



OVERVIEW

Category

SQR

Application Overview

The Federal Government requires that each state report stimulus revenues. The Office of Budget Management (OBM) has an application which will be tracking stimulus revenues. This application will be updated daily with stimulus revenue data from Ohio Administrative Knowledge System (OAKS). An SQR interface will be built from OAKS to the OBM application.

This SQR will select and write out to an output file all revenues which fall under the Federal Stimulus Program at the time that they are received.

Supported Business Processes

Track Stimulus Revenues

Processing Overview

- The Stimulus Revenue interface will pull the following data from the PS_ITEM_DST and the PS_PAY_MISC_DST:
 - LEDGER
 - CF_ATTRIBUTE
 - DEPTID
 - PROGRAM_CODE
 - DESCR
 - FUND_CODE
 - PRODUCT
 - ACCOUNT
 - FISCAL_YEAR
 - ACCOUNTING_PERIOD
 - PROJECT_ID
 - BUDGET_REF
 - CLASS_FLD
 - CHARTFIELD1
 - CHARTFIELD2
 - CHARTFIELD3
 - OPERATING_UNIT
 - DEPOSIT_ID
 - MONETARY_AMOUNT
- Any revenues which fall under the accounts from the OH_ISTV_ACCOUNTS tree will be identified as Interstate State Transfer Voucher (ISTV) revenues.
- The interface will pull revenues for all program codes that fall under the federal stimulus program. This is designated by the following: PROGRAM_CODE equals a program code where
CF_ATTRIB_TBL.FIELDNAME = 'PROGRAM_CODE' AND
CF_ATTRIB_TBL.CF_ATTRIBUTE = 'FED_STIMULUS' AND
CF_ATTRIB_TBL.CF_ATTRIB_VALUE = 'Y.'



- This interface will be launched by a set of parameter: Fiscal Year to provide the requested data.
- The interface will be executed from **Home → General Ledger → Batch Processes → Stimulus Interface** .
- The interface will use the same run control as the Stimulus Expense Interface.
- The interface will be a scheduled batch process which will run nightly. It will not run on-demand.
- This interface will pick up revenues at the time they are actually received not when they are entered.

RTM Cross-Reference

- INF54 – Create a new AR interface to extract Federal Stimulus data at the time that it is received.

Conversion Impact

- N/A

Configuration Impact

- Any new Federal Stimulus program codes must have the FED_STIMULUS attribute with an attribute value of 'Y' added.

Change Management Impact

- For revenues program code is not a required field, training may need to be conducted to inform agencies to populate program code since federal stimulus revenues are being tracked by program code.

Security Impact

- Ensure that the new interface can be seen and used under the Menu Item labeled 'Stimulus Interface' and will be added to **Home → General Ledger → Batch Processes → Stimulus Interface** menu group/bar. Security will need to be added to the new menu item.

Technical Impact

- Due to the potential large number of transactions being reported, a performance analysis will have to be conducted prior to delivering the interface.
- The Stimulus Receivables interface will run in the nightly batch process and not on-demand
- The output file naming convention will be INF54OBM01_DD-MON-YYYY_\$process_instance.
- The output file be written out to the
oaksdrfilecl01\drfile_q\DATA_FILES\FNDV1\interfaces\processing\oh_inf54.
- Filemover will be set up to move the output file from
oaksdrfilecl01\drfile_q\DATA_FILES\FNDV1\interfaces\processing\oh_inf54 to the OBM staging folder where the file will be scheduled to FTP.
- The output file will be written out (with quotes around the strings) in a dat file format.
- If the SQR pulls no data, the output file will still be created.
- If the SQR fails, OAKS on-call batch team will be notified.



- The developer/designer will coordinate with OAKS batch scheduling to have the scheduled run of this interface set up.
- The interface will use the same run control as the Stimulus Expense Interface.
- An OBM employee should be set up with a batch administrator role and should have the ability to run this interface ad-hoc if need be.
- Managed Services requires that a CRM Ticket be logged when this process runs on an ad-hoc basis. When the run control parameters have not changed, the Managed Services Batch Team can be instructed to run from UC4.
- When changing the run control parameters from the default, specific instructions like the EXAMPLE below must be given to the Managed Services Batch Team.

