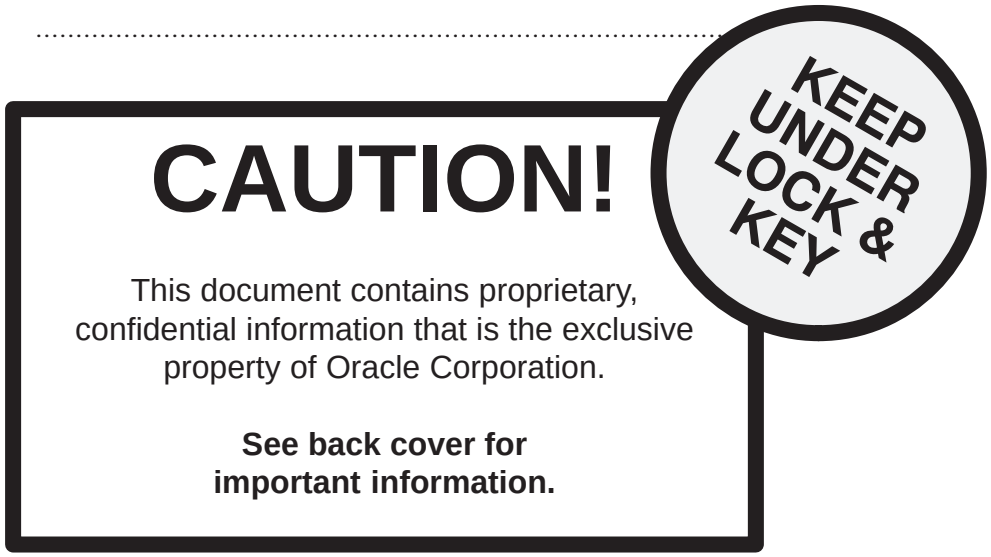
Oracle® Grants Accounting

Technical Reference Manual

Release 11*i*



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Oracle® Grants Accounting Technical Reference Manual

RELEASE 11*i*

August 2000

ORACLE®

Oracle® Grants Accounting Technical Reference Manual
Release 11*i*

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CHAPTER

1 Introduction

This chapter introduces the *Oracle Grants Accounting Technical Reference Manual* and explains how to use it. It includes the following topics:

- overview
- introduction
- about this manual
- finding the latest information
- audience
- how this manual is organized
- how to use this manual
- restrictions
- Oracle Application Object Library
- terminology
- additional documentation
- Oracle services

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- about Oracle
- reader comments

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Overview

The *Oracle Grants Accounting Technical Reference Manual* contains detailed information about the underlying structure of Oracle Grants Accounting. It describes the Oracle Applications Release 11i data model and database objects used by Oracle Grants Accounting. This information is useful for converting existing applications data, integrating existing applications with Oracle Grants Accounting, and writing custom reports for Oracle Grants Accounting.

Introduction

Oracle designs and builds applications using Designer / 2000, a systems design technology that provides a complete environment to support developers through all stages of a system's life cycle. Because Oracle uses a repository–based design toolset, all the information regarding the underlying structure and processing of Oracle applications is available online. Using Designer / 2000, Oracle can present this information in the form of a technical reference manual.

The *Oracle Grants Accounting Technical Reference Manual* contains detailed, up–to–date information about the underlying structure of Oracle Grants Accounting. As Oracle designs and builds new releases of Oracle Grants Accounting applications, the Designer / 2000 repository is updated to reflect enhancements. As a result, Oracle can always provide an *Oracle Grants Accounting Technical Reference Manual* that contains the very latest technical information.

About this Manual

This manual describes the Oracle Applications Release 11i data model, as used by Oracle Grants Accounting. It discusses the database included with a fresh install of Oracle Applications Release 11i. Organizations that have not yet upgraded to Release 11i may have databases that differ from the database documented in this manual.

Organizations that have upgraded from a previous release might find it helpful to use this manual with the appropriate *Oracle Applications Product Update Notes* manual. The product update notes list database changes and seed data changes in Oracle Grants Accounting between releases. The *Oracle Applications Product Update Notes Release 11* manual describes the changes between Release 10.7 and Release 11, and the

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Oracle Applications Product Update Notes Release 11i manual describes the changes between Release 11 and Release 11i.

Finding the Latest Information

The *Oracle Grants Accounting Technical Reference Manual* contains the latest information as of the publication date. For the latest information, readers are encouraged to use Oracle*MetaLink* which is accessible through Oracle's Support Web Center (*http://www.oracle.com/support/elec_sup*).

Audience

The *Oracle Grants Accounting Technical Reference Manual* provides useful guidance and assistance to the following:

- technical end users
- consultants
- systems analysts
- system administrators
- other MIS professionals

This manual assumes a basic understanding of structured analysis and design, and of relational databases. It also assumes familiarity with Oracle Application Object Library and Oracle Grants Accounting. Readers unfamiliar with these products can attend Oracle Education training. For more information on Oracle Education, see the Oracle Services section in this chapter.

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How this Manual is Organized

The information in this manual is organized as follows:

Chapter 1, Introduction

This chapter introduces the *Oracle Grants Accounting Technical Reference Manual* and explains how to use it.

Chapter 2, High–Level Design

This chapter includes the database diagrams and lists each database table and view that Oracle Grants Accounting uses. This chapter also includes a list of modules.

Chapter 3, Detailed Design

This chapter contains a detailed description of the Oracle Grants Accounting database design, including information about each database table and views that might be needed for custom reporting or other data requirements.

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How to Use This Manual

The *Oracle Grants Accounting Technical Reference Manual* is a single, centralized source for information about the underlying structure and processes of Oracle Grants Accounting. For example, this manual provides the information needed to perform the following tasks:

- convert existing application data
- integrate Oracle Grants Accounting with other applications systems
- write custom reports
- define alerts against Oracle Applications tables
- configure Oracle Self–Service Web Applications
- create views for decision support queries
- create business views for Oracle Discoverer

This manual is not designed to be read from cover to cover. The table of contents and index provide quick access to information.

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Restrictions

Do not modify Oracle Applications tables, forms, or reports. Oracle Grants Accounting is designed to support customization without programming and can be integrated with existing applications through interface tables. Interface tables are specialized tables used for transferring data between applications or from an external application.

If program modifications are required, Oracle Support Services can provide a reference to Oracle Consulting Services, the professional consulting organization of Oracle. Their team of experienced applications professionals can make the required modifications while ensuring compatibility with future product releases.

Unless modifications are made by Oracle's consulting organization, Oracle Corporation does not allow modifications to Oracle Applications for the following reasons:

- lack of support
- program interdependencies
- lack of upgrade compatibility

Lack of Support

Do not write data directly into or change data in tables not identified as interface tables using SQL*Plus or other programming tools. Doing so risks corrupting the database and making it difficult to receive support services.

Program Interdependencies

This version of the *Oracle Grants Accounting Technical Reference Manual* does not contain complete information about the dependencies among Oracle Grants Accounting application tables. Therefore, data should be written only into tables identified as interface tables. If data is written into non–interface tables, data integrity may be violated since not all data dependencies in Oracle Grants Accounting can be met.

Organizations are responsible for the support and upgrade of the logic within the procedures that are written, which may be affected by changes between releases of Oracle Applications.

Lack of Upgrade Compatibility

Oracle reserves the right to change the structure of Oracle Grants Accounting application tables and to change the meaning of, add, or delete lookup codes and other data in future releases. Oracle does not guarantee the upward compatibility of the Oracle Grants Accounting application data model. For example, if a report is written that identifies concurrent requests that end in Error status by selecting directly from Oracle Application Object Library tables, Oracle does not guarantee that the report will work properly after an upgrade.

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Oracle Application Object Library

Oracle Application Object Library is a collection of prebuilt application components and facilities for building extensions to Oracle Applications. It contains shared components, such as forms, subroutines, concurrent programs, and tables used to build Oracle Applications.

Attention: Oracle does not support any customization of Oracle Application Object Library tables or modules, not even by Oracle consultants. Therefore, this manual does not contain detailed information about most Oracle Application Object Library tables used by Oracle Grants Accounting.

Terminology

The following list provides definitions for terms that are used throughout this manual:

Entity

An entity is a single thing of significance to the user about which the application keeps information. An entity can be implemented as one or more database tables. Generally, Oracle implements an entity as a single table. Employee and Supplier are examples of entities.

Relationship

A relationship describes any significant way in which two entities or two tables can be associated.

Database Diagram

A database diagram is a graphic representation of application tables and the relationships between them.

Summary Database Diagram

A summary database diagram, if available, shows the most important application tables and the relationships between them. It omits tables and relationships that contribute little to the understanding of the application data model. Typically, a summary database diagram shows tables that contain key reference and transaction data.

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Module

A module is a program or procedure that implements one or more business functions, or parts of a business function, within an application. Modules include forms, concurrent programs, and subroutines.

Application Building Block

An application building block is a set of tables and modules, including forms, reports, and concurrent programs, that implements closely related entities and their associated processing. An application building block is a logical unit of an application.

QuickCodes

QuickCodes allow the user to define general purpose, static lists of values for window fields. With QuickCodes, the user can base program logic on lookup codes while displaying user–friendly names in a list of values window. QuickCodes simplify name and language changes by allowing name changes that the end–users see, while the codes in underlying programs remain the same.

Form

A form is a module comprised of closely related windows that are used together to perform a task. For example, the Award Management form in Oracle Grants Accounting includes the Award Management window, the Billing Format window, and the Letter of Credit Contacts window among others. The Award Management window is the main window, and from it, buttons can be used to navigate to other windows in the form. The form name usually corresponds to the main window in the form and is frequently a window that can be opened directly from the Navigator.

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Additional Documentation

The following sections list documentation relevant to Oracle Grants Accounting.

Oracle Grants Accounting Documentation

Table 1 – 1 lists additional Oracle Grants Accounting documentation.

Oracle Grants Accounting Documentation	
Document	**Description**
Oracle Grants Accounting User's Guide	describes Oracle Grants Accounting features
	describes how to navigate to each feature
	describes windows, reports, and processes
	describes how to set up Oracle Grants Accounting
	describes window features

Table 1 – 1 Oracle Grants Accounting Documentation

Related Oracle Documentation

Table 1 – 2 lists Oracle documentation that is related to Oracle Public Sector Applications.

Related Oracle Documentation	
Document	**Description**
Oracle Public Sector General Ledger User's Guide	describes Oracle Public Sector General Ledger features
	describes how to use Oracle Public Sector General Ledger to perform specific tasks
	describes Oracle Public Sector General Ledger windows, reports, and listings
	describes open interfaces used to import data from legacy or other feeder systems into Oracle Public Sector General Ledger
Oracle General Ledger Applications Technical Reference Manual	describes the underlying structure of Oracle Public Sector General Ledger
Oracle General Ledger Applications Technical Reference Manual Update	describes updates to the underlying structure of Oracle Public Sector General Ledger

Table 1 – 2 Related Oracle Documentation (Page 1 of 4)

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Related Oracle Documentation	
Document	**Description**
Oracle Public Sector Payables User's Guide	describes Oracle Public Sector Payables features and setup
	describes how to use Oracle Public Sector Payables to perform specific tasks
	describes Oracle Public Sector Payables windows, reports, and processes
Oracle Payables Applications Technical Reference Manual	describes the underlying structure of Oracle Public Sector Payables
Oracle Payables Applications Technical Reference Manual Update	describes updates to the underlying structure of Oracle Public Sector Payables
Oracle Projects User's Guide	describes Oracle Projects features and setup
	describes how to use Oracle Projects to perform specific tasks
	describes Oracle Projects windows, reports, and processes
Oracle Projects Applications Technical Reference Manual	describes the underlying structure of Oracle Projects
Oracle Projects Applications Technical Reference Manual Update	describes updates to the underlying structure of Oracle Projects
Oracle Public Sector Purchasing User's Guide	describes Oracle Public Sector Purchasing features and setup
	describes how to use Oracle Public Sector Purchasing to perform specific tasks
	describes Oracle Public Sector Purchasing windows, reports, and processes
Oracle Purchasing Applications Technical Reference Manual	describes the underlying structure of Oracle Public Sector Purchasing
Oracle Purchasing Applications Technical Reference Manual Update	describes updates to the underlying structure of Oracle Public Sector Purchasing

Table 1 – 2 Related Oracle Documentation (Page 2 of 4)

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Related Oracle Documentation	
Document	**Description**
Oracle Public Sector Receivables User's Guide	describes Oracle Public Sector Receivables features and setup
	describes how to use Oracle Public Sector Receivables to perform specific tasks
	describes Oracle Public Sector Receivables windows, reports, and processes
Oracle Receivables Applications Technical Reference Manual	describes the underlying structure of Oracle Public Sector Receivables
Oracle Receivables Applications Technical Reference Manual Update	describes updates to the underlying structure of Oracle Public Sector Receivables
Oracle Assets User's Guide	describes Oracle Assets features and setup
	describes how to use Oracle Assets to perform specific tasks
	describes Oracle Assets windows, reports, and processes
Oracle Assets Applications Technical Reference Manual	describes the underlying structure of Oracle Assets
Oracle Assets Applications Technical Reference Manual Update	describes updates to the underlying structure of Oracle Assets
Oracle Workflow Guide	describes how to define new workflow business processes, as well as customize existing Oracle Applications–embedded workflow processes
	describes the complete setup steps necessary for any Oracle Applications product that includes workflow–enabled processes
Multiple Reporting Currencies in Oracle Applications	describes setup considerations for implementing Oracle Grants Accounting with the ability to report and maintain accounting records in more than one currency

Table 1 – 2 Related Oracle Documentation (Page 3 of 4)

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Related Oracle Documentation	
Document	**Description**
Oracle Applications User's Guide	describes how to navigate through Oracle Applications windows and how to submit Oracle Applications programs, reports, and listings
Oracle e–Commerce Gateway User's Guide	describes setup, functions and features, windows, reports, and processes

Table 1 – 2 Related Oracle Documentation (Page 4 of 4)

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Oracle Applications Documentation

Table 1 – 3 lists documentation that provides information on Oracle Applications.

Oracle Applications Documentation	
Document	**Description**
Oracle Application Object Library Reference Manual	describes how to use Oracle Application Object Library to build applications that look and act like Oracle Applications products
	describes all Oracle Application Object Library features, such as QuickPick, Flexfields, and concurrent processing
Oracle Applications Flexfields Guide	describes Flexfields, their planning and setup for implementation teams and users responsible for ongoing data maintenance
	describes how to create custom reports on Flexfields data
Oracle Applications Installation Manuals	describes how to install Oracle Applications in specific hardware and operating system software environments
Oracle Applications Message Reference Manual	describes numbered error messages in Oracle Applications
	describes actions to take if a message is received
Oracle Applications System Administrator's Guide	describes planning and reference information for system administrators as well as providing information on how to define security, customize menus, and manage concurrent processing
Oracle Applications Upgrade Preparation Manual for UNIX	describes how to prepare Oracle Applications products for an upgrade
	describes the upgrade procedure for each product
Multiple Organizations in Oracle Applications	describes the Oracle Applications organization model, which defines business units and the relationships between them in a complex enterprise
	describes functional and technical aspects of multiple organizations
	describes how to set up and implement this feature set in relevant Oracle Applications products
Oracle Designer Online Documentation	describes how to use Oracle Designer for development needs

Table 1 – 3 Oracle Applications Documentation (Page 1 of 2)

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Oracle Applications Documentation	
Document	**Description**
Oracle Applications Developer's Guide	describes the coding standards followed by Oracle Applications development staff
	describes Oracle Application Object Library components needed to implement the Oracle Applications user interface described in *Oracle Applications User Interface Standards*
	describes information to help build custom Developer forms so they integrate with Oracle Applications
Oracle Applications User Interface Standards	describes the user interface standards followed by the Oracle Applications development staff
	describes the user interface for the Oracle Applications products and how to apply this user interface to the design of an application built using Oracle Forms 6
Oracle Self–Service Web Applications Online Documentation	describes how Oracle Self–Service Web Applications enable companies to provide a self–service and secure Web interface for employees, customers, and suppliers
Oracle Alert User Guide	describes how to define periodic and event alerts to monitor the status of Oracle Applications data
Oracle Self–Service Web Applications Implementation Manual	describes the setup steps for Oracle Self–Service Web Applications and the Web Applications Dictionary

Table 1 – 3 Oracle Applications Documentation (Page 2 of 2)

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Oracle Services

Oracle offers its products, along with related consulting, education, and support services, in most countries around the world.

