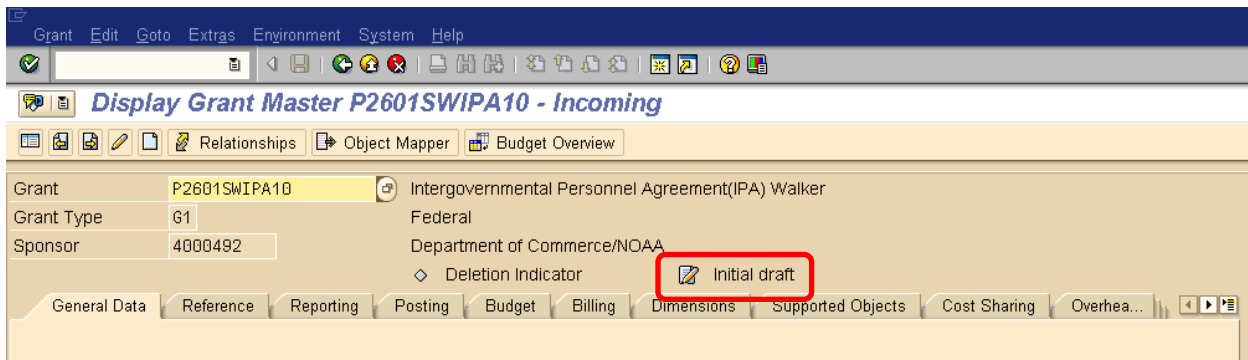
GRANT XXXXXXXXXXXX HAS TO BE IN "AWARD" OR "CLOSING" PHASE; UNABLE TO POST

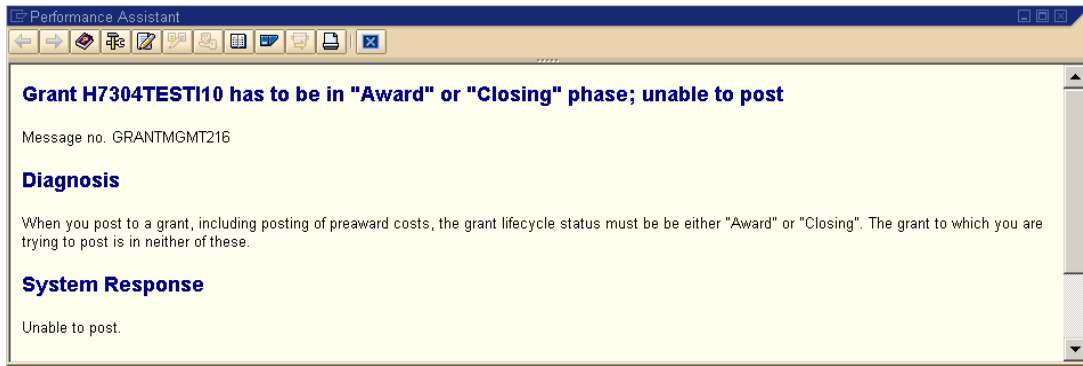
This message usually means either that the grant is not in "Award" status or the current posting date is outside of the grant validity dates on the Grant Master Data.

"Closed" status scenario:



"Initial draft" status scenario:

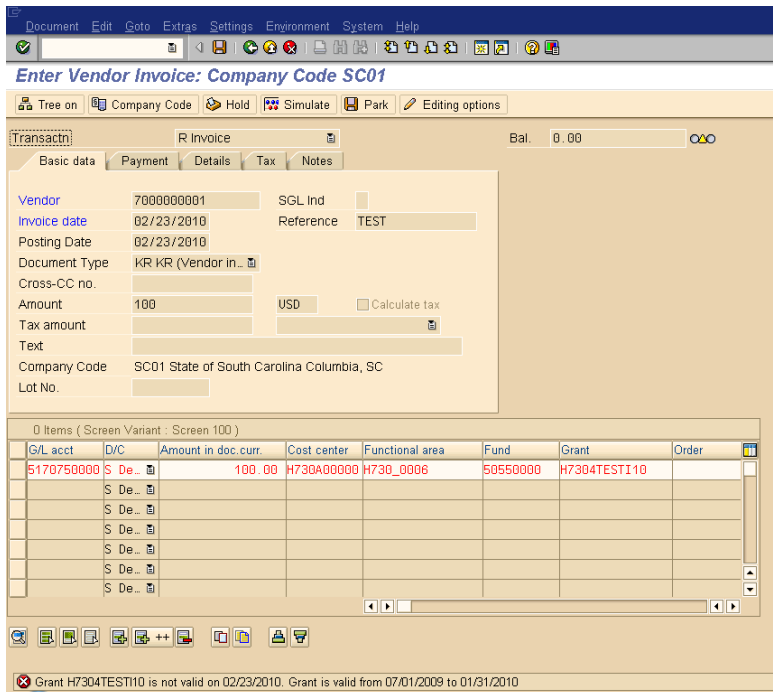


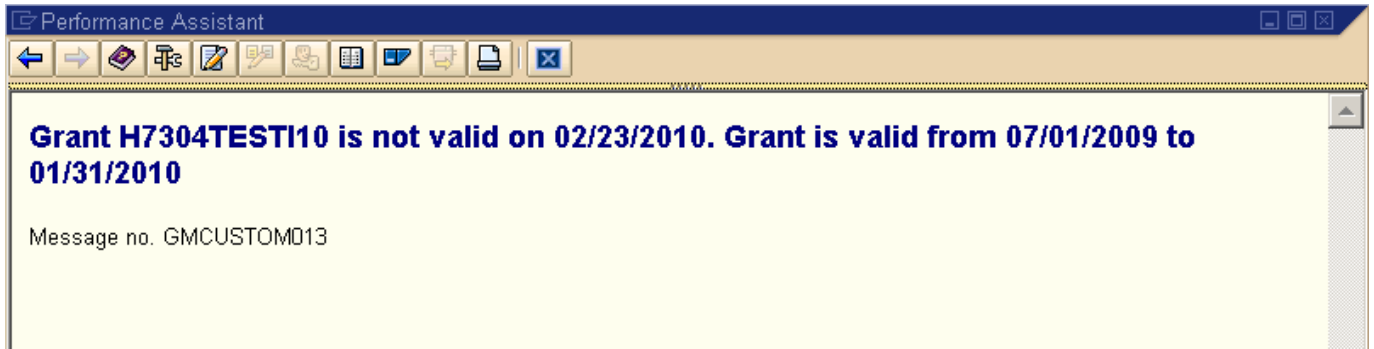


Solution – Check the grant’s status; the grant may still be in “Initial” or it may be in “Closed” status where it cannot accept postings. If this is the correct grant, you need to go to the Grant Master Data and change the status on the grant. You can do this by putting the grant into edit mode and then 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.

