

Banner General Release Guide

*Release 8.1
September 2008*



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Revision History Log**Publication Date Summary**

September 2008	New version that supports 8.1 software.
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Think before you print.

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Introduction

This guide documents Release 8.1 of the Banner General System. Release 8.1 includes enhancements, RPEs, and problem resolutions.

This document describes the following enhancements.

SEVIS

Banner was updated to support SEVIS Release 5.10.

Distributed Security

A new form lets you create distributed security user accounts, and several other updates make it easier to manage Banner user accounts.

Supplemental Data Engine

A new process helps you review and delete orphaned supplemental data records.



1 SEVIS - Functional



The U.S. Department of Homeland Security (DHS) has announced processing changes with SEVIS Release 5.10. SEVIS 5.10, implemented on Friday, August 8, 2008, required changes to Banner's GOASEVS form. These changes were posted in Regulatory Update reg_gen80000-1, and have also been rolled into the General 8.1 release.

Changed Form

SEVIS Information (GOASEVS)

SunGard Higher Education's analysis of the changes in SEVIS 5.10 indicate several impacts for SEVIS processing for Banner clients. Some of these changes are accommodated by changes to GOASEVS, while others may require analysis and manual changes to Banner at your institution.

New Reprint Reason Code

A new SEVIS Reprint Reason of *Updated* will be available for F/M student Reprint I-20 events.

Reprint Code: *50*

Request Reprint Reason: *Updated*

You can manually add this Reprint Code and Description in Banner's GTVSVRP form.

Changes Related to Optional Practical Training (OPT) for F-1 Students

SEVIS 5.10 will permit school users to request Optional Practical Training (OPT) for F-1 students up to and including 60 days beyond the Program End Date. SEVIS Processing Error Code S1038 has been changed to reflect this new time frame.

In addition, the Employment Start Date for F-1 student OPT requests may be no more than 61 days beyond the program end date. The new SEVIS Processing Error Code S1121 enforces this timing requirement.

Because Banner does not provide any restrictions for submitting OPT Start Date employment, no Banner changes were made for this SEVIS change. You should continue to be aware of SEVIS OPT rules for submission.

Changes Related to Next Session Start Date

SEVIS 5.10 will permit school users to enter a Next Session Start Date that occurs after the Program End Date. SEVIS Processing Error Code S1117, *Next session start date must be on or before the program end date*, has been removed.

Banner form GOASEVS has been modified to remove the validation routines that enforce this restriction on Next Session Start Date.

Changes to Country Codes

Two new country codes have been added.

Country Code	Description
RN	SAINT MARTIN
TB	SAINT BARTHELEMY

One country code's description has been changed.

Country Code	Description
TT	TIMOR-LESTE

You can evaluate how these Country Code changes affect your school and decide how to accommodate them. If you choose, you can manually update the country codes in Banner form STVNATN.

2 Distributed Security - Technical



Overview

Banner General Release 8.0 included substantial new functionality in the area of distributed security. Release 8.1 enhances this area with additional features.

- You can now assign owners for security groups and distributed security groups.
- The new Distributed Security User Maintenance form (GSADSUM) simplifies the process of setting up distributed security accounts.
- New views make it easier to see the complete set of permissions for a Banner user or a distributed security user.

This release's changes are described briefly here. For more information, see the 8.1 *Banner Security Administration Handbook*.

New Forms

Distributed Security User Maintenance (GSADSUM)

The new Distributed Security User Maintenance form (GSADSUM) makes it easier to create a new distributed security user. A distributed security user is a security administrator with specifically limited access to security functions.

Previously, the only way to create a Banner distributed security user was to run a series of SQL scripts. For full details on GSADSUM, see the 8.1 *Banner Security Administration Handbook*.

Changed Forms

Distributed Security (GSADSEC)

The form has been updated to allow assigning owners to Security Groups and Distributed Security Groups.