Education

Oracle offers a complete set of formal training courses to help customers understand and quickly reach full productivity with Oracle Grants Accounting. These courses are organized into functional learning paths, so students take only those courses appropriate to their job.

Oracle provides a choice of education environments. Courses are offered at Oracle Education Centers, or Oracle trainers can come to teach at a customer's facility. Oracle consultants can also tailor standard courses or prepare custom courses to meet specific needs. For example, a customer's organization structure, codes, and data can provide the examples used in customized training.

Oracle Support Services

From onsite support to central support, Oracle's team of experienced professionals continually provides customers with whatever help and information they need to keep Oracle Grants Accounting working. This team includes a technical representative, account manager, and Oracle's large staff of consultants and support specialists with expertise in accounting, Oracle database management, and particular hardware and software environments.

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About Oracle

Oracle Corporation develops and markets an integrated line of software products for database management, applications development, decision support, and office automation, as well as Oracle Applications, an integrated suite of software modules for financial management, supply chain management, manufacturing, project systems, human resources, and sales and service management.

Oracle products are available for mainframes, minicomputers, personal computers, network computers**,** and personal digital assistants, allowing organizations to integrate different computers, different operating systems, different networks, and even different database management systems, into a single, unified computing and information resource.

Oracle is the world's leading supplier of software for information management and the world's second largest software company. Oracle offers its database, tools, and applications products, along with related consulting, education, and support services, in over 145 countries around the world.

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CHAPTER

2 High–Level Design

This chapter presents the high–level design for Oracle Grants Accounting defined during the strategy and analysis phase of development to satisfy specific business needs. It includes the following topics:

- overview
- database diagramming conventions
- database diagrams
- public table list
- forms and table view list
- internal view list
- single organization view list
- multiple reporting currencies view list
- module list

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Overview

During high–level design, the application components, which consist of tables, views, and modules needed to build the application, are defined. What each application component should do is specified, without specifying the details of how it should be done.

This chapter provides rapid acquaintance with the tables and views that comprise Oracle Grants Accounting. It provides the basis for understanding the detailed design and implementation of Oracle Grants Accounting presented in Chapter 3, Detailed Design.

The following sections are described:

- database diagrams
- table lists
- view lists
- module list

The following introductory information is also provided:

- methodology
- database diagram conventions

Review the Summary Database Diagram section to see at a glance the major tables and relationships on which Oracle Grants Accounting depends.

Database Diagrams

The Database Diagrams section graphically represents all Oracle Grants Accounting tables and the relationships among them, organized by building block.

Table Lists

The Table List sections list the Oracle Grants Accounting tables.

Note: Because a product might not include at least one table for each type, this Technical Reference Manual might not include each of the following sections:

- public tables
- internal tables

Public Tables

Use the Public Table List section to quickly identify tables.

Internal Tables

This section includes a list of private, internal tables used by Oracle Grants Accounting; Oracle does not provide additional documentation for these tables.

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View Lists

The View List sections list the Oracle Grants Accounting views, with one section for each type of view.

Note: Because a product might not include at least one view for each type, this Technical Reference Manual might not include each of the following sections:

- public views
- web views
- forms and table views
- internal views
- single–organization views
- multiple reporting currency views
- multilingual views

Public Views

This section lists views that may be useful for custom reporting or other data requirements. The list includes a description of the view and the page in Chapter 3, Detailed Design that gives detailed information about the public view.

Web Views

This section lists views that may be needed to configure Self–Service Web applications. The list includes a description of the view and the page in Chapter 3, Detailed Design that gives detailed information about the web view.

Forms and Table Views

This section lists supplementary views that are not essential to the Release 11i data model, but simplify coding or improve performance for Oracle Developer.

Internal Views

This section includes each private, internal view that Oracle Grants Accounting uses.

Single–Organization Views

This section lists the Oracle Grants Accounting views that were added to take the place of various tables that are now partitioned by operating unit, to support multiple sets of books within a single installation of Oracle Grants Accounting.

Multiple Reporting Currency Views

This list includes views that were created to support the Multiple Reporting Currencies feature.

MultiLingual Views

This section lists views that were created to allow certain seed data to be available in multiple national languages simultaneously.

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Module List

The Module List section briefly describes each of the Oracle Grants Accounting modules. This section lists forms, reports, and concurrent programs.

Form

A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle Public Sector General Ledger includes the Enter Journals window, the Batch window, and the More Actions window. The Enter Journals window is the main window, and buttons can be used to navigate to other windows in the form. The form name usually corresponds to the main window in the form and is frequently a window that can be opened directly from the Navigator.

Reports and Concurrent Programs

The Reports and Concurrent Programs lists include processes that can be submitted from the Submit Requests window or other windows, as well as processes that are submitted automatically by Oracle Grants Accounting. Refer to the user's guide to learn more about reports and concurrent processes.

Methodology

Use the database diagrams to learn what tables each Oracle Grants Accounting building block uses and how those tables interrelate. Then refer to the Table and View Definitions section of Chapter 3, Detailed Design, for detailed information about each of those tables.

Use the Table Lists to identify the tables of greatest interest. Then refer to the Table and View Definitions section of Chapter 3, Detailed Design, for detailed information about those tables.

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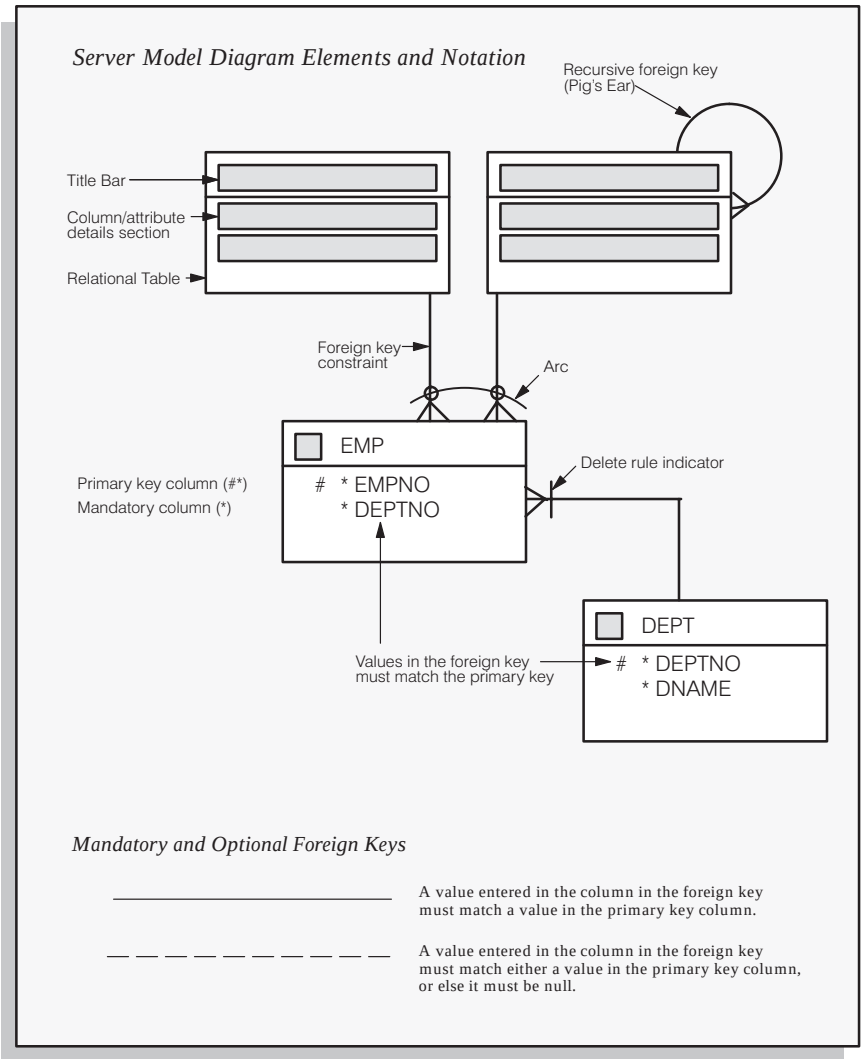
Database Diagramming Conventions

The following notational conventions are used in database diagrams:

Figure 2 – 1
Database Diagramming Conventions



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Tables

Tables are the basic unit of storage in the database. A hand symbol preceding the title in the table's title bar indicates that the table is not owned by this application, but shared with another.

Foreign Key Constraint

A foreign key constraint is a type of referential integrity constraint for checking the integrity of data entered in a specific column or set of columns. This specified column or set of columns is known as the foreign key.

Delete Rule Indicator

The delete rule indicator determines the action to be taken when an attempt is made to delete a related row in a join table. A line through the foreign key constraint, as shown on the preceding diagram, indicates that this action is restricted.

Arcs

Arcs specify that, for any given row in a table, a value must be entered in one of the arc columns. The remaining columns within the arc must be null.

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Database Diagrams

This section graphically represents most of the significant Oracle Grants Accounting applications tables and the relationships between them, organized by building block. Use this section to quickly learn what tables each Oracle Grants Accounting building block uses, and how these tables interrelate. Refer to the Table and View Definitions sections of Chapter 3 for more detailed information about each of those tables.

This section contains a database diagram for each of the following Oracle Grants Accounting building blocks:

- Diagram 1: Awards
- Diagram 2: Balances
- Diagram 3: Budgetary Controls
- Diagram 4: Multi–Funding
- Diagram 5: Transaction Distributions

Some tables, especially important reference tables, appear in more than one database diagram. When several building blocks use a table, that table is shown in each appropriate database diagram.

Awards

Diagram 1 shows the tables and relationships associated with entering and maintaining awards, installments, and project funding information in Oracle Grants Accounting. Related functions include maintaining key members, contact persons, award terms and conditions, billing formats, award purpose codes, and standard reports associated with an award.

Balances

Diagram 2 shows the tables and relationships associated with maintaining award budget balances available for transactions used for funds checking.

Budgetary Controls

Diagram 3 shows the tables and relationships associated with budgetary controls for project and award budgets, which can be set up in Oracle Grants Accounting.

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Multi–Funding

Diagram 4 shows the tables and relationships associated with the multi–funding feature in Oracle Grants Accounting. This includes tables and relationships required for cost allowability and indirect cost limits. Related functions include maintaining revenue and invoice details associated with an award as well as summary project funding for projects funded by multiple awards.

Transaction Distributions

Diagram 5 shows the tables and relationships associated with transaction mapping from project accounting, Purchasing, Payables, or manual encumbrances in Oracle Grants Accounting.

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Diagram 1: Awards

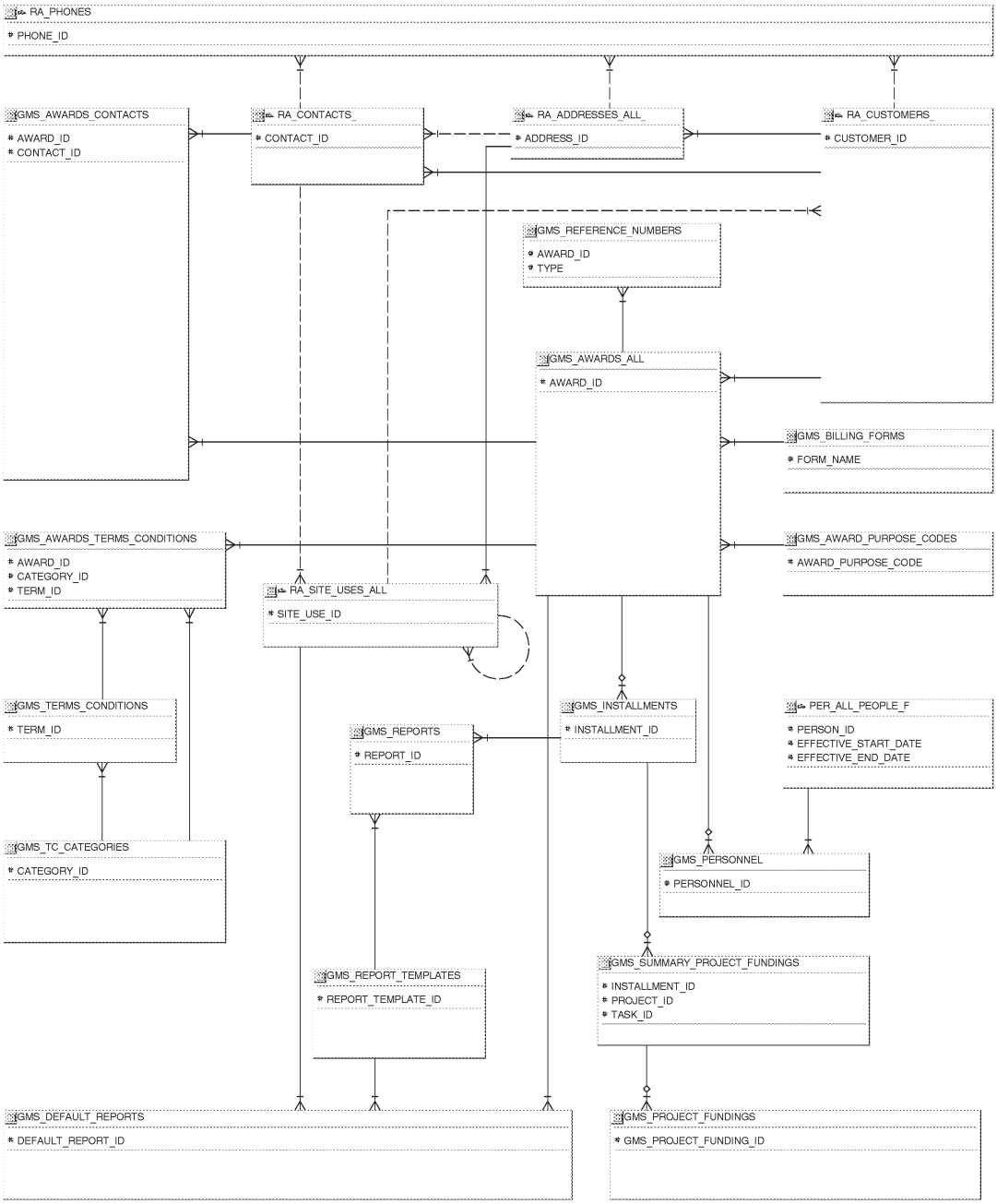

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Diagram 2: Balances

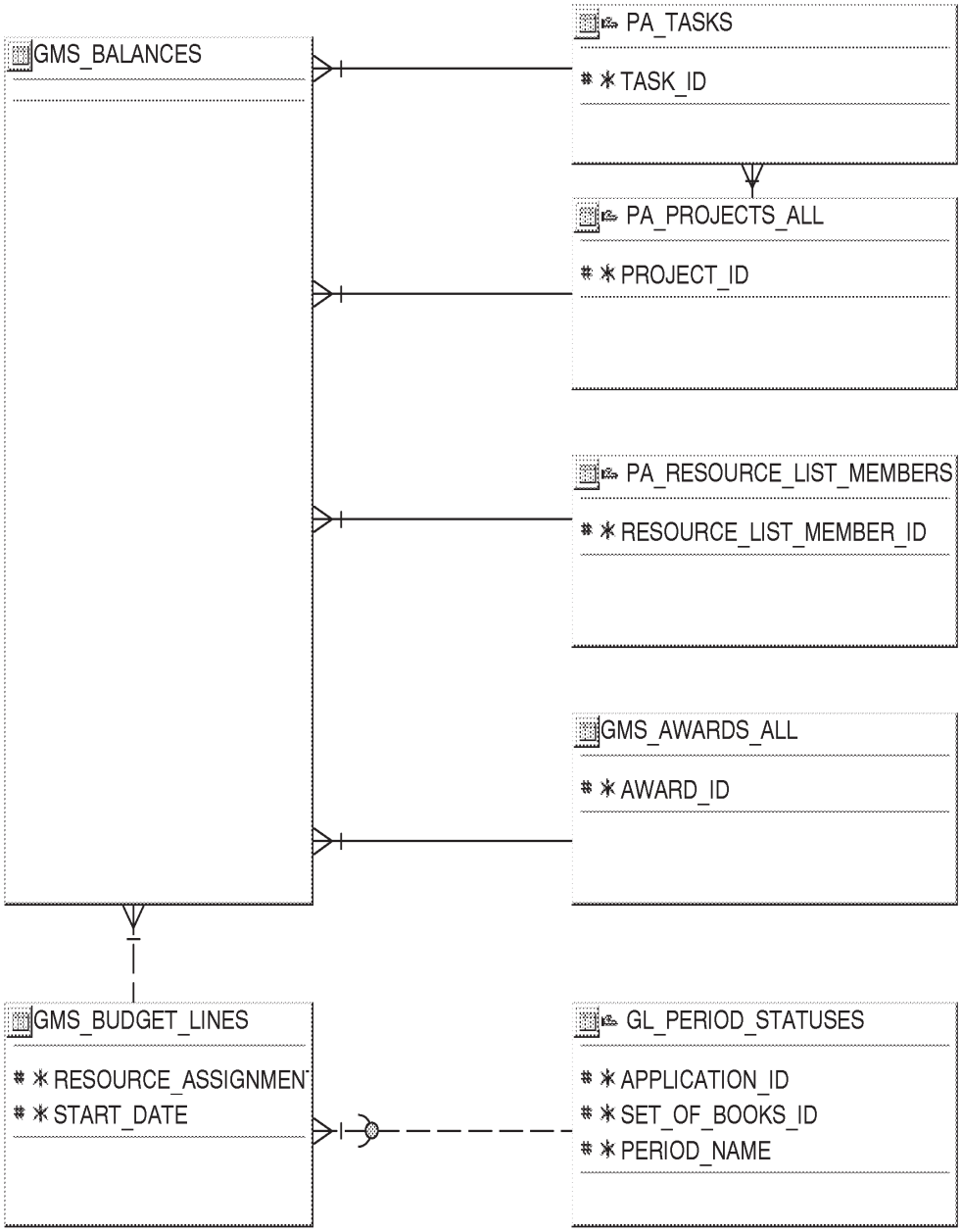

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Diagram 3: Budgetary Controls