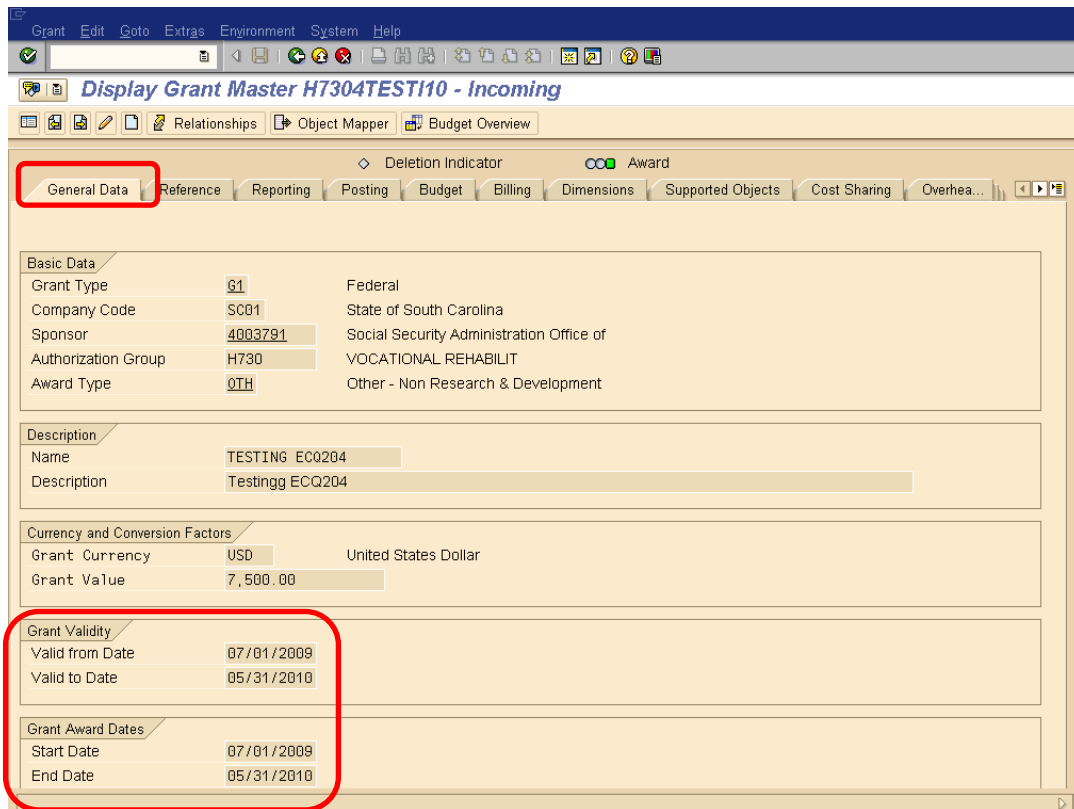
GRANT XXXXXXXXXXXX IS NOT VALID ON XX/XX/XX (POSTING DATE). GRANT IS VALID FROM XX/XX/XX TO XX/XX/XX:

Grant Validity	
Valid from Date	07/01/2009
Valid to Date	01/31/2010
Grant Award Dates	
Start Date	07/01/2009
End Date	01/31/2010





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.



BUDGET VALIDITY FOR GRANT XXXXXXXXXXXXX IN DATE XX/XX/XX IS NOT VALID

This message occurs when the grant's valid to date is inconsistent with the date range of the grant's budget validity period.

Enter Vendor Invoice: Company Code SC01

Transactn: R Invoice Bal. 0.00

Vendor: 7000000001 SGL Ind: Reference: TEST

Invoice date: 02/23/2010 Posting Date: 02/23/2010

Document Type: KR KR (Vendor in...) Amount: 100.00 USD

Tax amount: Text: Paymt terms: 22 Days net

Vendor Address: BEAUFORT AUTO ELECTRIC, PO Box 95, PORT ROYAL SC 29935

G/L acct	D/C	Amount in doc. curr.	Cost center	Functional area	Fund	Grant	Order	Earmark
5170750000	S De...	100.00	H730A00000	H730_0006	50550000	H7304...		
	S De...							
	S De...							
	S De...							
	S De...							
	S De...							
	S De...							

Budget validity for grant H7304TESTI10 in date 02/23/2010 is not valid

Budget validity for grant H7304TESTI10 in date 02/23/2010 is not valid

Message no. GRANTMGMT086

Diagnosis

You are trying to post a document into Grants Management (GM). To be able to do this, a valid budget validity period must exist for this grant. To determine a budget validity period, the system looks for a period that belongs to this grant in an award stage, that points to released budget, and that lies within the given time lines. No data satisfies all of these criteria.

System Response

Processing stops.

Procedure

In the grant master, make sure that:

- This grant has been awarded
- There are budget validity periods that point to released budget
- The dates are correct

If one or more of these criteria are not met, use GM functions to make the necessary changes.

Grant Edit Goto Extras Environment System Help

Display Grant Master H7304TEST110 - Incoming

Relationships Object Mapper Budget Overview

Deletion Indicator Award

General Data Reference Reporting Posting Budget Billing Dimensions Supported Objects Cost Sharing Overhea...