- An **Owner** field has been added to the Distributed Groups tab and the Security Groups tab
- A new Distributed Group Owners tab lets you maintain proxied owners for distributed security groups.
- In the Group Details tab, a new Owners tab lets you maintain proxied owners for security groups.

Security Maintenance (GSASECR)

In this form, Security Group ownership rules established in GSADSEC will apply. A security administrator managing a user account in GSASECR cannot assign a user to a security group, unless that administrator has permissions for that security group as established in the GSADSEC form.

Banner Security Audit Transactions (GSAAUDT)

This form, which provides a way to view historical records in Banner's security audit tables, has been updated to support the new Distributed Security Rules Table (GURDSUR).

GSAAUDT has been updated to show new data in two other audit tables:

- GTVSGRP: Security Groups
- GTVOWNG: Distributed Groups

Changed Menus

*SECURITY

The new GSADSUM form has been added to the *SECURITY menu.

New Security Role

The `BAN_DEFAULT_NO_ACCESS` security role has been delivered. This role is created during the installation process for Release 8.1.

Instructions for creating this role manually were included in the documentation with Release 8.0.

New Tables

Distributed Security Rules Table (GURDSUR)

This new table works with the `GSADSUM` form to create and maintain distributed users.

Column	Type	Description
<code>GURDSUR_ACTION</code>	<code>VARCHAR2(30) NOT NULL</code>	The SQL action verb, typically ALTER, CREATE, DROP or GRANT
<code>GURDSUR_PRIV_ROLE_OBJ</code>	<code>VARCHAR2(60) NOT NULL</code>	The Privilege, Role, or Object that the action is being performed with, for example, ALTER ROLE, CREATE SYNONYM
<code>GURDSUR_USER_ROLE_OBJ</code>	<code>VARCHAR2(60) NOT NULL</code>	The User, Role, or Object that is being acted upon, for example, GRANT DELETE GTVCLAS, CREATE USER <user_name>
<code>GURDSUR_ALL_ACCT_IND</code>	<code>VARCHAR2(01) NOT NULL</code>	A Y/N indicator to specify whether the related command should be executed for all distributed security accounts during account creation
<code>GURDSUR_NEW_ACCT_IND</code>	<code>VARCHAR2(01) NOT NULL</code>	A Y/N indicator to specify whether the related command should be executed when creating a new distributed security account. Note that the SEQUENCE number is typically used in this case as well

Column	Type	Description
GURDSUR_ALTER_USER_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to ALTER USERS
GURDSUR_CREATE_USER_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to CREATE USERS.
GURDSUR_DROP_USER_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to DROP USERS.
GURDSUR_ALTER_ROLE_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to ALTER ROLES.
GURDSUR_CREATE_ROLE_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to CREATE ROLES.
GURDSUR_DROP_ROLE_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to DROP ROLES.

Column	Type	Description
GURDSUR_CLASS_MAINT_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to perform CLASS MAINTENANCE
GURDSUR_OBJ_MAINT_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to perform OBJECT MAINTENANCE
GURDSUR_PROF_MAINT_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to perform INSTITUTION PROFILE MAINTENANCE
GURDSUR_VIEW_AUDIT_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to VIEW AUDIT HISTORY
GURDSUR_VIOL_MAINT_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the related command should be executed for a distributed security accounts that needs to be able to MAINTAIN the VIOLATION LOG
GURDSUR_SYS_REQ_IND	VARCHAR2(01) NOT NULL	A Y/N indicator to specify whether the record is system required or not
GURDSUR_USER_ID	VARCHAR2(30) NOT NULL	User ID of the user who created or last updated the record
GURDSUR_ACTIVITY_DATE	DATE NOT NULL	Date record was created or last updated

Column	Type	Description
GURDSUR_SEQ	INTEGER	A sequence number used to indicate the order of execution of statements during account creation
GURDSUR_OBJ_ROLE_USER_OPT	VARCHAR2(60)	OBJECT ROLE USER or OPTION: In some cases, statements need additional parameters supplied
GURDSUR_OPTION	VARCHAR2(60)	OPTION: In some cases, statements need additional options supplied
GURDSUR_COMMENTS	VARCHAR2(4000)	Comments related to this rule
GURDSUR_DATA_ORIGIN	VARCHAR2(30)	Source system that created or updated the row

New Audit Tables

GURADSU

The new GURADSU audit table stores audit information for the new GURDSUR table.