Steps to run OHINF54 Interface:

- Navigate to General Ledger > Batch Processes > Stimulus Interface
- Select Batch_OH_INF54 Run Control Id
- Change Fiscal Year to 2009
- Run JOBS.GL.OHINF54 from UC4
- Once above job ran to success change Fiscal Year back to 2010

Cross Jurisdiction

- For revenues program code is not a required field, training may need to be conducted to inform agencies to populate program code since federal stimulus revenues are being tracked by program code.



Assumptions

- The Stimulus Receivables interface will be performance tested to replicate appropriate yearly data volumes.
- The Stimulus Receivables interface will not run on-demand. It will be a scheduled batch process which will run nightly.
- OAKS GL will be responsible for adding the FED_STIMULUS attribute to any new program codes.
- The output file naming convention will be INF54OBM01_DD-MON-YYYY_\$process_instance.
- The output file be written out to the
oaksdrfilec101\drfile_q\DATA_FILES\FNDV1\interfaces\processing\oh_inf54.
- Filemover will be set up to move the output file from
oaksdrfilec101\drfile_q\DATA_FILES\FNDV1\interfaces\processing\oh_inf54 to the OBM staging folder where the file will be scheduled to FTP.
- The output file will be written out (with quotes around the strings) in a dat file format.
- This interface will pick up revenues at the time they are actually received not when they are entered.
- Any revenues which fall under the accounts from the OH_ISTV_ACCOUNTS tree will be identified as ISTV revenues.
- If the SQR pulls no data, the output file will still be created.
- If the SQR fails, OAKS on-call batch team will be notified.
- For revenues program code is not a required field, training may need to be conducted to inform agencies to populate program code since federal stimulus revenues are being tracked by program code.
- The developer/designer will coordinate with OAKS batch scheduling to have the scheduled run of this interface set up.
- The interface will use the same run control as the Stimulus Expense Interface.
- An OBM employee should be set up with a batch administrator role and should have the ability to run this interface ad-hoc if need be.



- Pending Items

<u>Pending Item</u>	<u>Status(Open/Closed)</u>	<u>Resolution</u>
The interface needs to select the date when the revenue is received. Currently, the interface is not selecting this date.	Open	



ON-LINE OBJECTS IMPACT INVENTORY & DESCRIPTION

Field Description

<u>Field</u>	<u>New</u>	<u>Field Type</u>	<u>Field Length</u>	<u>Translate Values</u>	<u>Field Description</u>