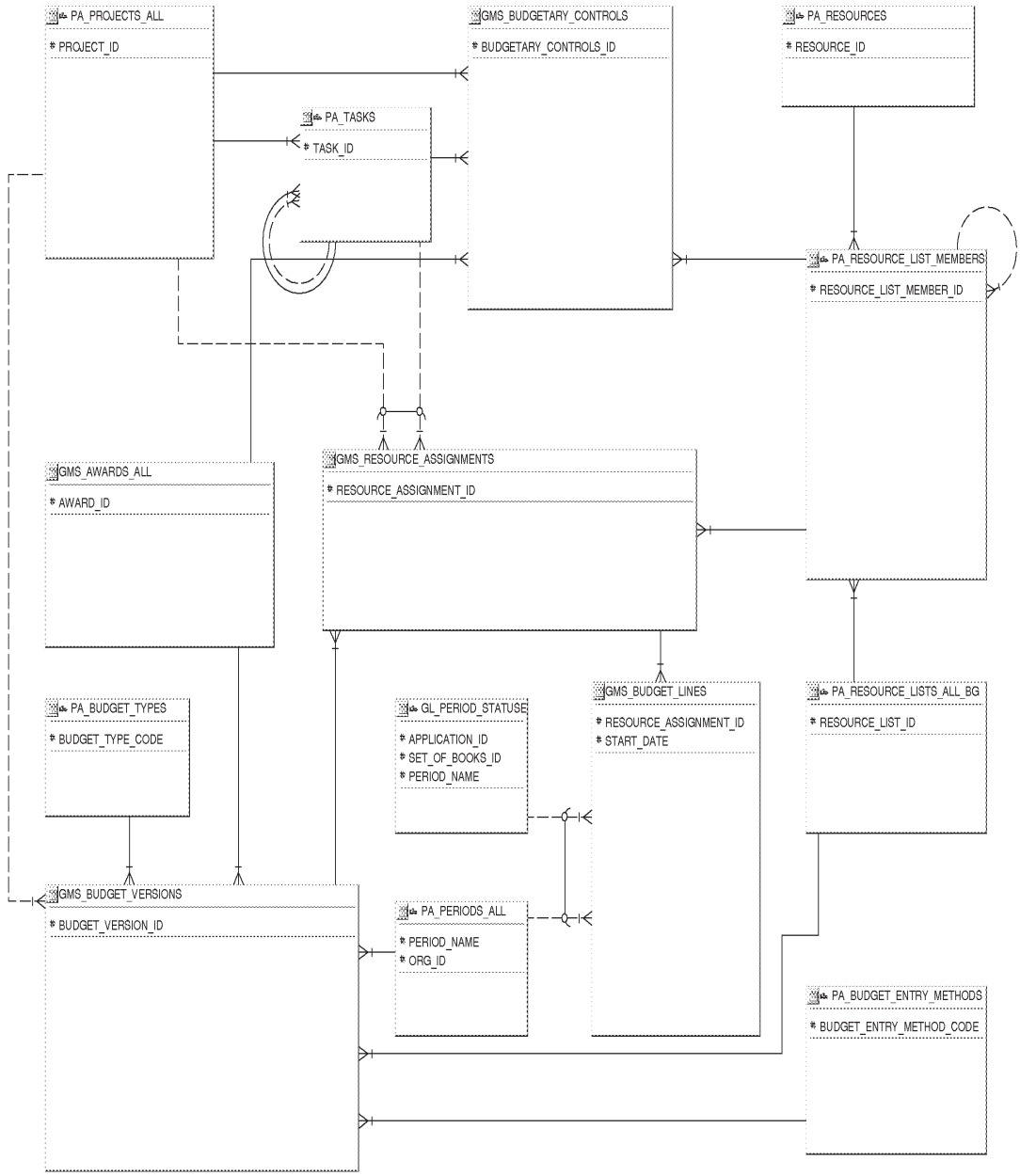

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Diagram 4: Multi–Funding

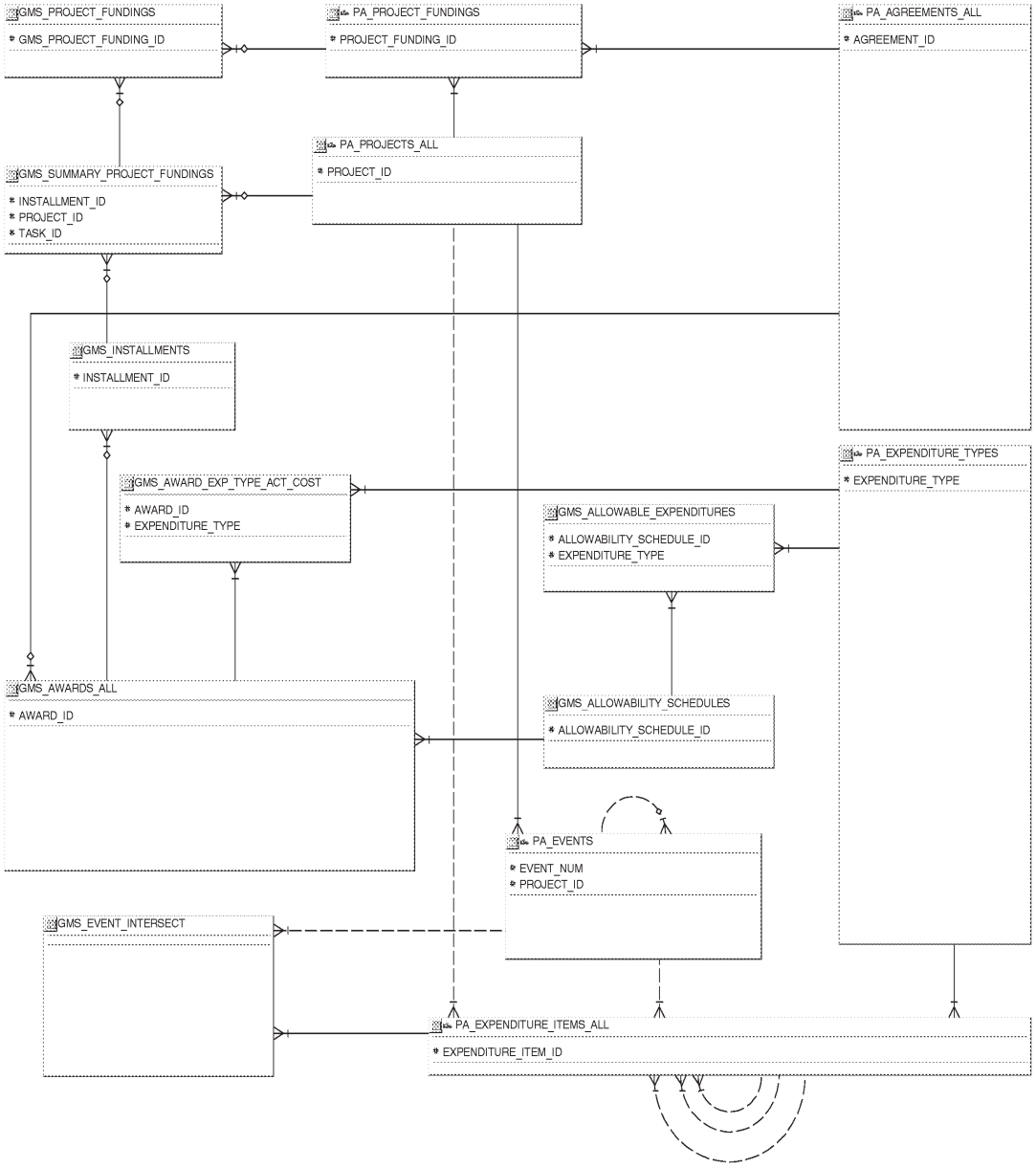

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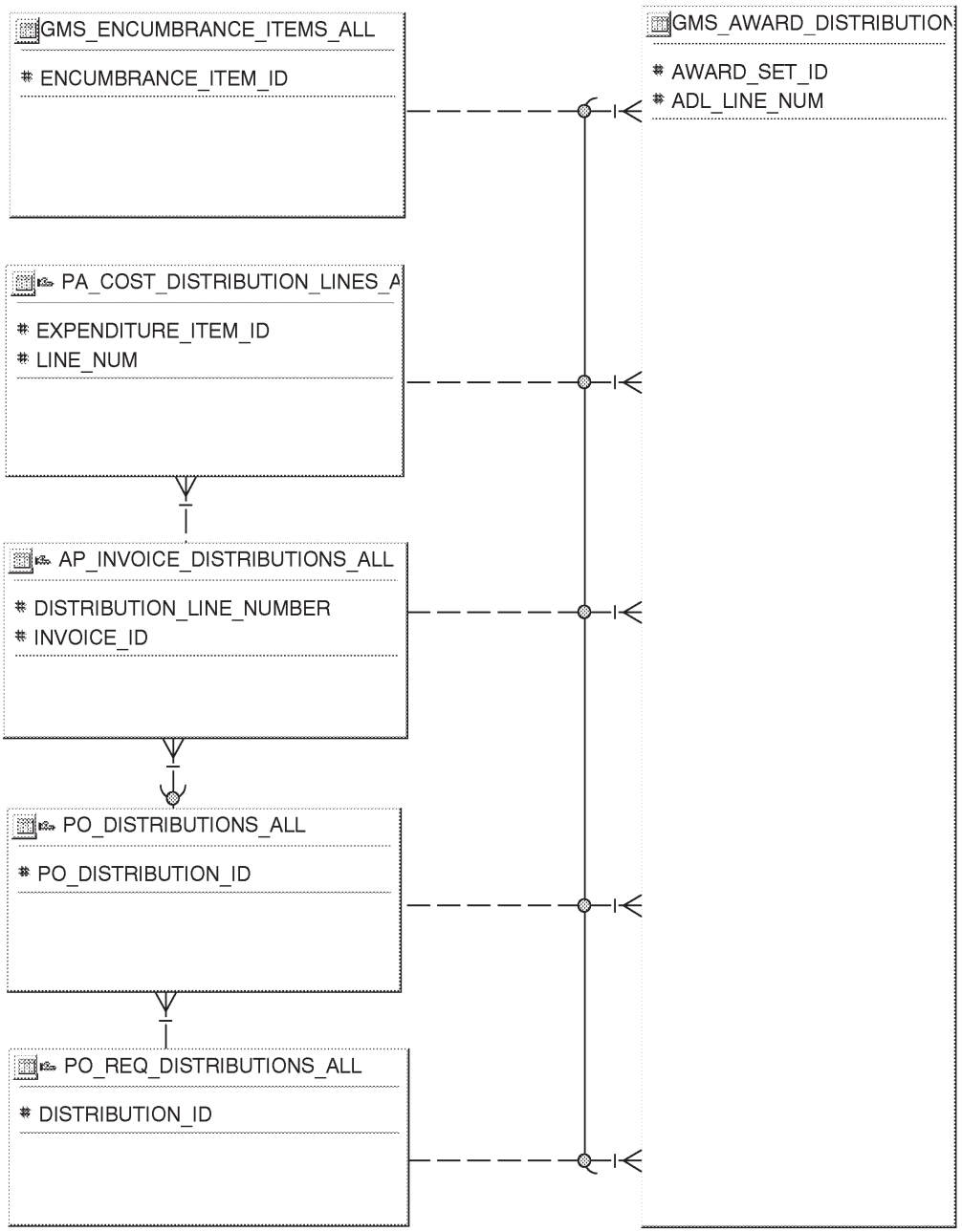
Diagram 5: Transaction Distributions



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Public Table List

This section lists each public database table that Oracle Grants Accounting uses and provides a brief description of each of those tables. The page reference is to the table description in Chapter 3.

Note that public tables are not necessarily intended for write access by custom code; Oracle Corporation supports write access using only standard Oracle Applications forms, reports, and programs, or any SQL write access to tables explicitly documented as API tables.

For information, see Restrictions, Chapter 1.

Oracle Grants Accounting uses public tables for the following products:

- Oracle Applications System Administration
- Oracle Public Sector General Ledger
- Oracle Grants Accounting
- Oracle Projects
- Oracle Human Resources Management Systems
- Oracle Public Sector Purchasing

Oracle Applications System Administration

Oracle Grants Accounting uses the following Oracle Applications System Administration tables. Refer to the *Oracle Applications System Administration Technical Reference Manual*.

Table Name	Description
FND_USER	Application users (No table description)

Oracle Public Sector General Ledger

Oracle Grants Accounting uses the following Oracle Public Sector General Ledger tables. Refer to the *Oracle General Ledger Technical Reference Manual*.

Table Name	Description
GL_BALANCES	Account balances for both detail and summary accounts (No table description)
GL_BC_PACKETS	Budgetary control queue table (No table description)
GL_BC_PACKET_ARRIVAL_ORDER	Budgetary control packet processing sequence (No table description)
GL_CODE_COMBINATIONS	Account combinations (No table description)

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GL_INTERFACE	Import journal entry batches (No table description)
GL_JE_CATEGORIES_TL	Journal entry categories (No table description)
GL_JE_SOURCES_TL	Journal entry sources (No table description)
GL_PERIODS	Calendar period definitions (No table description)
GL_PERIOD_STATUSES	Calendar period statuses (No table description)
GL_SETS_OF_BOOKS	Set of books definitions (No table description)

Oracle Grants Accounting

Oracle Grants Accounting uses the following tables. See Chapter 3, Detailed Design for descriptions.