GURASGR

The new GURASGR audit table stores audit information for the GTVSGRP table.

GURAVOG

The new GURAVOG audit table stores audit information for the GTVOWNG table.

Changed Tables

GTVSGRP: Security Groups

In this table the `GTVSGRP_OWNER` column was added to store the owner of the security group. The initial value of the column is set to *PUBLIC* (any distributed user can access the group) to match the behavior that existed prior to this release.

GTVOWNG: Distributed Groups

In this table the `GTVOWNG_OWNER` column was added to store the owner of the distributed group. The initial value of the column is set to *PUBLIC* (any distributed user can access the group) to match the behavior that existed prior to this release.

GURAOWN

The comment on the `GURAOWN_OBJECT_TYPE` column was updated to reflect a new value that will be stored. The comment now reads: *OBJECT TYPE: The type of object. C-Class, G-Distributed Security Groups, O-Object, P-Profile, R-Role, S-Security Groups.*

GUROWN

The comment on the `GUROWN_OBJECT_TYPE` column was updated to reflect a new value that will be stored. The comment now reads: *OBJECT TYPE: The type of object. C-Class, G-Distributed Security Groups, O-Object, P-Profile, R-Role, S-Security Groups.*

New Triggers

gt_gurdsur_audit_row

This new trigger responds to changes in the `GURDSUR` table and saves audit records in the `GURADSU` audit table.

gt_gtvsggrp_audit_row

This new trigger responds to changes in the `GTVSGRP` table and saves audit records in the `GURASGR` audit table.

gt_gtvowng_audit_row

This new trigger responds to changes in the `GTVOWNG` table and saves audit records in the `GURAVOG` audit table.

New Scripts



Note

Unless otherwise noted, new scripts are run as part of the upgrade process for a release.

Table Scripts

The following scripts create new tables or update tables in this release.

Script	Purpose
gtvowng_080100_01.sql	Add column GTVOWNG_OWNER
gtvowng_080100_02.sql	Set the value of GTVOWNG_OWNER to <i>PUBLIC</i>
gtvowng_080100_03.sql	Create comments for GTVOWNG_OWNER
gtvsgrp_080100_01.sql	Add column GTVSGRP_OWNER
gtvsgrp_080100_02.sql	Set the value of GTVSGRP_OWNER to <i>PUBLIC</i>
gtvsgrp_080100_03.sql	Create comments for GTVSGRP_OWNER
guradsu_080100_01.sql	Create new audit table BANSECR.GURADSU
guradsu_080100_02.sql	Create key for BANSECR.GURADSU
guradsu_080100_03.sql	Create comments for BANSECR.GURADSU
guraown_080100_01.sql	Change comments for GURAOWN_OBJECT_TYPE
gurasgr_080100_01.sql	Create new audit table BANSECR.GURASGR
gurasgr_080100_02.sql	Create key for BANSECR.GURASGR
gurasgr_080100_03.sql	Create comments for BANSECR.GURASGR
guravog_080100_01.sql	Create new audit table BANSECR.GURAVOG
guravog_080100_02.sql	Create key for BANSECR.GURAVOG
guravog_080100_03.sql	Create comments for BANSECR.GURAVOG
gurdsur_080100_01.sql	Creates the new table BANSECR.GURDSUR.
guownr_080100_01.sql	Change comments for GUOWNR_OBJECT_TYPE

Trigger Scripts

The following scripts help create new audit triggers.