Record Descriptions

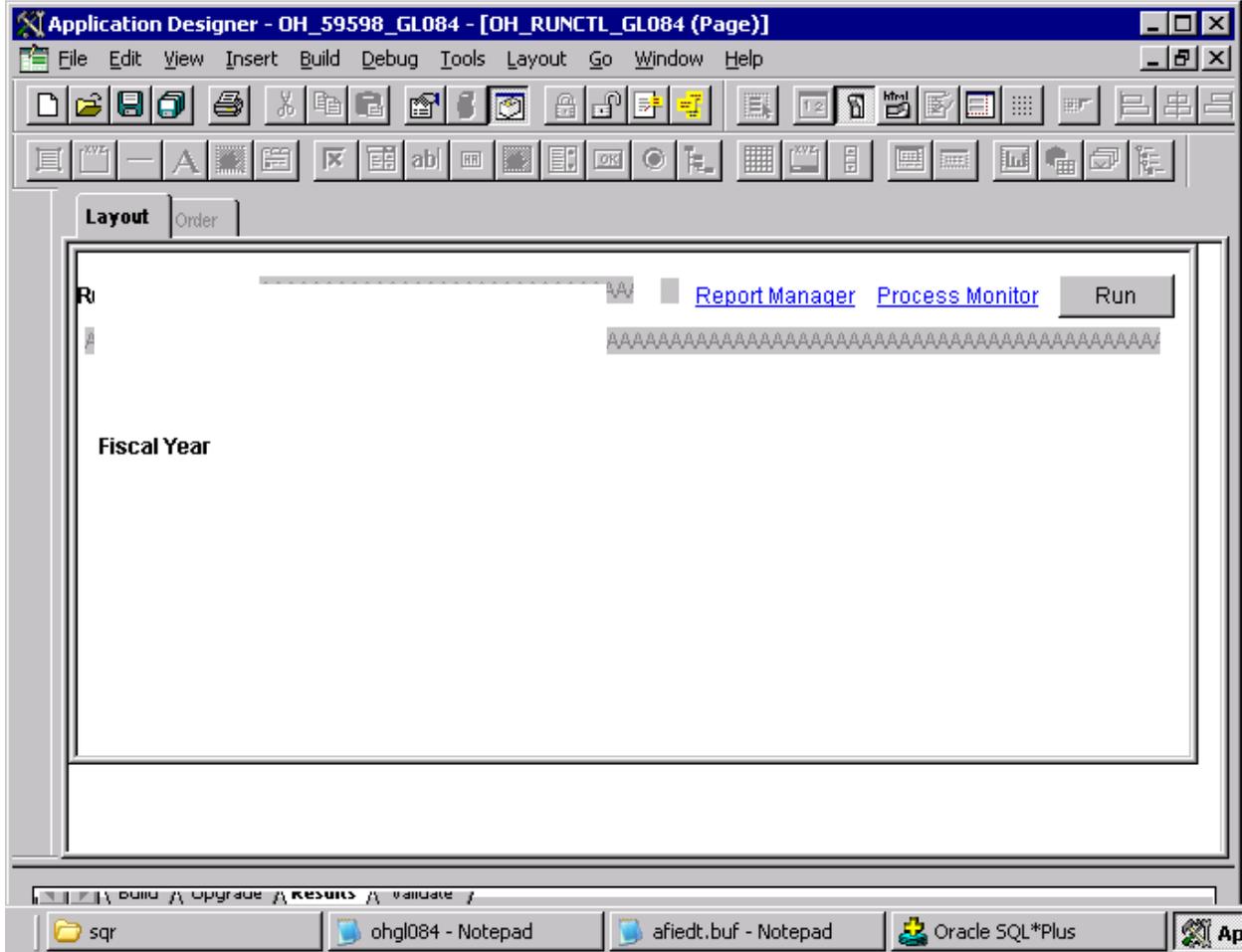
<u>RECORD NAME</u>	<u>New or Existing</u>	<u>Type</u>	<u>Audit Record</u>

<u>Field</u>	<u>Add or Modify</u>	<u>Required</u>	<u>Key</u>	<u>Search Key</u>	<u>List Box</u>	<u>Prompt Edit</u>	<u>Default</u>



Page Description

Below is a sample of the Stimulus Interface Run Control Page (OH_RUNCTL_GL084):



- The Fiscal Year field is dependent on the current date and will be calculated according to the current date.



Content Reference Description

<u>Content Reference Name</u>	<u>Label</u>	<u>Long Description</u>	<u>Sequence Number</u>
	Outbound Payment Data Interface	Outbound Payment Data Interface	50

Component Description

<u>Component Name</u>	<u>Pages Included</u>	<u>Page Order</u>	<u>Properties</u>

<u>Standard Search Record</u>	<u>'Add Mode' Search Record</u>	<u>Allowed Actions</u>