Table Name	Description
GMS_269_HISTORY	Financial status report for an award (See page 3 – 6)
GMS_270_HISTORY	Financial status report for an award (See page 3 – 9)
GMS_272_HISTORY	Federal cash transaction report (See page 3 – 11)
GMS_ALLOWABILITY_SCHEDULES	Cost allowability schedules (See page 3 – 13)
GMS_ALLOWABLE_EXPENDITURES	Allowable expenditures of cost allowability schedule (See page 3 – 14)
GMS_AWARDS_ALL	Information about awards (See page 3 – 15)
GMS_AWARDS_CONTACTS	Contacts of award (See page 3 – 19)
GMS_AWARDS_TERMS_CONDITIONS	Terms and conditions of award (See page 3 – 20)
GMS_AWARD_DISTRIBUTIONS	Distribution lines for requisition, purchase orders, invoices, encumbrances, and project expenditures charged to awards. (See page 3 – 21)
GMS_AWARD_EXP_TYPE_ACT_COST	Actual expense incurred for an award by expenditure type (See page 3 – 24)
GMS_AWARD_PURPOSE_CODES	Purpose codes of award (See page 3 – 26)
GMS_BALANCES	Balance of budgets, actual costs, and encumbrance costs (See page 3 – 27)
GMS_BC_PACKETS	Budgetary control packets for funds checking (See page 3 – 29)
GMS_BILLING_CANCELLATIONS	Journal of deleted billing event distributions for deleted, cancelled revenue, or invoices (See page 3 – 34)

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GMS_BILLING_FORMS	Implementation–defined billing forms (See page 3 – 35)
GMS_BUDGETARY_CONTROLS	Budgetary control level for awards, tasks, resource groups, and resources (See page 3 – 37)
GMS_BUDGET_LINES	Detail lines of project and task budgets (See page 3 – 38)
GMS_BUDGET_VERSIONS	Versions of award budgets (See page 3 – 40)
GMS_BURDEN_ADJUSTMENTS_LOG	Journal of burdenable raw cost adjustments (See page 3 – 43)
GMS_BURDEN_COMPONENTS	Burden components of billing events (See page 3 – 44)
GMS_CONCURRENCY_CONTROL	Control table for concurrency control of transactions in Grants Accounting concurrent processes (See page 3 – 46)
GMS_DEFAULT_REPORTS	Default reports of award (See page 3 – 47)
GMS_ENCUMBRANCES_ALL	Groups of encumbrance items incurred by employees or organizations in an encumbrance batch (See page 3 – 49)
GMS_ENCUMBRANCE_GROUPS_ALL	Groups of pre–approved encumbrances (See page 3 – 52)
GMS_ENCUMBRANCE_ITEMS_ALL	Manual encumbrance charged to sponsored projects (See page 3 – 54)
GMS_EVENT_ATTRIBUTE	Additional information on billing events for mapping billing event information maintained in PA_EVENTS table (See page 3 – 58)
GMS_EVENT_INTERSECT	Relationship between expenditure items and events (See page 3 – 60)
GMS_FP_DISTRIBUTIONS	Stores the funding pattern distribution details for a defined funding pattern (See page 3 – 62)
GMS_FUNDING_PATTERNS_ALL	Rule definition for charging transactions of a sponsored project to funding awards (See page 3 – 63)
GMS_IMPLEMENTATIONS_ALL	Implementation options for award numbering method setup (See page 3 – 64)
GMS_IND_COST_CODES	Additional information related to indirect cost codes maintained in PA_IND_COST_CODES (See page 3 – 65)
GMS_INSTALLMENTS	Information about installments (See page 3 – 66)

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GMS_NOTIFICATIONS	Record of notifications sent to users about award events (See page 3 – 68)
GMS_PACKET_ARRIVAL_ORDER	Sequence in which the packets arrived for funds checking (See page 3 – 69)
GMS_PERSONNEL	Personnel of award (See page 3 – 70)
GMS_PROJECT_FUNDINGS	Incremental amounts of allocated funds from installments to project and tasks (See page 3 – 71)
GMS_PROJECT_TYPES	Additional information on project types maintained in PA_PROJECT_TYPES. (See page 3 – 72)
GMS_REFERENCE_NUMBERS	Reference numbers of award (See page 3 – 73)
GMS_REPORTS	Reports of installment (See page 3 – 74)
GMS_REPORT_TEMPLATES	Implementation–defined report templates (See page 3 – 76)
GMS_RESOURCE_ASSIGNMENTS	Resource assignments for a budget version at a branch of project's work breakdown (See page 3 – 78)
GMS_SUMMARY_PROJECT_FUNDINGS	Summary funding amounts allocated from installment to project and tasks (See page 3 – 79)
GMS_TC_CATEGORIES	Implementation–defined terms and conditions categories (See page 3 – 80)
GMS_TERMS_CONDITIONS	Implementation–defined terms and conditions (See page 3 – 81)
GMS_TRANSACTION_INTERFACE_ALL	Extension to PA_TRANSACTION_INTERFACE_ALL to maintain additional information (See page 3 – 82)
GMS_UNIQUE_IDENTIFIER_CONTROL	Next award number. For automatic award numbering. (See page 3 – 84)
GMS_WF_PROCESSES	Versions of award and budget workflows. There can be many workflows for an award or budget. (See page 3 – 85)

Oracle Projects

Oracle Grants Accounting uses the following Oracle Projects tables. Refer to the *Oracle Projects Technical Reference Manual*.

Table Name	Description
PA_AGREEMENTS_ALL	Customer contracts that serve as the basis for work authorization (No table description)

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PA_BATCH_SOURCES	System–defined sources of expense report expenditure batches (No table description)
PA_BILLING_ASSIGNMENTS_ALL	Assignments of billing extensions to a project type, project, or task (No table description)
PA_BILLING_CYCLES	System–defined and implementation–defined billing cycle definitions (No table description)
PA_BILLING_EXTENSIONS	Implementation–defined billing extension definitions (No table description)
PA_BILLING_MESSAGES	Messages issued by billing extensions to assist in debugging (No table description)
PA_BILL_RATES_ALL	Information about bill rates and markups of standard bill rate schedules (No table description)
PA_BUDGET_ENTRY_METHODS	Implementation–defined methods for entering budgets (No table description)
PA_BUDGET_LINES	Detail lines of project and task budgets (No table description)
PA_BUDGET_TYPES	Implementation–defined classifications of types of budgets used for different business purposes (No table description)
PA_BUDGET_VERSIONS	Versions of project budgets (No table description)
PA_CC_DIST_LINES_ALL	Information about the accounting distributions related to transfer price for cross charged expenditure items. (No table description)
PA_CC_ORG_RELATIONSHIPS	Information about relationship between operating units and the attributes that specify cross charge control and processing. (No table description)
PA_CC_TP_RULES_BG	Rules that define how transfer price is calculated, which include such attributes as calculation method, base amount, schedule or markup, and final percentage. (No table description)
PA_CC_TP_SCHEDULES_BG	Transfer price schedules which define how transfer price is calculated between the provider and receiver organizations for cross charged labor and non–labor transactions. (No table description)

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PA_CC_TP_SCHEDULE_LINES	Transfer price schedule lines which make up a transfer price schedule. (No table description)
PA_CC_TP_SCHEDULE_LINE_LKP	Denormalized data defined for faster processing in finding the transfer price rule between organizations within a transfer price schedule. (No table description)
PA_COST_DISTRIBUTION_LINES_ALL	Information about expenditure item cost distribution (No table description)
PA_COST_DIST_OVERRIDES	Configurations used to override the expenditure organization used by AutoAccounting for projects (No table description)
PA_CUST_EVENT_RDL_ALL	Information about event revenue distribution (No table description)
PA_CUST_REV_DIST_LINES_ALL	Information about expenditure item revenue distribution (No table description)
PA_DISTRIBUTION_RULES	System–defined pairings of revenue accrual and invoicing methods that can be used for projects (No table description)
PA_DISTRIBUTION_WARNINGS	Warning messages about exceptions encountered during draft revenue generation and draft invoice generation (No table description)
PA_DRAFT_INVOICES_ALL	Information about draft invoices generated for projects (No table description)
PA_DRAFT_INVOICE_DETAILS_ALL	Intercompany invoice details for cross charged transactions (No table description)
PA_DRAFT_INVOICE_ITEMS	Draft invoice lines (No table description)
PA_DRAFT_REVENUES_ALL	Information about draft revenue generated for projects (No table description)
PA_DRAFT_REVENUE_ITEMS	Draft revenue lines (No table description)
PA_EMP_BILL_RATE_OVERRIDES	Non–standard employee bill rates negotiated for specific projects and tasks (No table description)
PA_EVENTS	Entries assigned to tasks that generate revenue and / or billing but are not directly related to expenditure items (No table description)

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PA_EXPENDITURES_ALL	Groups of expenditure items incurred by employees or organizations for an expenditure period (No table description)
PA_EXPENDITURE_BATCHES_ALL	Groups of expense reports that are processed during the same run of the Distribute Expense Reports program (No table description)
PA_EXPENDITURE_CATEGORIES	Implementation–defined groupings of expenditure types by type of cost (No table description)
PA_EXPENDITURE_COMMENTS	Free text entered for expenditure items to explain or further describe work performed (No table description)
PA_EXPENDITURE_GROUPS_ALL	Groups of pre–approved expenditures (No table description)
PA_EXPENDITURE_ITEMS_ALL	Smallest units of expenditure charged to projects and tasks (No table description)
PA_EXPENDITURE_TYPES	Implementation–defined classifications of expenditures charged to projects and tasks (No table description)
PA_EXPEND_ITEM_ADJ_ACTIVITIES	Information about cost and / or revenue adjustments made to expenditure items through the Oracle Projects forms (No table description)
PA_FUNCTION_TRANSACTIONS_ALL	System–defined operations within AutoAccounting functions (No table description)
PA_IMPLEMENTATIONS_ALL	Information about the configuration of an Oracle Projects installation (No table description)
PA_IND_RATE_SCHEDULES_ALL_BG	Implementation–defined burden schedules (No table description)
PA_INVOICE_FORMATS	Implementation–defined configurations of columns, text, and layout of invoice lines (No table description)
PA_INVOICE_FORMAT_DETAILS	Implementation–defined details of the invoice format configurations (No table description)
PA_INVOICE_GROUPS	System–defined configurations of invoice line groupings (No table description)
PA_INVOICE_GROUP_COLUMNS	System–defined columns associated with invoice groups (No table description)

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PA_INVOICE_GROUP_TABLES	System–defined tables used to derive invoice group columns (No table description)
PA_INV_GRP_COL_WHR_CLAUSES	System–defined invoice group WHERE clauses assigned to invoice group columns (No table description)
PA_INV_GRP_WHR_CLAUSES	System–defined WHERE clauses used to derive invoice group column values (No table description)
PA_LABOR_COST_MULTIPLIERS	Multipliers used to determine premium hourly cost rates for labor overtime expenditure items (No table description)
PA_MC_DRAFT_INV_DETAILS_ALL	Information about invoice details for cross charged transactions in each reporting set of books (No table description)
PA_MC_DRAFT_INV_ITEMS	Draft invoice line information in each reporting currency (No table description)
PA_MC_DRAFT_REVS_ALL	The draft revenues generated for a project in each reporting currency (No table description)
PA_MC_EVENTS	Event information in each reporting currency (No table description)
PA_NON_LABOR_RESOURCES	Non–labor assets utilized during project work (No table description)
PA_NON_LABOR_RESOURCE_ORGS	Assignments of non–labor resources to organizations (No table description)
PA_PERIODS_ALL	Implementation–defined periods against which project performance is measured (No table description)
PA_PROJECTS_ALL	Information about projects (No table description)
PA_PROJECT_FUNDINGS	Incremental amounts of allocated funds from agreements to projects and tasks (No table description)
PA_RESOURCES	Resources used in budgeting and project summary amounts (No table description)
PA_RESOURCE_ASSIGNMENTS	Resource assignments for a budget version at a branch of project's work breakdown (No table description)
PA_RESOURCE_LISTS_ALL_BG	Implementation–defined lists of resources for budgeting and project summary amounts (No table description)

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PA_RESOURCE_LIST_MEMBERS	Resources within a resource list (No table description)
PA_SYSTEM_LINKAGES	System–defined categories that classify expenditure types and determine how expenditure items of each type are processed (No table description)
PA_TASKS	User–defined subdivisions of project work (No table description)
PA_TRANSACTION_INTERFACE_ALL	Interface table to import transactions from external sources into Oracle Projects (No table description)
PA_TRANSACTION_SOURCES	Implementation–defined sources of imported transactions originating in an external system (No table description)

Oracle Human Resources Management Systems

Oracle Grants Accounting uses the following Oracle Human Resources Management Systems tables. Refer to the *Oracle Human Resources Management Systems Technical Reference Manual*.

Table Name	Description
PER_ALL_ASSIGNMENTS_F	Employee and applicant assignment details (No table description)
PER_ALL_PEOPLE_F	DateTracked table holding personal information for employees, applicants and other people (No table description)
PER_TIME_PERIODS	Time period definitions for payroll processing and HR budget calendars (No table description)

Oracle Public Sector Purchasing

Oracle Grants Accounting uses the following Oracle Public Sector Purchasing tables. Refer to the *Oracle Public Sector Purchasing Technical Reference Manual*.

Table Name	Description
PO_DISTRIBUTIONS_ALL	Purchase order distributions (No table description)
PO_REQ_DISTRIBUTIONS_ALL	Requisition distributions (No table description)
PO_VENDORS	Suppliers (No table description)

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Forms and Table View List

This section lists supplementary views that are not essential to the Release 11i data model, but simplify coding or improve performance of Developer. For example, many of these views are used as base tables in Oracle Grants Accounting forms.

Warning: Oracle does not recommend that users query or alter data using these views. Furthermore, these views may change dramatically in subsequent minor or major releases of Oracle Grants Accounting.

Oracle Grants Accounting uses the following Forms and Table views:

- GMS_1034_REPORT_V
- GMS_ACT_PROJECTS_BASIC_V
- GMS_AP_DISTRIBUTIONS_V
- GMS_AWARDS
- GMS_AWARDS_BASIC_V
- GMS_AWARDS_SRS_V
- GMS_AWARDS_V
- GMS_AWARD_BAL_V
- GMS_AWARD_PROJECTS_V
- GMS_AWARD_STATUS_V
- GMS_AWD_V
- GMS_BILL_AWARD_PROJECTS_V
- GMS_BUDGETARY_CONTROL_AWARD_V
- GMS_BUDGETARY_CONTROL_PROJ_V
- GMS_BUDGETARY_CONTROL_TASK_V
- GMS_BUDGET_CHANGE_REASON_V
- GMS_BUDGET_LINES_V
- GMS_BUDGET_MATRIX_V
- GMS_BUDGET_VERSIONS_BASELND_V
- GMS_BUDGET_VERSIONS_DRAFT_V
- GMS_BUDG_CONTROL_RES_GRP_V
- GMS_BV_TERMS_AND_CONDITIONS

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- GMS_COMMITMENT_BURDEN_V
- GMS_COMMITMENT_ENCUMBERED_V
- GMS_CONTACTS_V
- GMS_DEFAULT_REPORTS_V
- GMS_DRAFT_INVOICES_V
- GMS_DRAFT_INV_LINE_DETAILS_V
- GMS_DRAFT_REVENUES_V
- GMS_EMPLOYEES
- GMS_ENCUMBRANCES
- GMS_ENCUMBRANCES_V
- GMS_ENCUMBRANCE_GROUPS
- GMS_ENCUMBRANCE_GROUPS_V
- GMS_ENCUMBRANCE_ITEMS
- GMS_ENCUMBRANCE_ITEMS_V
- GMS_EVENTS_V
- GMS_EXPEND_ITEMS_ADJUST_V
- GMS_EXP_ITEMS_INQ_V
- GMS_FP_DISTRIBUTIONS_V
- GMS_FUNDING_AWARDS_V
- GMS_FUNDING_PATTERNS
- GMS_FUNDING_PATTERNS_V
- GMS_FUNDSCTL_RES_V
- GMS_FUNDSCTL_V
- GMS_IMPLEMENTATIONS
- GMS_INSTALLMENTS_V
- GMS_INV_BURDEN_DETAIL_V
- GMS_KEY_MEMBER_ROLE_V
- GMS_LOC_CONTACTS_V
- GMS_LOOKUPS
- GMS_NOTIFICATIONS_V

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- GMS_PERSONNEL_V
- GMS_PHONE_CONTACTS_V
- GMS_PO_DISTRIBUTIONS_V
- GMS_PO_REQ_DISTRIBUTIONS_V
- GMS_PROJECTS_EXPEND_V
- GMS_PROJECTS_V
- GMS_PROJECT_FUNDINGS_V
- GMS_PROJECT_STATUS_V
- GMS_REFERENCE_NUMBERS_V
- GMS_REPORTS_V
- GMS_REPORT_TEMPLATES_V
- GMS_RESG_BAL_V
- GMS_RESG_BC_V
- GMS_RESG_V
- GMS_RES_V
- GMS_STATUS_ACCUM_PROJECT_V
- GMS_STATUS_ACTUALS_V
- GMS_STATUS_AWARD_ACCUM_TASK_V
- GMS_STATUS_AWARD_ACCUM_V
- GMS_STATUS_COMMITMENTS_V
- GMS_STATUS_RESOURCES_V
- GMS_SUM_PRJ_FUNDINGS_V
- GMS_TASK_BAL_V
- GMS_TASK_BUDGETS2_V
- GMS_TASK_V
- GMS_TERMS_CONDITIONS_V
- PA_DRAFT_INVOICES_V_OLD
- PA_DRAFT_INV_LINE_DETAILS_V
- PA_DRAFT_REVENUE_ITEMS_V
- PA_EVENTS_V

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- PA_EVENT_TYPES_V
- PA_EVENT_TYPE_CLASSES_RES_V
- PA_EVENT_TYPE_CLASSES_V
- PA_EXPEND_ITEMS_ADJUST_V

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Internal View List

This section lists each private, internal view that Oracle Grants Accounting uses.