Script	Purpose
gutdsur0.sql	Create new general dbprocs for the GURDSUR audit trigger
gutowng0.sql	Create new general dbprocs for the GTVOWNG audit trigger
gutsgrp0.sql	Create new general dbprocs for the GTVSGRP audit trigger

Changed Scripts

Note

Unless otherwise noted, changed scripts are run as part of the upgrade process for a release. ■

gchksecrole.sql

A verification was added to this script to ensure that if the role `BAN_DEFAULT_NO_ACCESS` was defined, no privileges or grants were associated with the role.

This script is not run during the 8.1 upgrade. It can be run as needed to check that security roles conform to recommended standards.

gsssysg.sql

A new grant for `sys.dba_tablespace_groups` enables table space groups to be assigned to users.

This script is not run during the 8.1 upgrade. It can be run as needed as part of the process of creating distributed security users.

New Banner Views

Two new views have been delivered for Banner Security.

GUVOWNR

The GUVOWNR view allows you to review the owners of Banner security objects, classes, roles, security groups, and distributed groups, along with the permissions granted to distributed security groups. Details of this view can be found in the 8.1 *Banner Security Administration Handbook*.

GUVUACC

The GUVUACC view allows you to see which objects a Banner user can access, including directly granted access and access through a class or security group.

As an alternative to the view, the GURUACC table displays exactly the same data. In some situations, the table may provide better performance than the view.

Details of the view and the table can be found in the 8.1 *Banner Security Administration Handbook*.

3 Miscellaneous Enhancements



Supplemental Data Engine

New Process

SDE Inquiry and Delete Process (GUSMDID)

This new process allows you to review and delete orphaned supplemental data records. Supplemental data records can become orphaned when their corresponding “parent” records in base Banner tables are deleted. Although the supplemental data record cannot be viewed after the parent record is deleted it still exists in the Supplemental Data Table. The GUSMDID process gives you an optional way to clean up these orphaned records.

The Supplemental Data Engine (SDE), introduced in Release 8.0, is a way to add new data elements without changing the baseline Banner data model.

Parameter	Description	Values
01 Audit/Update	Choose whether to report only (to view orphaned records) or to actually delete orphaned records.	<p>A (Audit): report only; no data will be changed</p> <p>U (Update): SDE records selected by the process with a parent status of <i>No Parent</i> will be deleted</p>

Parameter	Description	Values
02 Table	The base Banner table(s) for which you want to find orphaned supplemental data records	Enter the short table name. You can use wildcards. For example, enter <i>G%</i> for all General tables.
03 Attribute Name	The SDE attribute for which you want to find orphaned supplemental data records.	Enter the attribute name. You can use wildcards to select multiple attributes. Enter <i>%</i> by itself to select all attributes for the tables selected in parameter 02.

The report output shows, for each record found, the table name, attribute name, primary key, and parent status.

 **Note**

The GUSMDID report does not show the actual values for each supplemental data record. To review the actual data, you can use supplemental data views for each attribute. Code to create these views can be generated in the Generate DDL block of the Supplemental Data Attributes Definition form (GOASDMD) ■

Table DDL Tool Obsoleted

The utility script `gurrddl.sql` is being obsoleted in favor of data definition language (DDL) tools provided by Oracle.

The `gurrddl.sql` script was provided in earlier releases of Banner to export the DDL for tables in Banner's Oracle database. Later, with Oracle 9i, Oracle introduced its Metadata API (supported by the PL/SQL package `DBMS_METADATA`) that performs the same functions.

Under Oracle 10g, `gurrddl.sql` returns Oracle errors in some situations. After Banner General Release 7.2, SunGard Higher Education ended support for `gurrddl.sql` and recommended that customers use Oracle's tools instead. Now, with Release 8.1, `gurrddl.sql` is being obsoleted.

Oracle's Metadata API and `DBMS_METADATA` package provide more extensive functionality than `gurrddl.sql` did, and will remain current with future Oracle updates. For more information, see *Oracle Database Utilities* and *PL/SQL Packages and Types Reference* in Oracle's technical documentation.