Basic Data

Grant Type: G1 Federal
 Company Code: SC01 State of South Carolina
 Sponsor: 4003791 Social Security Administration Office of
 Authorization Group: H730 VOCATIONAL REHABILIT
 Award Type: OTH Other - Non Research & Development

Description

Name: TESTING ECQ204
 Description: Testingg ECQ204

Currency and Conversion Factors

Grant Currency: USD United States Dollar
 Grant Value: 7,500.00

Grant Validity

Valid from Date: 07/01/2009
 Valid to Date: 05/31/2010

Grant Award Dates

Start Date: 07/01/2009
 End Date: 05/31/2010

Grant Edit Goto Extras Environment System Help

Change Grant Master H7304TEST110 - Incoming

Validate Change Status Relationships Object Mapper Budget Overview

Grant: H7304TEST110 Testingg ECQ204
 Grant Type: G1 Federal
 Sponsor: 4003791 Social Security Administration Office of

Deletion Indicator Award

General Data Reference Reporting Posting Budget Billing Dimensions Supported Objects Cost Sharing Overhea...

Budget Validity

Grant FY variant: EC July - June, 4 special periods
 Company Code FY Variant: SC July - June, 4 special periods
 Splitting Rule: 1 Grant Validity
 Budget Transfer Restrictions

Budget Validity Periods

Budge...	Budget Status	Budget Phase	Budg...	Sponsor FY	Grantee FY	A.	Valid from Date	Valid to Date
010	Released	Budget for Grant Award	◇	2010	2010	✓	07/01/2009	01/31/2010

Reset Using Splitting Rule

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:

Budge...	Budget Status	Budget Phase	Budg...	Sponsor FY	Grantee FY	A.	Valid from Date	Valid to Date
010	Released	Budget for Grant Award	◇	2010	2010	✓	07/01/2009	05/31/2010

SYSTEM ERROR: GRANTS MANAGEMENT UPDATE (RSPONSORED_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.

The screenshot shows the SAP 'Edit Parked G/L Account Document' interface. The document is for company SC01, dated 02/23/2010, with a document number 1000022381. The document type is SU (Adjustment document). The error dialog box, titled 'Cancel', displays the message: 'System error: Grants Management update: (RSPONSORED_PROG, LGMACU13)'. The dialog box has 'Exit' and a help icon button at the bottom.

GL acct	D/C	Amount in doc. curr.	Cost center	Functional area	Fund	Grant	Order	Earmarked f...	Earma...	Assignr
1300510000	S De...	100.00	H730A00000	H730_0006	50550000	H7304...				
5112510000	H Cr...	100.00	H730A00000	H730_0000	10010000	NOT R...				

This is a close-up of the error dialog box. It features a red stop sign icon and the text: 'System error: Grants Management update: (RSPONSORED_PROG, LGMACU13)'. The dialog box has a 'Cancel' title bar and 'Exit' and help icons at the bottom.

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:

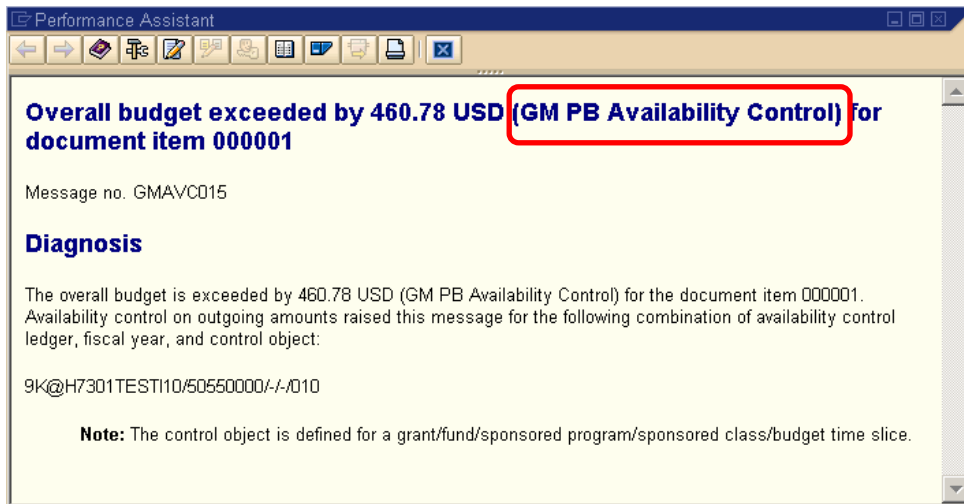
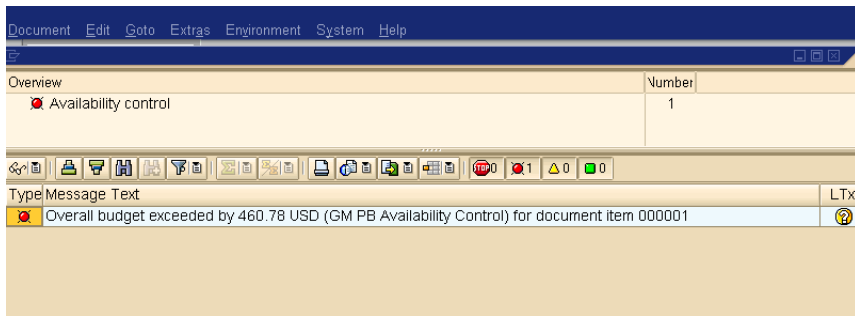
OVERALL BUDGET EXCEEDED BY XXXX.XX USD (GM PB AVAILABILITY CONTROL) FOR DOCUMENT ITEM XXXXXX