Warning: Oracle Corporation does not support access to Oracle Applications data using these views, except from standard Oracle Applications forms, reports, and programs.

Oracle Grants Accounting uses the following internal views:

- GMS_CDL_BURDEN_DETAIL_V
- GMS_STATUS_ACTUALS_BASE1_V
- GMS_STATUS_ACTUALS_BASE2_V
- GMS_TASK_BUDGETS_V
- GMS_TRANSACTION_INTERFACE
- PA_DRAFT_INVOICE_LINES_V
- PA_DRAFT_REVENUES_V
- PA_EVENT_OUTPUT_TAX
- PA_EVENT_TYPES_RES_V

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Single Organization View List

Multi–Organization Support is a feature that allows users to implement multiple sets of books within a single installation of Oracle Public Sector Payables, Oracle Public Sector Receivables, Oracle Public Sector Purchasing, and Oracle Order Entry / Shipping. Instead of using multiple installations to provide data security, data is secured by operating unit.

In Release 10.7, the ORG_ID column was added to each base table that requires partitioning by operating unit, including all transaction tables and many reference tables. These tables were then renamed to end with the suffix _ALL. To take the place of the renamed table, a view that is named like the Release 10.6 or earlier table is created and contains a WHERE clause that automatically restricts data to a single operating unit. The WHERE clause relies upon the value of an Oracle global variable to indicate the current organization.

To retrieve all information, regardless of operating unit, query the _ALL table. For example, if users are running a cross–organization report, they probably want to query the _ALL table.

However, if users want to report against only a single organization or operating unit, query the corresponding cross–organizational view, using the familiar 10.6–style table name. The view definition will automatically retrieve only data for the current operating unit.

Additional Information: *Multiple Organizations in Oracle Applications*

Oracle Grants Accounting uses the following Single Organization views:

- PA_DRAFT_INVOICES
- PA_DRAFT_INVOICE_DETAILS
- PA_DRAFT_REVENUES
- PA_EVENT_TYPE_OUS

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Multiple Reporting Currencies View List

This section lists each view that Oracle Grants Accounting uses to support the Multiple Reporting Currencies (MRC) feature. These views, under certain circumstances, replace the corresponding transaction tables but retrieve currency–sensitive information expressed in the reporting currency rather than in the functional currency for the associated set of books. When users access a transaction table from the APPS_MRC schema, an MRC synonym redirects the query to the corresponding MRC view. This MRC view ensures that users retrieve currency amounts expressed in the currency associated with the reporting set of books, as indicated by the userenv variable.

If users have not installed Multiple Reporting Currencies, they do not need to use these views. If MRC is used, standard product forms and reports automatically access data using these views whenever users sign on using a reporting currency responsibility.

Additional Information: Multiple Reporting Currencies, *Oracle Applications Installation Manual, Volume 1: Architecture and Concepts;* and *Multiple Reporting Currencies in Oracle Applications*

Oracle Grants Accounting uses the following Multiple Reporting Currencies views:

- PA_DRAFT_INVOICE_ITEMS_MRC_V
- PA_DRAFT_INV_DTLS_ALL_MRC_V
- PA_DRAFT_INV_DTLS_MRC_V
- PA_DRAFT_REVENUES_ALL_MRC_V
- PA_DRAFT_REVENUES_MRC_V
- PA_DRAFT_REVENUE_ITEMS_MRC_V
- PA_EVENTS_MRC_V

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Module List

This section lists each form, report and concurrent program comprising Oracle Grants Accounting.

Forms

GMSAWAWR	Set Up Roles
GMSAWBIL	Set Up Billing Forms
GMSAWEAW	Enter Awards
GMSAWPUR	Set Up Purpose Codes
GMSAWREF	Set Up References
GMSAWRTE	Set Up Report Templates
GMSAWTMC	Set Up Terms and Conditions
GMSBUBCL	Budgetary Control
GMSBUDBM	Budget Entry Methods
GMSBUDBT	Set Up Budget Types
GMSBUEBU	Award Budgets
GMSBUEPR	User–Defined Budgets
GMSBUSUM	Project Budgets
GMSCOASH	Set Up Cost Allowability
GMSCOICC	Burden Cost Codes
GMSCOVCM	View Burdened Cost
GMSINCTL	Control Award Billing by Top Task
GMSINRVW	Invoice Review
GMSMFVPF	Funding Inquiry
GMSPREPR	Enter Projects
GMSPSSPT	Set Up Project Types
GMSRVRVW	Revenue Review
GMSSUDET	Expenditure Types
GMSSUDEV	Event Types
GMSTRAPE	Actual Expenditure Inquiry
GMSTREPE	Enter Actual Expenditures

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GMSURVPS	Project Status

Reports

GMSAWRAL	Report on Award Listings
GMSBCSRP	Report on Summarized Burden Expenditure Items
GMSGRFCR	Government Report SF272
GMSGRFLR	Government Report SF269 (Long Form)
GMSGRFSR	Government Report SF269 (Short Form)
GMSGRPVR	Report on Award Listings
GMSGRRAR	Government Report SF270
GMSPRRPL	Report on Project Listings

Concurrent Programs

GMSADWRP	Wrapper on Project's Invoice Adjustment Concurrent Programs
GMSAWUAR	Update Award Summary Amounts for a Range of Awards
GMSAWUAS	Update Award Summary Amounts for a Single Award
GMSBSPRC	Create Summarized Burden Expenditure Items
GMSFCER	Costing and Funds Check on Expense Reports
GMSFCIA	Distribute Supplier Invoice Adjustment Costs and Funds Check
GMSFCST	Costing and Funds Check for Straight Time Labor
GMSFCUAE	Updates Actual and Encumbrance Balance
GMSFCUS	Costing and Funds Check on Usages
GMSGGLT	Interface Labor Cost to General Ledger
GMSINVGEN_MASS	Generate Draft Invoices for a Range of Awards
GMSINVGEN_SINGLE	Generate Draft Invoices for a Single Award
GMSISLPR	GMS: Submit Interface Streamline Process
GMSMOSDL	Insert Seed Data for Multiple Organizations

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GMSRGDR_MASS	Generate Revenue for a Single Award
GMSRGDR_SINGLE	Generate Revenue for a Single Award
GMSSGLT	Interface Usage Cost to General Ledger
GMSTAR	Interface Invoices to Receivables
GMSTRGL	Interface Revenue to General Ledger

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CHAPTER

3 Detailed Design

This chapter presents a detailed design for implementing Oracle Grants Accounting. It contains detailed table and view definitions and includes the following topics:

- overview
- table and view definitions

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Overview

During the detailed design phase of development, how each application component should work is specified in detail. Detailed definitions of tables, public views, and web views are also prepared.

This chapter provides the detailed understanding of the underlying structure and processes of Oracle Grants Accounting needed to perform the following tasks:

- convert existing application data
- integrate Oracle Grants Accounting with other applications systems
- write custom reports
- define alerts against Oracle Applications tables
- create views for decision support queries
- configure Oracle Self–Service Web Applications

Table and View Definitions

This section contains a detailed description of tables, public views, and web views used by Oracle Grants Accounting. For detailed descriptions of other Oracle Applications tables used by Oracle Grants Accounting, see the technical reference manual for the product. Tables are listed in alphabetical order. Information is provided about the following:

- foreign keys
- QuickCodes columns
- column descriptions
- indexes
- sequences
- database triggers
- view derivation

Attention: Because Oracle does not support customization of Oracle Application Object Library tables, detailed information about them is not provided.

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Foreign Keys

To help understand the relationships between tables, each foreign key contained in a table is listed. For each foreign key in a table, the primary key table name, its corresponding primary key columns, and the foreign key columns that refer to those primary key columns are also listed.

When the primary key table has a composite primary key, each column of the composite key is listed sequentially.

If a table contains two or more distinct foreign keys that refer to the same primary key table, the primary key table name is repeated and each of the distinct foreign keys is listed separately.

QuickCodes Columns

When a database column contains a QuickCodes value, the QuickCodes type, that is, lookup type, to which the QuickCodes value must belong and a complete list of QuickCodes values and meanings are listed.

QuickCodes are implemented using a foreign key to FND_LOOKUPS, MFG_LOOKUPS, or to another lookup table.

Some QuickCodes can be user–defined.

Column Descriptions

The important characteristics of each column in a table or view are listed. These characteristics include whether the column is part of the table's primary key, whether Oracle requires a value for this column, and the data type of the column. A brief description of how Oracle Grants Accounting uses the column is also supplied.

When a column is part of a table's primary key, the notation PK is appended to the name of that column.

To help understand which columns Oracle Grants Accounting uses and which columns it does not use, any unused column is indicated. When no module uses a database column, one of the following legends is shown in the Description column:

Not currently used	Oracle Grants Accounting does not use this column, although the column might be used in a future release.
No longer used	Oracle Grants Accounting no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Grants Accounting might not include this column.
No longer installed	Oracle Grants Accounting no longer uses this column. Software upgraded from an earlier version may still have this column, depending upon

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whether it was deleted during an upgrade process. Newly installed software does not have this column.

Standard Who Columns

Most Oracle Grants Accounting tables contain columns to indicate who last updated the row. If a custom program or SQL*Plus command updates or inserts a row in an interface table, each of the following standard Who columns must be populated:

LAST_UPDATE_DATE	Date when a user last updated this row
LAST_UPDATED_BY	User who last updated this row; foreign key to FND_USER.USER_ID
CREATION_DATE	Date when this row was created
CREATED_BY	User who created this row; foreign key to FND_USER.USER_ID
LAST_UPDATE_LOGIN	Operating system login of user who last updated this row; foreign key to FND_LOGINS.LOGIN_ID. This should be set to NULL, or to 0 if NULL is not allowed.

Since every table containing Who columns has several foreign keys to the tables FND_USER and FND_LOGINS, the foreign key columns LAST_UPDATED_BY, CREATED_BY, or LAST_UPDATE_LOGIN are not included in a table's list of foreign keys.

Additional Who Columns for Concurrent Programs

Some Oracle Grants Accounting tables also contain several additional Who columns to distinguish between changes a user makes with a form and changes a concurrent program makes. When a concurrent program updates or inserts a row in a table, the concurrent program populates the following additional Who columns:

REQUEST_ID	Concurrent request ID of program that last updated this row; foreign key to FND_CONCURRENT_REQUESTS. REQUEST_ID
PROGRAM_ APPLICATION_ID	Application ID of program that last updated this row; foreign key to FND_APPLICATION.APPLICATION_ID
PROGRAM_ID	Program ID of program that last updated this row; foreign key to FND_CONCURRENT_PROGRAM. CONCURRENT_PROGRAM_ID

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PROGRAM_UPDATE_DATE	Date when a program last updated this row

Since every table containing these additional Who columns has several foreign keys to the tables FND_CONCURRENT_REQUESTS, FND_APPLICATION, and FND_CONCURRENT_PROGRAM, the foreign key columns REQUEST_ID, PROGRAM_APPLICATION_ID, or PROGRAM_ID are not included in a table's list of foreign keys.

Indexes

If an Oracle Grants Accounting table uses an Oracle index, the database columns that comprise that index are listed in sequential order.

> **Note:** The indexes documented in this manual correspond to unique keys specified during product development and testing. In some cases, additional indexes can be added during the porting process to fine–tune performance on specific platforms. Therefore, there can be minor differences between the indexes documented in this book and the indexes for platform–specific versions of Oracle Grants Accounting.

Sequences

Oracle Grants Accounting uses Oracle sequence generators to generate unique integers. If any table column gets its value from an Oracle sequence generator, the name of the corresponding sequence generator and the name of the column that stores the unique integer are listed.

Database Triggers

If a table has one or more active database triggers, a brief explanation of each database trigger and when it fires is provided.

View Derivation

For each Oracle Grants Accounting view, the SQL statement that defines or creates a view is supplied. Study this view definition to understand exactly how a view derives its contents.

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GMS_269_HISTORY

GMS_269_HISTORY stores the history of SF 269, which is a financial status report for a federal award. Each record is identified by an award identifier, version, and status code. Each record is a financial status report for an award for a reporting period.

Column Descriptions

Name	Null?	Type	Description
AWARD_ID (PK)	NOT NULL	NUMBER(15)	Award identification number. Identifies award for which this report is generated.
VERSION (PK)	NOT NULL	NUMBER(15)	Report version number. This is a system-generated running sequence number, which has a one-to-one relationship with the reporting period.
STATUS_CODE (PK)	NOT NULL	VARCHAR2(1)	Approval status of the report. D indicates Draft and F indicates Approved.
REPORT_CODE	NULL	VARCHAR2(10)	Report code. For future use.
REPORT_STATUS	NULL	VARCHAR2(1)	Report status indicates if the report is a final report or not. F indicates Final report and D indicates that it is not a final report.
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
END_DATE	NULL	DATE	End date of report. Not currently used.
DOCUMENT_NUMBER	NULL	VARCHAR2(30)	Identification number for the report document. Default value is the award number. Users can modify it to conform to their requirements.
ACCOUNTING_BASIS	NULL	VARCHAR2(1)	Accounting basis used for the report. Valid values are A for Accrual and C for Cash.
FUNDING_START_DATE	NULL	DATE	Starting date of funding. Start date of the first installment of the award.
FUNDING_END_DATE	NULL	DATE	End date of funding. End date installment is later than all the other installments of the award.
REPORT_PERIOD_START_DATE	NULL	DATE	Start date of period for which this report is prepared
REPORT_PERIOD_END_DATE	NULL	DATE	End date of period for which this report is prepared. Reporting periods cannot overlap.
TOTAL_OUTLAY	NULL	NUMBER(22,5)	Total expenditure for this reporting period

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Column Descriptions (Continued)

Name	Null?	Type	Description
CUM_TOTAL_OUTLAY	NULL	NUMBER(22,5)	Cumulative expenditure from start of funding up to reporting period. Sum of the total outlay of this period and cumulative total outlay of previous period.
REFUND_REBATE	NULL	NUMBER(22,5)	Receipts which are treated as reduction of expenditure, not as income, and excluded from total outlay during reporting period
CUM_REFUND_REBATE	NULL	NUMBER(22,5)	Cumulative value of refund or rebate from start of funding up to reporting period
PROGRAM_INCOME	NULL	NUMBER(22,5)	Program income amount used in accordance with deduction alternative
CUM_PROGRAM_INCOME	NULL	NUMBER(22,5)	Cumulative value of program income from start of funding up to the reporting period
CONTRIBUTION	NULL	NUMBER(22,5)	Contributions received from third parties during reporting period
CUM_CONTRIBUTION	NULL	NUMBER(22,5)	Cumulative value of contributions from start of the funding up to reporting period
OTHER_FED_AWARD	NULL	NUMBER(22,5)	Other federal awards authorized to be used to match reporting award
CUM_OTHER_FED_AWARD	NULL	NUMBER(22,5)	Cumulative value of other federal awards from start of the funding up to reporting period
PROG_INCOME_MATCH	NULL	NUMBER(22,5)	Program income used in accordance with the matching or cost sharing alternative
CUM_PROG_INCOME_MATCH	NULL	NUMBER(22,5)	Cumulative value of program income match
OTHER_REC_OUTLAY	NULL	NUMBER(22,5)	Other recipient share of net outlays
CUM_OTHER_REC_OUTLAY	NULL	NUMBER(22,5)	Cumulative value of other recipient share of outlays from beginning of the award until reporting period
TOTAL_REC_OUTLAY	NULL	NUMBER(22,5)	Total recipient share of net outlays. Sum of third party contribution, federal award authorized to match this award, program income used in accordance with matching criteria, and other recipient outlays.
CUM_TOTAL_REC_OUTLAY	NULL	NUMBER(22,5)	Cumulative value of total recipient share of net outlays from beginning of the award until reporting period
CUM_UNLIQUID_OBLIGATION	NULL	NUMBER(22,5)	Cumulative value of unliquidated obligations, including unliquidated obligations to subgrantees and contractors from beginning of the award until reporting period

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Column Descriptions (Continued)