Support for Banner Financial Aid Self-Service

In support of the new Banner Financial Aid Self-Service product, the following changes were made in Banner General 8.1:

- In the Address Review and Verification form (GOAADDR), *FINAID* was added as an option in the Role dropdown list.
- In the Survey Definition form (GUASVRY), *FINAID* can now be added in the Roles field.

RPEs

Job Submission

RPE 1-2DGZLW requested changing the default umask value on gjajobs.shl from *000* to umask *017* or umask *027* to make files more secure.

Depending on how your environment is set up, you may wish to change the delivered values set by umask.

If jobsub and the users are in different groups you may need to use umask *000*. If they are in the same group you could use *017*. If all reports are run to the database and server access is not required then you could use *077*.

To change the default permissions assigned to your UNIX files and directories, use the umask command. Its format is `umask nnn` where *nnn* is a three-digit code that defines the new default permissions.

Warning

Although they look similar, the umask string does *not* have the same format as the chmod permission string. ■

Each of the three numbers represents one of three categories: user, group, and other. The value for a category is calculated as follows:

- read (r) permission has a value of 4
- write (w) permission has a value of 2
- execute (x) permission has a value of 1

Sum the permissions you want to set for the category, then subtract that value from 7. As an example, examine the current default umask statement that is used to assign the file protections `-rwx-r-x---` :

```
umask 027
```

The user category value is 0 because $r + w + x = 4 + 2 + 1 = 7$. When this is subtracted from 7, the value is 0.

The group category value is 2 because $r + x = 4 + 1 = 5$. When this is subtracted from 7, the value is 2.

The other category value is 7 because no permissions = 0. When this is subtracted from 7, the value is 7.

For example:

```
umask 000      Set default to allow full access to everyone
touch test.000 Create file test.000 showing the resulting permissions
umask 017
touch test.017
umask 022
touch test.022
umask 027
touch test.027
umask 077
touch test.077 Allows access to only the owner
ls -l test.*   (execute access (x) does not display for non-executables)
-rw-rw-rw-    Jun 12 12:04 test.000
-rw-rw----    Jun 12 12:05 test.017
-rw-r--r--    Jun 12 12:05 test.022
-rw-r-----   Jun 12 12:05 test.027
-rw-----    Jun 12 12:05 test.077
```

It is important to note that files created by the jobsub process are not owned by the same user as the user for whom the process is being run. For example, if SAISUSR submits GLOLETT then `glolett_12345.log` and `glolett_12345.lis` will be owned by the account running jobsub, *not* SAISUSR. If reports are run to the database and viewed by GJIREVO, then this may not be an issue. However, if the reports needs to be accessed on the server then this may be a concern.

To determine which group a user is in, use this command: `id <username>`

For example:

```
id user001
uid=6356(user001) gid=401(banner)
```

Letter Generation

GLBLSEL **CMS-RPE45948**

RPE CMS-RPE45948 indicated a need for more details on the outcome of running the Letter Extract Process (GLBLSEL). In particular, it was difficult to tell how many IDs from a given population selection had been successfully processed by GLBLSEL and how many letters should be expected from subsequently running the Letter Generation Print Report (GLRLETR).

In response to this RPE, the control report for GLBLSEL now includes a count of

- number of IDs processed
- number of letters inserted into the collector table
- number of IDs not processed

Note: In most cases, the number of IDs processed and number of letters inserted will be the same, but there are some situations where there could be more than one letter for a given ID.

Data Dictionary

GURPDED,
GURTABL

1-3RDTOP

After the switch to the UTF8 Unicode character set in Banner 8.0, the Data Element Dictionary Report (GURPDED) gave misleading length numbers for Banner table columns. For example the column SSBSECT_CRSE_TITLE is reported with a length of 120. This is technically correct in the sense that the column uses 120 bytes under UTF8; however, the number of *characters* used by the column (30) is what users of this report expect to see.