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

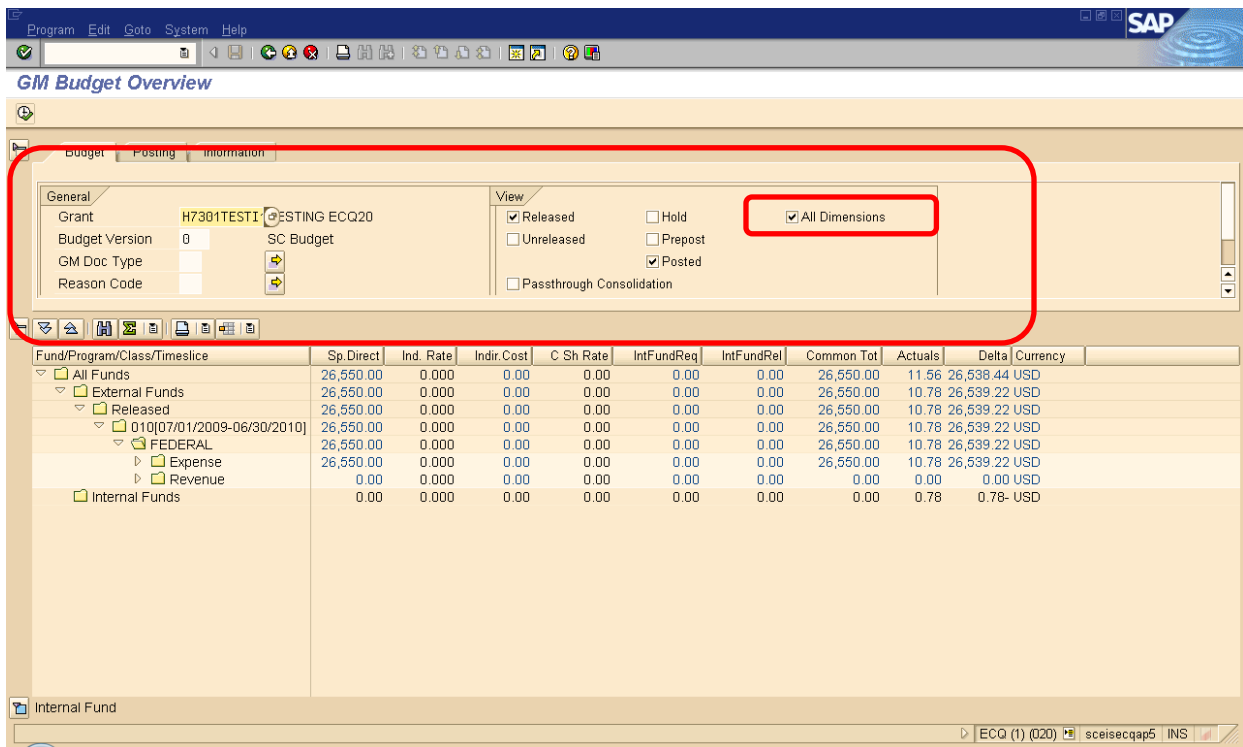
The screenshot displays the SAP 'GM Budget - Create Document used by CREYES' window. The document number is 000010, and the grant is H7301TESTI10. The budget version is 0, and the document status is 'Held'. The table below shows budget lines for 'H730 PROVIDED SRVS' with a total amount of 27,000.00 USD. A red box highlights the 'Error Log' icon in the top toolbar. Another red box highlights a message at the bottom: 'Errors occurred (1 errors, 0 warnings). See details in error log'.