Name	Null?	Type	Description
CUM_RECIPIENT_OBLIGATION	NULL	NUMBER(22,5)	Cumulative value of recipients' share of unliquidated obligations from beginning of the award until reporting period
CUM_PERIOD_FEDERAL_FUND	NULL	NUMBER(22,5)	Cumulative value of the federal fund during reporting period. Sum of installment amounts eligible during this period.
CUM_PROGRAM_INCOME_ADDITION	NULL	NUMBER(22,5)	Disbursed program income using the addition alternative
CUM_PROGRAM_INCOME_UNUSED	NULL	NUMBER(22,5)	Undisbursed program income
RATE_TYPE	NULL	VARCHAR2(30)	Rate type used for overhead costs. Valid values are Predetermined, Provisional, Final, and Fixed.
INDIRECT_COST_RATE	NULL	NUMBER(22,5)	Indirect cost rate used for calculating overhead costs
ALLOWED_COST_BASE	NULL	NUMBER(22,5)	Cost base used as the base for calculating overhead cost
FEDERAL_IDC_SHARE	NULL	NUMBER(22,5)	Federal share of overhead or indirect cost
REMARKS	NULL	VARCHAR2(2000)	Remarks or special notes for this report

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_269_HISTORY_U1	NOT UNIQUE	2	AWARD_ID
		4	VERSION

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GMS_270_HISTORY

GMS_270_HISTORY stores the history of SF 270, which is a financial status report for a federal award.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID

Column Descriptions

Name	Null?	Type	Description
AWARD_ID (PK)	NOT NULL	NUMBER(15)	Award identification number. Identifies award for which this report is generated.
VERSION (PK)	NOT NULL	NUMBER(15)	Version number of report. System-generated running sequence number, which has a one-to-one relationship with the reporting period.
STATUS_CODE (PK)	NOT NULL	VARCHAR2(1)	Report approval status. D indicates Draft and F indicates Final.
RUN_DATE	NULL	DATE	Date report run
DOCUMENT_NUMBER	NULL	VARCHAR2(30)	Identification number for report document. The default value is the award number. Users can modify to conform to their requirements.
ACCOUNTING_BASIS	NOT NULL	VARCHAR2(1)	Accounting basis used for report. Valid values include A for Accrual and C for Cash.
PAYMENT_TYPE	NOT NULL	VARCHAR2(1)	Payment types include advance or reimbursement.
PAYMENT_SCHEDULE	NOT NULL	VARCHAR2(1)	Payment schedules are final or partial.
REPORT_START_DATE	NULL	DATE	Start date of period for which report is prepared
REPORT_END_DATE	NULL	DATE	End date of period for which report is prepared. Reporting periods cannot overlap.
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
TOT_PRG_OUTLAY	NULL	NUMBER(22,5)	Total expenditures for reporting period
CUM_PRG_INCOME	NULL	NUMBER(22,5)	Program income received to date. User-defined field.
NET_CASH_OUTLAY	NULL	NUMBER(22,5)	User-defined field. Total estimated amount of cash outlays that are to be made during period covered by the advance.
NON_FED_SHARE	NULL	NUMBER(22,5)	Nonfederal share of the sum of net cash outlays and net program outlays
PAYEE_ADDRESS_ID	NULL	NUMBER	Payee address identifier
REMARKS	NULL	VARCHAR2(2000)	Remarks or special notes for this report

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Indexes

Index Name	Index Type	Sequence	Column Name
GMS_270_HISTORY_U1	UNIQUE	2	AWARD_ID
		4	VERSION
		6	STATUS_CODE

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GMS_272_HISTORY

GMS_272_HISTORY stores the history of SF 272, which is a federal cash transaction report.

Column Descriptions

Name	Null?	Type	Description
AWARD_ID (PK)	NOT NULL	NUMBER(15)	Award identification number. Identifies the award for which this report is generated.
VERSION (PK)	NOT NULL	NUMBER(15)	Report version number. System-generated running sequence number, that has a one-to-one relationship with reporting period.
STATUS_CODE (PK)	NOT NULL	VARCHAR2(1)	Report approval status. D indicates Draft and F indicates Approved.
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DOCUMENT_NUMBER	NULL	VARCHAR2(30)	Identification number for report document. Default value is the award number. Users can modify to conform to their requirements.
RUN_DATE	NULL	DATE	Date report run
REPORT_START_DATE	NULL	DATE	Report start date
REPORT_END_DATE	NULL	DATE	Report end date
LETTER_OF_CREDIT	NULL	VARCHAR2(15)	Letter of credit number
LAST_PAYMENT_VOUCHER_NUMBER	NULL	NUMBER	Last payment voucher number
PAYMENT_VOUCHER_CREDIT	NULL	NUMBER(15)	Payment vouchers credited to account
TREASURY_CHECK	NULL	NUMBER	Treasury checks received, whether or not deposited
CASH_IN_HAND_BEGIN	NULL	NUMBER(22,5)	Cash in hand at beginning of reporting period
LETTER_OF_CREDIT_WITHDRAWLS	NULL	NUMBER(22,5)	Letter of credit withdrawals
TREASURY_CHECK_PAYMENTS	NULL	NUMBER(15)	Treasury check payments
TOTAL_RECEIPTS	NULL	NUMBER(22,5)	Total receipts. Sum of letter of credit withdrawals and Treasury check payments.
TOTAL_CASH_AVAIABLE	NULL	NUMBER(22,5)	Total cash available. Sum of cash in hand at beginning of reporting period and total receipts.
GROSS_DISBURSEMENTS	NULL	NUMBER(22,5)	Gross disbursements
FEDERAL_SHARE_INCOME	NULL	NUMBER(22,5)	Federal share of program income
NET_DISBURSEMENTS	NULL	NUMBER(22,5)	Net disbursements. Gross disbursements, federal share of program income.
ADJUSTMENTS_PRIOR_PERIODS	NULL	NUMBER(22,5)	Adjustments of prior periods
CASH_IN_HAND_END	NULL	NUMBER(22,5)	Cash in hand at end of period
DAYS	NULL	NUMBER	Number of days
INTEREST_INCOME	NULL	NUMBER(22,5)	Interest income
ADV_TO_SUBGRANTEES	NULL	NUMBER(22,5)	Advances to subgrantees or subcontractors
REMARKS	NULL	VARCHAR2(2000)	Remarks
CREATED_BY	NULL	NUMBER(15)	Standard Who column

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Indexes

Index Name	Index Type	Sequence	Column Name
GMS_272_HISTORY_UK1	UNIQUE	2	AWARD_ID
		4	VERSION
		6	STATUS_CODE

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GMS_ALLOWABILITY_SCHEDULES

GMS_ALLOWABILITY_SCHEDULES holds cost allowability schedule information. An allowability schedule, when attached to an award, dictates what expenditure types are allowable for an award and what the limits for indirect cost are on each of the allowable expenditure types.

Column Descriptions

Name	Null?	Type	Description
ALLOWABILITY_SCHEDULE_ID (PK)	NOT NULL	NUMBER(15)	Allowability schedule unique identifier
ALLOW_SCH_NAME	NOT NULL	VARCHAR2(30)	Allowability schedule name
DESCRIPTION	NULL	VARCHAR2(240)	Allowability schedule description
START_DATE_ACTIVE	NOT NULL	DATE	Allowability schedule start date
END_DATE_ACTIVE	NULL	DATE	Allowability schedule end date
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_ALLOWABILITY_SCHEDULES_U1	UNIQUE	1	ALLOWABILITY_SCHEDULE_ID
GMS_ALLOWABILITY_SCHEDULES_U2	UNIQUE	2	ALLOW_SCH_NAME

Sequences

Sequence	Derived Column
GMS_ALLOWABILITY_SCHEDULES_S	ALLOWABILITY_SCHEDULE_ID

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GMS_ALLOWABLE_EXPENDITURES

GMS_ALLOWABLE_EXPENDITURES stores information about what expenditure types are allowed for a particular schedule and what the burden limits are for those expenditure types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_ALLOWABILITY_SCHEDULES	ALLOWABILITY_SCHEDULE_ID	ALLOWABILITY_SCHEDULE_ID
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE

Column Descriptions

Name	Null?	Type	Description
ALLOWABILITY_SCHEDULE_ID (PK)	NOT NULL	NUMBER(15)	Foreign key from GMS_ALLOWABILITY_SCHEDULES. The schedule identifier for which allowable expenditure types are to be defined.
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	Allowable expenditure type for this schedule. Foreign key from PA_EXPENDITURE_TYPES.
BURDEN_COST_LIMIT	NULL	NUMBER(22,5)	Amount of raw cost of that expenditure type, up to which burden cost can be charged
BURDEN_COST_LIMIT_PCT	NULL	NUMBER(22,5)	Percentage of raw cost of that expenditure type, up to which burden cost can be calculated. Not currently used.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
MTDC_EXEMPT_FLAG	NULL	VARCHAR2(1)	Indicates whether expenditure type is exempted from Modified Total Direct Cost, MTDC, or not. Y indicates Exempted and N indicates Not Exempted.

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_ALLOWABLE_EXPENDITURES_U1	UNIQUE	1	ALLOWABILITY_SCHEDULE_ID
		2	EXPENDITURE_TYPE

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GMS_AWARDS_ALL

GMS_AWARDS_ALL stores the highest level of information about grants received from a funding agency for execution of projects including the rules for billing and revenue generation, and terms and conditions associated with the award. Users can maintain the indirect cost rates, cost allowability, billing and revenue generation rules, and workflow controls for various notifications. This table also maintains award template information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_ALLOWABILITY_SCHEDULES	ALLOWABILITY_SCHEDULE_ID	ALLOWABLE_SCHEDULE_ID
GMS_AWARD_PURPOSE_CODES	AWARD_PURPOSE_CODE	AWARD_PURPOSE_CODE
GMS_BILLING_FORMS	FORM_NAME	AGENCY_SPECIFIC_FORM
PA_AGREEMENTS_ALL	AGREEMENT_ID	AGREEMENT_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	IDC_SCHEDULE_ID
RA_CUSTOMERS_	CUSTOMER_ID	FUNDING_SOURCE_ID

Column Descriptions

Name	Null?	Type	Description
AWARD_ID (PK)	NOT NULL	NUMBER(15)	Unique identifier for an award. Primary key.
AWARD_NUMBER	NOT NULL	VARCHAR2(15)	Number input by user to identify the award
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
AWARD_SHORT_NAME	NOT NULL	VARCHAR2(30)	Award short name
AWARD_FULL_NAME	NULL	VARCHAR2(240)	Award full name
FUNDING_SOURCE_ID	NULL	NUMBER(15)	Identifier for funding source that originates the award
START_DATE_ACTIVE	NULL	DATE	First effective date of award
END_DATE_ACTIVE	NULL	DATE	Last effective date of award
CLOSE_DATE	NULL	DATE	Close date of award
FUNDING_SOURCE_AWARD_NUMBER	NULL	VARCHAR2(30)	Award number from funding source
AWARD_PURPOSE_CODE	NULL	VARCHAR2(30)	Award code which describes the purpose of an award
STATUS	NULL	VARCHAR2(30)	Award status
ALLOWABLE_SCHEDULE_ID	NULL	NUMBER(15)	Identifier for allowable schedule of the award
IDC_SCHEDULE_ID	NULL	NUMBER(15)	Identifier for indirect cost rate schedule of the award
REVENUE_DISTRIBUTION_RULE	NULL	VARCHAR2(30)	Revenue distribution rule for the award. Values are Cost or Event.
BILLING_FREQUENCY	NULL	VARCHAR2(30)	Award billing frequency
BILLING_DISTRIBUTION_RULE	NULL	VARCHAR2(30)	Billing distribution rule for the award. Values are Cost or Event.
BILLING_FORMAT	NULL	VARCHAR2(30)	Award billing format
BILLING_TERM	NULL	NUMBER(15)	Award billing term

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Column Descriptions (Continued)

Name	Null?	Type	Description
AWARD_PROJECT_ID	NULL	NUMBER(15)	Award project identifier
AGREEMENT_ID	NULL	NUMBER(15)	Identifier of agreement that binds to the award
AWARD_TEMPLATE_FLAG	NULL	VARCHAR2(10)	Indicates if record is an award template or an award. Immediate indicates an award template and Deferred indicates an award.
PREAWARD_DATE	NULL	DATE	Pre-award date
AWARD_MANAGER_ID	NULL	NUMBER(15)	No longer used
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
AGENCY_SPECIFIC_FORM	NULL	VARCHAR2(60)	Agency specified form name for billing format
BILL_TO_CUSTOMER_ID	NULL	NUMBER(15)	Identifier of the bill-to-customer that is used in billing format
TRANSACTION_NUMBER	NULL	VARCHAR2(60)	Used in billing format
AMOUNT_TYPE	NULL	VARCHAR2(4)	Amount type for budgetary control. PTD indicates Period to Date, PJTD indicates Project to Date, and YTD indicates Year to Date.
BOUNDARY_CODE	NULL	VARCHAR2(2)	Boundary code for budgetary control. Y indicates Year, P indicates Period, and PJ indicates Project.
FUND_CONTROL_LEVEL_AWARD	NULL	VARCHAR2(30)	B indicates Absolute, D indicates Advisory, and N indicates None.
FUND_CONTROL_LEVEL_TASK	NULL	VARCHAR2(30)	B indicates Absolute, D indicates Advisory, and N indicates None.
FUND_CONTROL_LEVEL_RES_GRP	NULL	VARCHAR2(30)	B indicates Absolute, D indicates Advisory, and N indicates None.
FUND_CONTROL_LEVEL_RES	NULL	VARCHAR2(30)	B indicates Absolute, D indicates Advisory, and N indicates None.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
TEMPLATE_START_DATE_ACTIVE	NULL	DATE	Start date from which template is active
TEMPLATE_END_DATE_ACTIVE	NULL	DATE	End date to which template is active
TYPE	NULL	VARCHAR2(30)	Award type
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multiple organization
COST_IND_SCH_FIXED_DATE	NULL	DATE	Fixed date for indirect cost rate schedule
LABOR_INVOICE_FORMAT_ID	NULL	NUMBER(15)	Labor invoice format identifier
NON_LABOR_INVOICE_FORMAT_ID	NULL	NUMBER(15)	Non-labor invoice format identifier
BILL_TO_ADDRESS_ID	NULL	NUMBER(15)	Billing address identifier for customer
SHIP_TO_ADDRESS_ID	NULL	NUMBER(15)	Shipping address identifier for customer
LOC_BILL_TO_ADDRESS_ID	NULL	NUMBER(15)	Billing address identifier for letter of credit customer
LOC_SHIP_TO_ADDRESS_ID	NULL	NUMBER	Shipping address identifier for letter of credit customer
AWARD_ORGANIZATION_ID	NULL	NUMBER(15)	Award organization identifier
HARD_LIMIT_FLAG	NULL	VARCHAR2(1)	Hard limit flag
BILLING_OFFSET	NULL	NUMBER(15)	Number of days that elapse between the award start date and the date of the award's first invoice
BILLING_CYCLE_ID	NULL	NUMBER(15)	Descriptive name of the billing cycle
BUDGET_WF_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicates whether workflow is enabled for budget baselining, reports notification, and installment activation for an award.
PROPOSAL_ID	NULL	NUMBER(15)	Grants Proposal identifier from which an award is created. This column links a proposal in Oracle Grants Proposal to an award in Oracle Grants Accounting.