With this release, GURPDED has been changed so that it reports the number of characters for each column, not the number of bytes. In addition, the following changes were made:

- *COURTS* and *UTILITIES*, now obsolete, were removed from the header page
- the title page info for owner and date is centered
- `max_length` has been expanded from 4 to 5 positions
- To prevent truncation, table names can be printed with lengths up to 30 characters
- All table comments are printed out, where previously only the first 60 characters were printed
- Oracle 10gR2 introduced the concept of a recycle bin for tables and therefore all BIN% tables have been excluded from the report.

The same changes were made to GURTABL.

Security

GSASECR

CMS-RPE4099

There are certain Oracle system privileges that cannot be assigned to a security role. If a security administrator attempts to assign one of these privileges, an Oracle error message will display.

GSASECR's Role window has been changed to filter the list of privileges so that the privileges that cannot be assigned no longer appear in the list. The following privileges have been removed from the list of privileges:

- UNLIMITED TABLESPACE
- REFERENCES
- INDEX
- SYSDBA
- SYSOPER

GSASECR

1-2BOH8K

While creating a user in GSASECR, you can assign temporary and default tablespace for a user. The tablespace is validated through sys.dba_tablespaces. Since temporary group tablespace is not listed in sys.dba_tablespaces, it could not be used.

In this release, GSASECR has been modified to include group tablespaces in the tablespace LOV. The LOV has also been modified to display the tablespaces that are part of the group, or the group that the tablespace is in. A column has also been added to indicate whether the tablespace is a temporary tablespace or not.

GUAPSWD

CMS-RPE48935

When a user's password change violates the institution's password policies as set in the Institution Profile window of GSASECR, the resulting Oracle error message was cryptic and unnecessarily detailed.

Changes in the GSASECR form in Release 8.0 corrected the problem with the error messages. Additional changes in the GUAPSWD form in Release 8.1 prevent the error condition from arising.

1-1CFVN1

There is no single security class among the security classes delivered with Banner that contains the minimum set of objects that all Banner users could be expected to need regardless of their job responsibilities. The BAN_GENERAL_C class does contain the minimum set of objects, but it also contains many other objects that some user would not need.

As a result, security administrators could easily miss necessary utility forms when trying to set up user permissions.

In the 8.1 *Banner Security Administration Handbook*, a checklist of minimum necessary Banner objects has been included, along with several lists of additional objects that might be considered essential in some situations.

Security administrators can use these lists as a guide when setting up an institution's "basic" Banner security classes.

4 Problem Resolutions



This section lists the problem resolutions included in Release 8.1. For details about a problem resolution, refer to the `general80100resolutions.txt` file that accompanies this release.

Rekey Corrections

Several of the problem resolutions in this release involve technical changes to support the process of translating the Banner system into multiple languages. Banner supports several different language environments, and `G$_NLS` routines are used to translate messages for non-English implementations. A process referred to as *rekey* is used during the translation process. As part of this release, objects have been modified where necessary to correct errors in the translation process. These changes have no impact on English-language implementations of Banner.

Summary of Problem Resolutions

Object	Defect #	Summary
<code>banorep_10_1_2_3.jar</code>	1-3JN5P3	GJAPCTL Hangs with blank screen in OAS 10.1.2.3
GEAATID and GEAATTD	1-3F6N2N	GERATTD_NAME_TAG_NAME and GERATTD_PLACE_CARD_NAME are being stripped or set to null
<code>giamumap1.sql</code>	1-3L5SDF	Running <code>giamumap1.sql</code> will hang the sqlplus prompt waiting for input
<code>giamumap1.sql</code>	1-3L6IKZ	Incorrect API is being called resulting in invalid declarations.
<code>gjarslt.fmb</code>	1-3K60ZC	Rekey-Version 8.0 of form has invalid message
GLAEXTR	1-3C9BBB	GLAEXTR failing when trying to manually enter ID and Names