Menu Description

<u>Menu</u>	<u>Bar Name</u>	<u>Group Name</u>	<u>Item Name</u>

PeopleCode Description

- N/A

BATCH OBJECTS IMPACT INVENTORY & DESCRIPTION

Program Description

Business Logic / Calculation Rules

PSEUDO CODE

- 1) The main SQL to extract data from PS_ITEM_DST table.

```
select
/*+ parallel(a) */
A.LEDGER
,C.CF_ATTRIBUTE
,substr( A.DEPTID,1,3)
,A.PROGRAM_CODE
,B.DESCR
,A.FUND_CODE
```



```
,A.PRODUCT
,A.ACCOUNT
,A.FISCAL_YEAR
,A.ACCOUNTING_PERIOD
,A.PROJECT_ID
,A.BUDGET_REF
,A.CLASS_FLD
,A.CHARTFIELD1
,A.CHARTFIELD2
,A.CHARTFIELD3
,A.OPERATING_UNIT
,SUM(A.MONETARY_AMOUNT)
FROM PS_ITEM_DST A, PS_PROGRAM_TBL B, PS_CF_ATTRIB_TBL C
WHERE A.LEDGER = 'ACTUALS'
      AND A.FISCAL_YEAR = $FiscalYear
      AND A.ACCOUNTING_PERIOD BETWEEN 1 AND 12
      AND A.GL_DISTRIB_STATUS = 'D'
      AND A.PROGRAM_CODE = B.PROGRAM_CODE
      AND B.EFFDT =
        (SELECT MAX(B_ED.EFFDT) FROM PS_PROGRAM_TBL B_ED
         WHERE B.SETID = B_ED.SETID
          AND B.PROGRAM_CODE = B_ED.PROGRAM_CODE
          AND B_ED.EFFDT <= SYSDATE)
      AND B.SETID = C.SETID
      AND A.PROGRAM_CODE = C.CHARTFIELD_VALUE
      AND C.FIELDNAME = 'PROGRAM_CODE'
      AND C.CF_ATTRIBUTE = 'FED_STIMULUS'
      AND C.CF_ATTRIB_VALUE = 'Y'
      AND C.EFFDT = (SELECT MAX(ED.EFFDT) FROM PS_CF_ATTRIB_TBL ED
                     WHERE ED.SETID = C.SETID
                      AND ED.CHARTFIELD_VALUE = C.CHARTFIELD_VALUE
                      AND ED.FIELDNAME=C.FIELDNAME
                      AND ED.CF_ATTRIBUTE=C.CF_ATTRIBUTE
                      AND ED.CF_ATTRIB_VALUE = C.CF_ATTRIB_VALUE
                      AND ED.EFFDT <= SYSDATE)

GROUP BY
A.LEDGER
,C.CF_ATTRIBUTE
,substr( A.DEPTID,1,3)
,A.PROGRAM_CODE
,B.DESCR
,A.FUND_CODE
,A.PRODUCT
,A.ACCOUNT
,A.FISCAL_YEAR
,A.ACCOUNTING_PERIOD
,A.PROJECT_ID
,A.BUDGET_REF
,A.CLASS_FLD
```



,A.CHARTFIELD1
,A.CHARTFIELD2
,A.CHARTFIELD3
,A.OPERATING_UNIT

2) The main SQL to extract data from PS_PAY_MISC_DST table.

```
select
/*+ parallel(a) */
A.LEDGER
,C.CF_ATTRIBUTE
,substr( A.DEPTID,1,3)
,A.PROGRAM_CODE
,B.DESCR
,A.FUND_CODE
,A.PRODUCT
,A.ACCOUNT
,A.FISCAL_YEAR
,A.ACCOUNTING_PERIOD
,A.PROJECT_ID
,A.BUDGET_REF
,A.CLASS_FLD
,A.CHARTFIELD1
,A.CHARTFIELD2
,A.CHARTFIELD3
,A.OPERATING_UNIT
,SUM(A.MONETARY_AMOUNT)
FROM PS_PAY_MISC_DST A, PS_PROGRAM_TBL B, PS_CF_ATTRIB_TBL C
WHERE A.LEDGER = 'ACTUALS'
  AND A.FISCAL_YEAR = $FiscalYear
  AND A.ACCOUNTING_PERIOD BETWEEN 1 AND 12
  AND A.GL_DISTRIB_STATUS = 'D'
  AND A.PROGRAM_CODE = B.PROGRAM_CODE
  AND B.EFFDT =
    (SELECT MAX(B_ED.EFFDT) FROM PS_PROGRAM_TBL B_ED
     WHERE B.SETID = B_ED.SETID
     AND B.PROGRAM_CODE = B_ED.PROGRAM_CODE
     AND B_ED.EFFDT <= SYSDATE)
  AND B.SETID = C.SETID
  AND A.PROGRAM_CODE = C.CHARTFIELD_VALUE
  AND C.FIELDNAME = 'PROGRAM_CODE'
  AND C.CF_ATTRIBUTE = 'FED_STIMULUS'
  AND C.CF_ATTRIB_VALUE = 'Y'
  AND C.EFFDT = (SELECT MAX(ED.EFFDT) FROM PS_CF_ATTRIB_TBL ED
                 WHERE ED.SETID = C.SETID
                 AND ED.CHARTFIELD_VALUE = C.CHARTFIELD_VALUE
                 AND ED.FIELDNAME=C.FIELDNAME
                 AND ED.CF_ATTRIBUTE=C.CF_ATTRIBUTE
                 AND ED.CF_ATTRIB_VALUE = C.CF_ATTRIB_VALUE
```