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_AWARDS_U1	UNIQUE	1	AWARD_ID
GMS_AWARDS_U2	UNIQUE	1	AWARD_NUMBER
GMS_AWARDS_U3	NOT UNIQUE	4	AWARD_PROJECT_ID

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Sequences

Sequence	Derived Column
GMS_AWARDS_S	AWARD_ID

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GMS_AWARDS_CONTACTS

GMS_AWARDS_CONTACTS stores information about the contacts of an award.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
RA_CONTACTS_	CONTACT_ID	CONTACT_ID

Column Descriptions

Name	Null?	Type	Description
AWARD_ID (PK)	NOT NULL	NUMBER(15)	Award identifier
CONTACT_ID (PK)	NOT NULL	NUMBER(15)	Contact identifier
CUSTOMER_ID	NULL	NUMBER(15)	Unique identifier of customer that issued this award
PRIMARY_FLAG	NULL	VARCHAR2(1)	Indicates whether contact is primary or not
USAGE_CODE	NULL	VARCHAR2(30)	Contact usage type
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_AWARDS_CONTACTS_U1	UNIQUE	1	AWARD_ID
		2	CONTACT_ID
		4	CUSTOMER_ID
		6	USAGE_CODE

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GMS_AWARDS_TERMS_CONDITIONS

GMS_AWARDS_TERMS_CONDITIONS stores information about terms and conditions associated with an award.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
GMS_TC_CATEGORIES	CATEGORY_ID	CATEGORY_ID
GMS_TERMS_CONDITIONS	TERM_ID	TERM_ID

Column Descriptions

Name	Null?	Type	Description
AWARD_ID (PK)	NOT NULL	NUMBER(15)	Award identifier
CATEGORY_ID (PK)	NOT NULL	NUMBER(15)	Category identifier
TERM_ID (PK)	NOT NULL	NUMBER(15)	Term identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
OPERAND	NULL	VARCHAR2(30)	Operand can be less than, greater than, equal to, not equal to, or N/A
VALUE	NULL	NUMBER(15)	Value for corresponding terms and conditions

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_AWARDS_TERMS_CONDITIONS_U1	UNIQUE	1	AWARD_ID
		2	CATEGORY_ID
		3	TERM_ID

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GMS_AWARD_DISTRIBUTIONS

GMS_AWARD_DISTRIBUTIONS stores distribution lines for requisitions, purchase orders, invoices, encumbrances, and project expenditure items charged to awards.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BILLED_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
REVERSED_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
AWARD_SET_ID	NOT NULL	NUMBER(15)	System generated number for a distribution set
ADL_LINE_NUM	NOT NULL	NUMBER(15)	Sequence number of a distribution within a distribution set
FUNDING_PATTERN_ID	NULL	NUMBER(15)	Identifier of funding pattern used for generating the distribution set
DISTRIBUTION_VALUE	NULL	NUMBER(3)	Distribution value is the percentage of the funding distribution.
RAW_COST	NULL	NUMBER(22,5)	Raw cost of the source transaction
DOCUMENT_TYPE	NOT NULL	VARCHAR2(3)	Source document type of transactions
PROJECT_ID	NULL	NUMBER(15)	Project identifier for the distribution
TASK_ID	NULL	NUMBER(15)	Task identifier for the distribution
AWARD_ID	NOT NULL	NUMBER(15)	Award identifier of the award to which the distribution is assigned
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	Expenditure item identifier or encumbrance item identifier of the source transaction
CDL_LINE_NUM	NULL	NUMBER(15)	Sequential number that identifies the cost distribution line for an expenditure item
IND_COMPILED_SET_ID	NULL	NUMBER(15)	Identifier of the compiled set that is used to calculate the burden cost
GL_DATE	NULL	DATE	End date of General Ledger accounting period to which cost is posted.
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
LINE_NUM_REVERSED	NULL	NUMBER(15)	Distribution line number; reversed by this distribution line

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Column Descriptions (Continued)

Name	Null?	Type	Description
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER(15)	Resource list member identifier to which the distribution is mapped to for funds checking purpose.
OUTPUT_VAT_TAX_ID	NULL	NUMBER	Tax identifier for invoice
OUTPUT_TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	Flag indicates whether the distribution is exempt from tax.
OUTPUT_TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	Tax exemption reason code
OUTPUT_TAX_EXEMPT_NUMBER	NULL	VARCHAR2(80)	Tax exemption number
ADL_STATUS	NULL	VARCHAR2(3)	Status of the distribution. A (Active), I (Invalid).
FC_STATUS	NULL	VARCHAR2(1)	Flag indicating the funds check status of the distribution. A (Approved), R (Rejected), P (Pending).
LINE_TYPE	NULL	VARCHAR2(1)	Indicates the distribution. Represents raw cost or burden cost line. R (Raw), B (Burden).
CAPITALIZED_FLAG	NULL	VARCHAR2(1)	Indicates whether distribution has been capitalized or not
CAPITALIZABLE_FLAG	NULL	VARCHAR2(1)	Indicates capitalization status of this distribution
REVERSED_FLAG	NULL	VARCHAR2(1)	Reversed item identifier
REVENUE_DISTRIBUTED_FLAG	NULL	VARCHAR2(1)	Indicates revenue distributed status
BILLED_FLAG	NULL	VARCHAR2(1)	Indicates billed status
BILL_HOLD_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the item is held from invoicing. Upon entry this flag defaults to N.
DISTRIBUTION_ID	NULL	NUMBER(15)	Requisition Distribution Unique identifier.
PO_DISTRIBUTION_ID	NULL	NUMBER(15)	Purchasing Distribution Unique identifier
INVOICE_DISTRIBUTION_ID	NULL	NUMBER(15)	Invoice identifier
PARENT_AWARD_SET_ID	NULL	NUMBER(15)	Parent distribution set identifier used for tracking reversed distributions
INVOICE_ID	NULL	NUMBER(15)	Invoice identifier for the distribution
PARENT_ADL_LINE_NUM	NULL	NUMBER(15)	Parent distribution line number used for tracking reversed distributions
DISTRIBUTION_LINE_NUMBER	NULL	NUMBER(15)	Invoice distribution line number for this record
BURDENABLE_RAW_COST	NULL	NUMBER	Part of the raw cost used for calculating burden cost
COST_DISTRIBUTED_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the item has been cost distributed. N indicates the item is marked for cost distribution. When the item is cost distributed, the flag is set to Y.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
BUD_TASK_ID	NULL	NUMBER(15)	Budgeted task identifier of the distribution.

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Column Descriptions (Continued)

Name	Null?	Type	Description
BILLABLE_FLAG	NULL	VARCHAR2(1)	Billable flag. Used by Revenue or Invoice generation. Status of this flag mapped to corresponding cost distribution line.
ACCUMULATED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether the distribution has been posted in balances

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_AWARD_DISTRIBUTIONS_N1	NOT UNIQUE	10	EXPENDITURE_ITEM_ID
		20	ADL_LINE_NUM
		30	DOCUMENT_TYPE
		40	ADL_STATUS
GMS_AWARD_DISTRIBUTIONS_N2	NOT UNIQUE	5	EXPENDITURE_ITEM_ID
GMS_AWARD_DISTRIBUTIONS_N3	NOT UNIQUE	5	DISTRIBUTION_ID
GMS_AWARD_DISTRIBUTIONS_N4	NOT UNIQUE	5	PO_DISTRIBUTION_ID
GMS_AWARD_DISTRIBUTIONS_N5	NOT UNIQUE	5	INVOICE_DISTRIBUTION_ID
GMS_AWARD_DISTRIBUTIONS_N6	NOT UNIQUE	5	AWARD_ID
		10	DOCUMENT_TYPE
GMS_AWARD_DISTRIBUTIONS_U1	UNIQUE	10	AWARD_SET_ID
		20	ADL_LINE_NUM

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GMS_AWARD_EXP_TYPE_ACT_COST

GMS_AWARD_EXP_TYPE_ACT_COST stores the cumulative raw expenditure amount for an award and expenditure type. This table is used for applying limits on burdening by award and expenditure type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE

Column Descriptions

Name	Null?	Type	Description
AWARD_ID (PK)	NOT NULL	NUMBER(15)	Award identifier for which current actual expenditure amount is maintained
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	Expenditure type for which current actual expenditure amount is maintained
REQ_RAW_COST	NOT NULL	NUMBER	REQ cumulative expenditure amount for an award and expenditure type up to current date
PO_RAW_COST	NULL	NUMBER	PO cumulative expenditure amount for an award and expenditure type up to current date
ENC_RAW_COST	NULL	NUMBER	ENC cumulative expenditure amount for an award and expenditure type up to current date
AP_RAW_COST	NULL	NUMBER	AP cumulative expenditure amount for an award and expenditure type up to current date
EXP_RAW_COST	NULL	NUMBER	EXP cumulative expenditure amount for an award and expenditure type up to current date
REQ_BURDENABLE_COST	NULL	NUMBER	REQ cumulative burdenable amount for an award and expenditure type up to current date
PO_BURDENABLE_COST	NULL	NUMBER	PO cumulative burdenable amount for an award and expenditure type up to current date
ENC_BURDENABLE_COST	NULL	NUMBER	ENC cumulative burdenable amount for an award and expenditure type up to current date
AP_BURDENABLE_COST	NULL	NUMBER	AP cumulative burdenable amount for an award and expenditure type up to current date
EXP_BURDENABLE_COST	NULL	NUMBER	EXP cumulative burdenable amount for an award and expenditure type up to current date
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATED_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

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Indexes

Index Name	Index Type	Sequence	Column Name
GMS_AWARD_EXP_TYPE_ACT_COST_N1	NOT UNIQUE	2	AWARD_ID
		4	EXPENDITURE_TYPE

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GMS_AWARD_PURPOSE_CODES

GMS_AWARD_PURPOSE_CODES stores user–defined information about the purpose codes.

Column Descriptions

Name	Null?	Type	Description
AWARD_PURPOSE_CODE (PK)	NOT NULL	VARCHAR2(30)	Award purpose code
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(250)	Description
START_DATE_ACTIVE	NOT NULL	DATE	First effective date
END_DATE_ACTIVE	NULL	DATE	Last effective date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_AWARD_PURPOSE_CODES_U1	UNIQUE	1	AWARD_PURPOSE_CODE

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GMS_BALANCES

GMS_BALANCES stores actual, budget, and encumbrance balance per project, task, award, period, budget version, and resource. Budget lines are created during the budget baseline process. Actual, encumbrance and revenue records are created by the update actual and encumbrance balance process.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
GMS_BUDGET_LINES	START_DATE	START_DATE
PA_BUDGET_VERSIONS	BUDGET_VERSION_ID	BUDGET_VERSION_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_RESOURCE_LIST_MEMBERS	RESOURCE_LIST_MEMBER_ID	RESOURCE_LIST_MEMBER_ID
PA_RESOURCE_LIST_MEMBERS	RESOURCE_LIST_MEMBER_ID	PARENT_MEMBER_ID
PA_TASKS	TASK_ID	TASK_ID

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Project defining column
TASK_ID	NOT NULL	NUMBER(15)	Task defining column
AWARD_ID	NOT NULL	NUMBER(15)	Award defining column
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	Resource list member defining column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting books defining column
BUDGET_VERSION_ID	NOT NULL	NUMBER(15)	Budget version
START_DATE	NOT NULL	DATE	Accounting period start date
END_DATE	NOT NULL	DATE	Accounting period end date
BALANCE_TYPE	NOT NULL	VARCHAR2(3)	Balance type indicates the balance is for any of the following categories. BGT (budget), REQ (Requisition), PO (Purchase Order), AP (Supplier invoice), EXP (expenditure) ENC (encumbrance), REV (Revenue).
TOP_TASK_ID	NULL	NUMBER(15)	Top task identifier for task level balances
PARENT_MEMBER_ID	NULL	NUMBER(15)	Parent member defining column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
PERIOD_NAME	NULL	VARCHAR2(15)	Accounting period name
ACTUAL_PERIOD_TO_DATE	NULL	NUMBER	Actuals period to date
REVENUE_PERIOD_TO_DATE	NULL	NUMBER	Revenue period to date
BUDGET_PERIOD_TO_DATE	NULL	NUMBER	Budget period to date
ENCUMB_PERIOD_TO_DATE	NULL	NUMBER	Encumbrances period to date

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Indexes

Index Name	Index Type	Sequence	Column Name
GMS_BALANCES_N1	NOT UNIQUE	10	BUDGET_VERSION_ID
		20	TASK_ID
		30	RESOURCE_LIST_MEMBER_ID
GMS_BALANCES_U1	UNIQUE	1	PROJECT_ID
		2	AWARD_ID
		3	TASK_ID
		4	SET_OF_BOOKS_ID
		5	BUDGET_VERSION_ID
		6	RESOURCE_LIST_MEMBER_ID
		11	BALANCE_TYPE
		12	START_DATE

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GMS_BC_PACKETS

GMS_BC_PACKETS is Oracle Grants Accounting's main table for the budgetary control feature. This table stores the budgetary control packets that need to be approved before creating journal entries. A budgetary control packet contains information about a set of transactions to be approved before entering it into the system. The funds check program evaluates these packets and updates the RESULT_CODE column in GMS_BC_PACKETS with a lookup code signifying the result of the funds check. Once a packet passes its funds check and the balances are updated in GMS_BALANCES, the packet is removed from GMS_BC_PACKETS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_BC_PACKETS	PACKET_ID	PACKET_ID
GL_JE_CATEGORIES_TL	JE_CATEGORY_NAME	JE_CATEGORY_NAME
GL_JE_SOURCES_TL	JE_SOURCE_NAME	JE_SOURCE_NAME
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PA_TASKS	TASK_ID	TOP_TASK_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCOUNT_TYPE	ACCOUNT TYPE	GL_LOOKUPS
	A	A
	E	E
	L	L
	O	O
	R	R
ACTUAL_FLAG	BATCH_TYPE	GL_LOOKUPS
	A	A
	B	B
	E	E
EFFECT_ON_FUNDS_CODE	EFFECT_ON_FUNDS_CODE	GL_LOOKUPS
	D	Decreasing
	I	Increasing
STATUS_CODE	FUNDS_CHECK_STATUS_CODE	GL_LOOKUPS
	A	Approved
	C	Checking
	F	Failed Check
	P	Pending
	R	Rejected
	S	Passed Check
	T	Fatal

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TRANSFERED_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
PACKET_ID	NOT NULL	NUMBER(15)	Budgetary control packet defining column
PROJECT_ID	NOT NULL	NUMBER(15)	Project defining column
AWARD_ID	NOT NULL	NUMBER(15)	Award defining column
TASK_ID	NOT NULL	NUMBER(15)	Task defining column
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type defining column
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Expenditure item date for the expenditure
ACTUAL_FLAG	NOT NULL	VARCHAR2(1)	Balance type. Valid values are A indicates Actual, B indicates Budget, or E indicates Encumbrance.
STATUS_CODE	NOT NULL	VARCHAR2(1)	Funds check or reservation status
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting books defining column
JE_CATEGORY_NAME	NOT NULL	VARCHAR2(30)	Journal entry category name
JE_SOURCE_NAME	NOT NULL	VARCHAR2(30)	Journal entry source name
TRANSFERED_FLAG	NOT NULL	VARCHAR2(1)	Not currently used
DOCUMENT_TYPE	NOT NULL	VARCHAR2(3)	Document type defining column. Possible values are REQ, PO, Payables, or Project Accounting.
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Organization-incurred expenditure
PERIOD_NAME	NULL	VARCHAR2(15)	Accounting period
PERIOD_YEAR	NULL	NUMBER(15)	Accounting period year
PERIOD_NUM	NULL	NUMBER(15)	Accounting period number
DOCUMENT_HEADER_ID	NULL	NUMBER(15)	Document header defining column
DOCUMENT_DISTRIBUTION_ID	NULL	NUMBER(15)	Document distribution defining column
TOP_TASK_ID	NULL	NUMBER(15)	Top task defining column
PARENT_RESOURCE_ID	NULL	NUMBER(15)	Parent task defining column
BUDGET_VERSION_ID	NULL	NUMBER(15)	Budget version
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER(15)	Resource list member defining column
ACCOUNT_TYPE	NULL	VARCHAR2(1)	Oracle Public Sector General Ledger account type
ENTERED_DR	NULL	NUMBER	Transaction debit amount in entered currency
ENTERED_CR	NULL	NUMBER	Transaction credit amount in entered currency
TOLERANCE_AMOUNT	NULL	NUMBER	Allowable amount to exceed funding budget
TOLERANCE_PERCENTAGE	NULL	NUMBER	Percentage of funding budget that can be increased
OVERRIDE_AMOUNT	NULL	NUMBER	Maximum transaction amount that can be used to override a funds check

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Column Descriptions (Continued)