Line	FM Ar...	Fund	Sponsored Program	Sponsored Class	Grantee FY	Amount	Commitment It...	Funds Center	Functional Area	Funded Program	T...
= 27,000.00											
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	0501.300000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	0502.100000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	27,000.00	517070	H7300000	0000000000000000	0502.250000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9500.050000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.000000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.956200.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.957400.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.956900.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.956600.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.955400.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.959200.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.959100.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.958300.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.957100.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.957600.000	

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 GMBDGTVIEW 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.

The screenshot shows the SAP 'GM Budget - Create Document used by CREYES' interface. The document number is 000010. The process is RETN Return, grant is H7301TESTI10, and currency is USD. The document date is 02/23/2010. The budget version is 0. The document status is Held, reversal status is Normal, and budget status is R Released.

The 'Detail Data' section shows a budget line for 000010 with a fund of 50550000 and a sponsored program of H730 PROVIDED SRVS. The table below shows the breakdown of the budget line:

Line	FM Ar...	Fund	Sponsored Program	Sponsored Class	Grantee FY	Amount	Commitment It...	Funds Center	Functional Area	Funded Program	T...
						100.00					
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	0501.300000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	0502.100000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	100.00	517070	H7300000	0000000000000000	0502.250000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9500.050000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.000000.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.956200.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.957400.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.956900.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.956600.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.955400.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.959200.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.959100.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9900.958300.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.957100.000	
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000	9901.957600.000	

The screenshot shows the 'Availability Control (FM)' message in SAP. The message text is: 'Annual budget exceeded by 50.00 USD (FM PB Availability Control) for document item 000001 on 9H/2010/H730...'. The message is of type 'Text' and has a severity of 'Error'.

Performance Assistant

Annual budget exceeded by 50.00 USD (FM PB Availability Control) for document item 000001 on
9H/2010/H7301TEST110/50000000/H7300000/517075/-/0502.250000.000

Message no. ZFMAYC005

Diagnosis

The annual budget is exceeded by 50.00 USD (FM PB Availability Control) for the document item 000001. 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

Program Edit Goto Environment System Help

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	H730*TEST*	to		
Fund	5*	to		
Funds Center		to		
Commitment Item	5*	to		
Functional Area		to		
Funded Program		to		

Restriction According to Attributes
 Multiple Selection FM Account Assignment Variant Name

Layout Options

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

EQ (4) (020) scejsecqap5 INS

LE
List Edit Goto System Help

Display Annual Values of Control Objects

Details Get Documents

Control Objects Data: Annual Values


FM Area	SC01 (USD)	Fund	50000000
Fiscal Year	2010	Funds Center	H7300000
Control Ledger	9H	Functional Area	<Space>
		Funded Program	0502.250000.000

Hierarchy of Control Objects - Budget Addresses - Posting Addresses

	Consumable Amt	Consumed Amt	Available Amt
<Several Grant Values>	26,624.00	10.78	26,613.22
H7301TEST10	26,550.00	10.78	26,539.22
512001	26,500.00	10.78	26,489.22
517075	50.00	0.00	50.00
H7304TEST210	74.00	0.00	74.00
517075	74.00	0.00	74.00

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 XXXXXX 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 

Performance Assistant

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

Message no. GRANTMGMT490

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.

50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	07/01/2009	06/30/2010	100.00	
<input type="button" value="Clear Amounts"/> <input type="button" value="Adjust from FM to GM"/> <input type="button" value="Show All"/> <input type="button" value="Distribution off"/> <input type="button" value="Distribution"/> <input type="button" value="Automatic Distribution off"/>						
Sponsored Program	Sponsored Class	Grantee FY	Amount	Commitment It...	Funds Center	Functional Area
			200.00			
H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000
H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000
H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	200.00	517075	H7300000	0000000000000000
H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000
H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000
H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000
H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000
H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000000000

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.