AND ED.EFFDT <= SYSDATE)

```

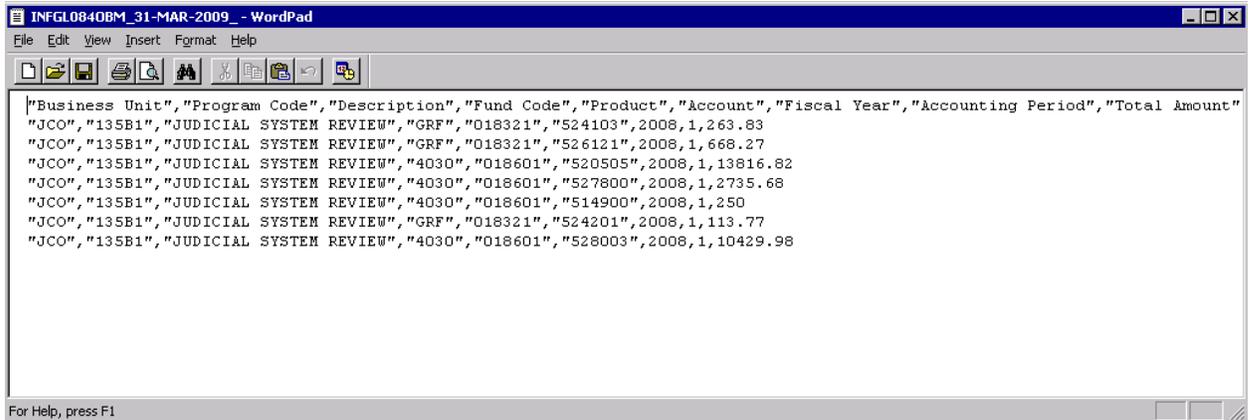
GROUP BY
A.LEDGER
,C.CF_ATTRIBUTE
,substr( A.DEPTID,1,3)
,A.PROGRAM_CODE
,B.DESCR
,A.FUND_CODE
,A.PRODUCT
,A.ACCOUNT
,A.FISCAL_YEAR
,A.ACCOUNTING_PERIOD
,A.PROJECT_ID
,A.BUDGET_REF
,A.CLASS_FLD
,A.CHARTFIELD1
,A.CHARTFIELD2
,A.CHARTFIELD3
,A.OPERATING_UNIT

```

Input File

N/A

Output File



Output Information

```

LEDGER
CF_ATTRIBUTE
DEPTID
PROGRAM_CODE
DESCR

```



FUND_CODE
PRODUCT
ACCOUNT
FISCAL_YEAR
ACCOUNTING_PERIOD
PROJECT_ID
BUDGET_REF
CLASS_FLD
CHARTFIELD1
CHARTFIELD2
CHARTFIELD3
OPERATING_UNIT
DEPOSIT_ID
MONETARY_AMOUNT

Interface Control Totals

- N/A

APPLICATION ENGINE

N/A

APPLICATION MESSAGING

N/A



REPORTING

- N/A

MANUAL FORMS

- N/A

WORKFLOW

- N/A

CONVERSION

- N/A



CHANGES FROM GENERAL DESIGN/CHANGE REQUEST

N/A

TEST SCENARIOS

- Navigate to the run control page (**Home → General Ledger → Batch Processes → Stimulus Interface**) and verify that the Fiscal Year showing on the run control page is the current fiscal year.
- Attempt to enter and run the interface with the Fiscal Year blank. The Fiscal Year is required and the page cannot be saved.
- Attempt to run the interface in which security access is not granted. Interface menu is not available.
- Run the interface and validate the interface and totals match the expected results.
- Verify that the interface contains information for program codes which have an attribute of FED_STIMULUS only.
- Verify that the interface contains information for accounts which start with '4' (revenue accounts) only.
- For accounts from the OH_ISTV_ACCOUNTS tree, verify that the ISTV Column is marked 'Y.'



INPUT PROVIDED BY

Name	Title, Department
Derek Bridges	
Nick Spring	
Joe Van Dyke	
Renee Weber	

CHANGE LOG

Date	Author	Change Description
05/11/09	Chavi Mohan	Initial Draft



SIGNOFF

Application Team Review

_____ Date: _____
State Module Lead

_____ Date: _____
State Design Lead
(Includes Performance Signoff)

_____ Date: _____
State Financials Lead