Object	Defect #	Summary
GLBLSEL.pco	1-3Q07X1	8x version - GLBLSEL 7.5.0.1 will not compile on Fujitsu Cobol after applying p1-3gb94m_gen705
GLOLETT.pco	1-3RSCSZ	GLOLETT 7.5.0.1 incorrectly removes blank spaces from variables
glrletr.pc, sar189u.pc	1-38ZY1P	8.0 BETA compile warning glrletr.pc: passing arg 1 of `TM2UChar' from incompatible pointer type
glrslct.fmb	1-3K60ZY	Rekey-Version 8.0 of form has invalid message
glrvrbl.fmb	1-3K610J	Rekey-Version 8.0 of form has invalid message
goaadrl.fmb	1-3MAKN4	There is no 'FINANCIAL AID' role in GOAADRL.
GOAMTCH, gokcmpk, goqclib	1-39RIWH	Common Matching-GOAMTCH performance-gokcmpk doing a full table scan of spriden
goamtch.fmb	1-3K6114	Rekey-Version 8.0 of form has invalid message
goatpad.fmb	1-3CTAL5	Navigation problem - previous block from Current Third Party ID block and cursor disappears.
goatpad.fmb, gokb_third_party_a1.sql	1-3LPST5	Third Party ID reset button is not functioning
gokb_ident1.sql	1-2BW4N0	Additional performance improvements: Extended Name Searches and gokb_ident1.sql
gokb_third_party_a1.sql	1-3L93LL	Checking checkboxes resets PIN to a random value in 8.0
gokuuid.sql	1-3L5SIE	Running gokuuid.sql results in error SP2-0004: Nothing to append.
goqclib.fmb	CMS-DFCT104342	Error message on attempting to insert a new address record in SPAIDEN
goqrpls.pll	1-2TERBA	When form GUIMAIL is in Query Mode, form item Aid Year LOV is not sorted.
goradrli_080001.sql	1-3Q7EW9	Update the seed data in table GORADRL.
gorcmrl.fmb	1-2YV1BH	Can't access SDE window on gorcmrl
gordmsk.fmb	1-10X7WQ	GORDMSK- Format Mask LOV needs more information and warning is needed

Object	Defect #	Summary
goriccr.fmb	1-3K611P	Rekey-Version 8.0 of form has invalid message
gsaaudt.fmb	1-3K6187	Rekey-Version 8.0 of form has invalid message
gsadsec.fmb	1-3K612A	Rekey-Version 8.0 of form has invalid message
gsasecr.fmb	1-3K617M	Rekey-Version 8.0 of form has invalid message
gsasecr.fmb	1-3PGX35	Screen freezing when accessing 'Dynamic Help Query' on GSASECR
gsasecr.fmb	1-3T2Q3D	GSASECR using F9 (List) leaves the Object Name field blank and results in FRM-40508: ORACLE error
gspauth.sql	1-3J332P	When assigned ban_default_no_access role to Extended query, user can still perform extended query
gspsecr.sql	1-3KWJEG	Rekey-Version 8.0 of file has invalid message type
gtvintp.fmb	1-3K612V	Rekey-Version 8.0 of form has invalid message
gtvrrac.fmb gtvrrac.fmb	1-3K613G	Rekey-Version 8.0 of form has invalid message
GTVSUBJ, aprsubj_080100_01.sql	1-3FK163	GTVSUBJ form allows removal of a code when the code is in use.
guacaln.fmb	1-3EJ2T2	GUACALN Today button and active date arrow navigation
gukcmpr.sql	1-2YT4AP	GOAMTCH match issue with French accents
guqintf.fmb	1-3K6141	Rekey-Version 8.0 of form has invalid message
guqwutl.fmb	1-3F9LHP	Rekey: Remove g\$_NLS.get for several objects
multiple objects -- see Resolution	1-3F9L53	Rekey: Missing G\$_NLS.get in several objects in GEN 741
Online Help	1-3QCCX4	Online Help Information needs to be updated for SPBPERS_SSN.
tmcilib.cpp	1-3RUAG4	Banner 8 Pro*C ICU Makefile_tm compile error on HPUX Itanium with aCC compiler - value of type long
tmcilib.h	1-3NZDFP	tmcilib.h - Missing close comment '*' on line 276 of tmcilib.h delivered with General 8.0