Type	Name of the column	Message Text
	Commitment Item	Invalid Data [BLANK] in Field Commitment Item


Sponsored Class	Grantee FY	Amount	Commitment It...	Funds Center	Functional A
			200.00		
ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000
ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000
ALLOC OTH ST AGCY	2010	200.00		H7300000	0000000000
ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000
ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000
ALLOC OTH ST AGCY	2010	0.00	517070	H7300000	0000000000

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

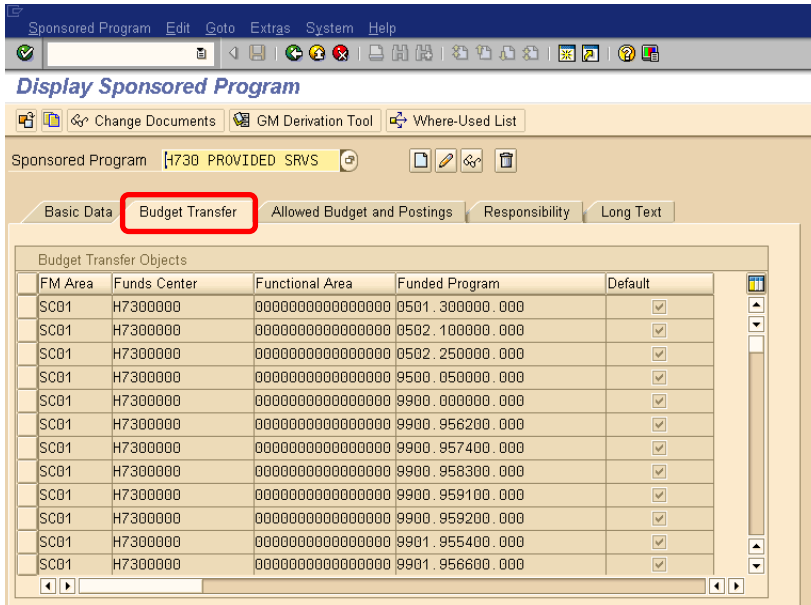
FUNDED PROGRAM INVALID DATA 0100.000000.000 IN FIELD

This message usually means that you have used a funded program that is not listed on the sponsored program on the budget transfer tab.



Grantee FY	Amount	Commitment Item	Funds Center	Functional Area	Funded Program
2010	0.00	517070	H7300000	0000000000000000	0501.300000.000
2010	0.00	517070	H7300000	0000000000000000	0502.100000.000
2010	1,000....	517070	H7300000	0000000000000000	0100.000000.000
2010	0.00	517070	H7300000	0000000000000000	9500.050000.000

Type	Name of the column	Message Text
	Funded Program	Invalid Data 0100.000000.000 in Field

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.

Document Edit Goto Extras Environment System Help SAP

GM Budget - Change Posted Document used by CREYES

Action Bar On Hold Prepost Undo Reverse Error Log Budget Overview

Document Number 1000005810 Check OK

Header Additional Information

Process RETN Return Currency USD Document Status Posted
 Grant H7301TESTI10 Document Date Search Normal
 GM Doc Type 04 Budget Version Held Released
 Header Description

List View Hierarchy View Object Mapper

Clear Amounts

Line	Valid from Date	Valid to Date	Fund	Sponsored Program	Sponsored Class	z Net Amount	Posting Date	Text
Class Type E Expenses							10.00	
000010	07/01/2009	06/30/2010	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	10.00	07/01/2009	

Bdgt Line 000010 50550000 H730 PROVIDED SRVS ALLOC OTH ST AGCY 07/01/2009 06/30/2010 10.00

Clear Amounts Show All Distribution off Distribution Automatic Distribution off

Line	FM Area	Fund	Sponsored Program	Sponsored Class	Grantee FY	Valid from Date	Valid to Date	z Amount	Commitment Item	Funds Center	Functional Area	Fur
10.00												
000010	SC01	50550000	H730 PROVIDED SRVS	ALLOC OTH ST AGCY	2010	07/01/2009	06/30/2010	10.00	512001	H7300000	000000000000000000	050

Search

Held

Effective

X