Name	Null?	Type	Description
EFFECT_ON_FUNDS_CODE	NULL	VARCHAR2(1)	Increasing or decreasing effect of a transaction on funds available
RESULT_CODE	NULL	VARCHAR2(3)	Result of funds check or reservation
GL_BC_PACKETS_ROWID	NULL	VARCHAR2(30)	Not currently used
AWARD_BUDGET_POSTED	NULL	NUMBER	Award budget posted
AWARD_BUDGET_APPROVED	NULL	NUMBER	Award budget approved
AWARD_BUDGET_PENDING	NULL	NUMBER	Award budget pending
AWARD_ENC_POSTED	NULL	NUMBER	Award encumbrance posted
AWARD_ENC_APPROVED	NULL	NUMBER	Award encumbrance approved
AWARD_ENC_PENDING	NULL	NUMBER	Award encumbrance pending
AWARD_ACTUAL_POSTED	NULL	NUMBER	Award actuals posted
AWARD_ACTUAL_APPROVED	NULL	NUMBER	Award actuals approved
AWARD_ACTUAL_PENDING	NULL	NUMBER	Award actuals pending
AWARD_RESULT_CODE	NULL	VARCHAR2(3)	Result code of funds check at award level
TASK_BUDGET_POSTED	NULL	NUMBER	Task budget posted
TASK_BUDGET_APPROVED	NULL	NUMBER	Task budget approved
TASK_BUDGET_PENDING	NULL	NUMBER	Task budget pending
TASK_ENC_POSTED	NULL	NUMBER	Task encumbrances posted
TASK_ENC_APPROVED	NULL	NUMBER	Task encumbrances approved
TASK_ENC_PENDING	NULL	NUMBER	Task encumbrances pending
TASK_ACTUAL_POSTED	NULL	NUMBER	Task actuals posted
TASK_ACTUAL_APPROVED	NULL	NUMBER	Task actuals approved
TASK_ACTUAL_PENDING	NULL	NUMBER	Task actuals pending
TASK_RESULT_CODE	NULL	VARCHAR2(3)	Result code of funds check at task level
RES_GRP_BUDGET_POSTED	NULL	NUMBER	Resource group budget posted
RES_GRP_BUDGET_APPROVED	NULL	NUMBER	Resource group budget approved
RES_GRP_BUDGET_PENDING	NULL	NUMBER	Resource group budget pending
RES_GRP_ENC_POSTED	NULL	NUMBER	Resource group encumbrances posted
RES_GRP_ENC_APPROVED	NULL	NUMBER	Resource group encumbrances approved
RES_GRP_ENC_PENDING	NULL	NUMBER	Resource group encumbrances pending
RES_GRP_ACTUAL_POSTED	NULL	NUMBER	Resource group actuals posted
RES_GRP_ACTUAL_APPROVED	NULL	NUMBER	Resource group actuals approved
RES_GRP_ACTUAL_PENDING	NULL	NUMBER	Resource group actuals pending
RES_GRP_RESULT_CODE	NULL	VARCHAR2(3)	Result code of funds checker at resource group level
RES_BUDGET_POSTED	NULL	NUMBER	Resource budget posted
RES_BUDGET_APPROVED	NULL	NUMBER	Resource budget approved
RES_BUDGET_PENDING	NULL	NUMBER	Resource budget pending
RES_ENC_POSTED	NULL	NUMBER	Resource encumbrances posted
RES_ENC_APPROVED	NULL	NUMBER	Resource encumbrances approved
RES_ENC_PENDING	NULL	NUMBER	Resource encumbrances pending
RES_ACTUAL_POSTED	NULL	NUMBER	Resource actuals posted
RES_ACTUAL_APPROVED	NULL	NUMBER	Resource actuals approved
RES_ACTUAL_PENDING	NULL	NUMBER	Resource actuals pending
RES_RESULT_CODE	NULL	VARCHAR2(3)	Result code of funds check at resource level
STATUS_FLAG	NULL	VARCHAR2(2)	Not currently used
RES_BUDGET_BAL	NULL	NUMBER	Resource level budget balance after funds check

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Column Descriptions (Continued)

Name	Null?	Type	Description
RES_GRP_BUDGET_BAL	NULL	NUMBER	Resource group level budget balance after funds check
TASK_BUDGET_BAL	NULL	NUMBER	Task level budget balance after funds check
TOP_TASK_BUDGET_BAL	NULL	NUMBER	Top task level budget balance after funds check
AWARD_BUDGET_BAL	NULL	NUMBER	Award level budget balance after funds check
GL_ROW_NUMBER	NULL	NUMBER	GL_BC_PACKETS row sequence number
BC_PACKET_ID	NULL	NUMBER	Budgetary control records unique identifier
PARENT_BC_PACKET_ID	NULL	NUMBER	Raw budgetary control record, which the burdened budgetary control record is associated with
BURDENABLE_RAW_COST	NULL	NUMBER	Amount of raw cost that is burdenable. Portion of raw cost that does not exceed maximum indirect base.
BUD_RESOURCE_LIST_MEMBER_ID	NULL	NUMBER(15)	Resource list member identifier for the record
BUD_TASK_ID	NULL	NUMBER(15)	Budgeted task identifier for the record
FUNDING_PATTERN_ID	NULL	NUMBER(15)	Funding pattern identifier for the record
FUNDING_SEQUENCE	NULL	NUMBER(15)	Sequence number within the funding pattern for the record
FP_STATUS	NULL	VARCHAR2(1)	Status of the funding pattern
R_FUNDS_CONTROL_LEVEL_CODE	NULL	VARCHAR2(1)	Funds control level code at resource level
RG_FUNDS_CONTROL_LEVEL_CODE	NULL	VARCHAR2(1)	Funds control level code at resource group level
T_FUNDS_CONTROL_LEVEL_CODE	NULL	VARCHAR2(1)	Funds control level code at task level
TT_FUNDS_CONTROL_LEVEL_CODE	NULL	VARCHAR2(1)	Funds control level code at top task level
A_FUNDS_CONTROL_LEVEL_CODE	NULL	VARCHAR2(1)	Funds control level code at award level
TOP_TASK_BUDGET_POSTED	NULL	NUMBER	Posted budget balance at top task
TOP_TASK_BUDGET_APPROVED	NULL	NUMBER	Budget balance at top task after approved transactions are posted
TOP_TASK_BUDGET_PENDING	NULL	NUMBER	Budget balance at top task after pending transactions
TOP_TASK_ENC_POSTED	NULL	NUMBER	Encumbrance amount already posted at top task level
TOP_TASK_ENC_APPROVED	NULL	NUMBER	Encumbrance amount approved but not posted at top task level
TOP_TASK_ENC_PENDING	NULL	NUMBER	Encumbrance amount pending for approval at top task level
TOP_TASK_ACTUAL_POSTED	NULL	NUMBER	Actual transaction amount already posted at top task level
TOP_TASK_ACTUAL_APPROVED	NULL	NUMBER	Actual transaction amount already approved but not posted at top task level
TOP_TASK_ACTUAL_PENDING	NULL	NUMBER	Actual transaction amount pending approval at top task level

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Column Descriptions (Continued)

Name	Null?	Type	Description
TOP_TASK_RESULT_CODE	NULL	VARCHAR2(3)	Funds check result code at top task level
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
BALANCE_POSTED_FLAG	NULL	VARCHAR2(1)	Flag indicating the transaction updated in Grants Accounting balance
BURDEN_POSTED_FLAG	NULL	VARCHAR2(1)	Flag indicating the burden posted to balances and summary tables

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_BC_PACKETS_N1	NOT UNIQUE	1	PACKET_ID
		2	EFFECT_ON_FUNDS_CODE
		3	ACCOUNT_TYPE
		4	AWARD_ID
		5	RESOURCE_LIST_MEMBER_ID
GMS_BC_PACKETS_N2	NOT UNIQUE	1	PROJECT_ID
		2	AWARD_ID
		3	TASK_ID
		4	RESOURCE_LIST_MEMBER_ID
		5	BUDGET_VERSION_ID
		6	SET_OF_BOOKS_ID
		7	ACCOUNT_TYPE
GMS_BC_PACKETS_N4	NOT UNIQUE	5	REQUEST_ID
GMS_BC_PACKETS_U1	UNIQUE	1	BC_PACKET_ID

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GMS_BILLING_CANCELLATIONS

GMS_BILLING_CANCELLATIONS stores cancelled or deleted revenue and billing amounts. Used for maintaining invoice or revenue amounts in Award Status Inquiry.

Column Descriptions

Name	Null?	Type	Description
AWARD_PROJECT_ID	NOT NULL	NUMBER(15)	Internal identifier of the project maintained for an award
EVENT_NUM	NOT NULL	NUMBER(15)	Event number of the deleted or cancelled billing event
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	Expenditure item identifier of the cancelled or deleted billing event distribution
ADL_LINE_NUM	NULL	NUMBER(15)	Award distribution line number of the expenditure item in the cancelled or deleted billing or revenue distribution.
BILL_AMOUNT	NULL	NUMBER(22,5)	Revenue or invoice amount of the event distribution
CALLING_PROCESS	NULL	VARCHAR2(15)	Process name describes whether the record is an invoice or revenue distribution
BURDEN_EXP_TYPE	NULL	VARCHAR2(30)	Expenditure type mapped to the indirect cost code
BURDEN_COST_CODE	NULL	VARCHAR2(30)	Indirect cost code
CREATION_DATE	NULL	DATE	Date of creation of the revenue or invoice
ACTUAL_PROJECT_ID	NULL	NUMBER(15)	Internal identifier of the sponsored project to which the event was assigned.
ACTUAL_TASK_ID	NULL	NUMBER(15)	Internal identifier of the task to which the cancelled billing event is assigned
EXPENDITURE_ORG_ID	NULL	NUMBER(15)	Expenditure organization
DELETION_DATE	NULL	DATE	Date on which the revenue or invoice was deleted
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER(15)	Resource list member identifier to which the billing event distribution is mapped to

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_BILLING_CANCELLATIONS_N1	NOT UNIQUE	1	EXPENDITURE_ITEM_ID
		2	ADL_LINE_NUM
		4	ACTUAL_PROJECT_ID
		6	ACTUAL_TASK_ID
		10	AWARD_PROJECT_ID
GMS_BILLING_CANCELLATIONS_N2	NOT UNIQUE	1	AWARD_PROJECT_ID
		4	ACTUAL_PROJECT_ID
		6	ACTUAL_TASK_ID

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GMS_BILLING_FORMS

GMS_BILLING_FORMS stores information about the billing forms.

Column Descriptions

Name	Null?	Type	Description
FORM_ID	NOT NULL	NUMBER(15)	Agency specific form identifier
FORM_NAME (PK)	NOT NULL	VARCHAR2(60)	User-friendly name for agency specific form
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of billing form
END_DATE_ACTIVE	NULL	DATE	Last effective date of billing form
DESCRIPTION	NULL	VARCHAR2(250)	Billing form description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_BILLING_FORMS_U1	UNIQUE	1	FORM_ID
GMS_BILLING_FORMS_U2	UNIQUE	1	FORM_NAME

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Sequences

Sequence	Derived Column
GMS_BILLING_FORMS_S	FORM_ID

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GMS_BUDGETARY_CONTROLS

GMS_BUDGETARY_CONTROLS stores budgetary control levels for an award project. Budgetary control levels can be Absolute, Advisory, or None.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_RESOURCE_LIST_MEMBERS	RESOURCE_LIST_MEMBER_ID	RESOURCE_LIST_MEMBER_ID
PA_TASKS	TASK_ID	TASK_ID

Column Descriptions

Name	Null?	Type	Description
BUDGETARY_CONTROLS_ID (PK)	NOT NULL	NUMBER(15)	Budgetary control defining column
PROJECT_ID	NOT NULL	NUMBER(15)	Project defining column
FUNDS_CONTROL_LEVEL_CODE	NOT NULL	VARCHAR2(1)	Funds control level codes for funds checking. A indicates Advisory, B indicates Absolute, and N indicates None.
AWARD_ID	NOT NULL	NUMBER(15)	Award defining column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
TOP_TASK_ID	NULL	NUMBER(15)	Not currently used
TASK_ID	NULL	NUMBER(15)	Task defining column
PARENT_MEMBER_ID	NULL	NUMBER(15)	Parent member defining column
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER(15)	Resource list defining column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_BUDGETARY_CONTROLS_U1	UNIQUE	1	BUDGETARY_CONTROLS_ID
GMS_BUDGETARY_CONTROLS_U2	UNIQUE	1	BUDGETARY_CONTROLS_ID
		2	PROJECT_ID
		3	AWARD_ID
		4	TASK_ID
		5	RESOURCE_LIST_MEMBER_ID

Sequences

Sequence	Derived Column
GMS_BUDGETARY_CONTROLS_S	BUDGETARY_CONTROLS_ID

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GMS_BUDGET_LINES

GMS_ BUDGET_LINES stores the detail information of a project or task budget, including the resource, time period, and budget amounts entered. The time period may be a Projects period, General Ledger period, or any user–defined period.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	PERIOD_NAME
GMS_RESOURCE_ASSIGNMENTS	RESOURCE_ASSIGNMENT_ID	RESOURCE_ASSIGNMENT_ID
PA_PERIODS_ALL	PERIOD_NAME	PERIOD_NAME

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	Identifier of the resource assignment of the budget line
START_DATE (PK)	NOT NULL	DATE	Start date of the budget line
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
END_DATE	NOT NULL	DATE	End date of the budget line
PERIOD_NAME	NULL	VARCHAR2(30)	Period of the budget line
QUANTITY	NULL	NUMBER	Quantity of the budget line
RAW_COST	NULL	NUMBER	Raw cost of the budget line
BURDENED_COST	NULL	NUMBER	Burdened cost of the budget line
REVENUE	NULL	NUMBER	Revenue of the budget line
CHANGE_REASON_CODE	NULL	VARCHAR2(30)	Reason to create the budget line
DESCRIPTION	NULL	VARCHAR2(255)	Description of the budget line
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield context field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
RAW_COST_SOURCE	NULL	VARCHAR2(2)	Not currently used
BURDENED_COST_SOURCE	NULL	VARCHAR2(2)	Not currently used
QUANTITY_SOURCE	NULL	VARCHAR2(2)	Not currently used
REVENUE_SOURCE	NULL	VARCHAR2(2)	Not currently used

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Column Descriptions (Continued)

Name	Null?	Type	Description
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	Identifier of the external project management system from which the budget was imported
PM_BUDGET_LINE_REFERENCE	NULL	VARCHAR2(25)	Identifier of the budget in the external project management system from which the budget was imported

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_BUDGET_LINES_N1	NOT UNIQUE	10	START_DATE
		20	END_DATE
GMS_BUDGET_LINES_U1	UNIQUE	10	RESOURCE_ASSIGNMENT_ID
		20	START_DATE

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GMS_BUDGET_VERSIONS

GMS_BUDGET_VERSIONS stores the versions of award budgets. There are three categories of budget versions: Draft, Baselined, and Original. For an award and budget type, there is one and only one draft budget. There can be many baselined budgets for an award and budget type. One baselined budget version is identified as the current budget and one as the original budget.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	FIRST_BUDGET_PERIOD
PA_BUDGET_ENTRY_METHODS	BUDGET_ENTRY_METHOD_CODE	BUDGET_ENTRY_METHOD_CODE
PA_BUDGET_TYPES	BUDGET_TYPE_CODE	BUDGET_TYPE_CODE
PA_PERIODS_ALL	PERIOD_NAME	FIRST_BUDGET_PERIOD
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	RESOURCE_LIST_ID
PER_ALL_PEOPLE_F	PERSON_ID	BASELINED_BY_PERSON_ID

Column Descriptions

Name	Null?	Type	Description
BUDGET_VERSION_ID (PK)	NOT NULL	NUMBER(15)	System-generated number that uniquely identifies the budget version
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project for which the budget is entered
AWARD_ID	NOT NULL	NUMBER(15)	Identifier of the award for which the budget is entered
BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	Type of budget
VERSION_NUMBER	NOT NULL	NUMBER(15)	Version number of the budget. For a draft budget, the version number is always 1, for a baselined budget this number is increased sequentially
BUDGET_STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of a budget.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who Column
CURRENT_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the budget version is the current baselined budget
ORIGINAL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the budget version was an original budget at any time
CURRENT_ORIGINAL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the budget version is the current original budget
RESOURCE_ACCUMULATED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the budget version is summarized by resource accumulation in the project summary amount
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Identifier of the resource list used by the budget version
VERSION_NAME	NULL	VARCHAR2(60)	Name of the budget version

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Column Descriptions (Continued)

Name	Null?	Type	Description
BUDGET_ENTRY_METHOD_CODE	NULL	VARCHAR2(30)	Method used to enter the budget version
BASELINED_BY_PERSON_ID	NULL	NUMBER(15)	Identifier of the person who baselined the budget
BASELINED_DATE	NULL	DATE	Baselined date of the budget version
CHANGE_REASON_CODE	NULL	VARCHAR2(30)	Reason to create this budget version
LABOR_QUANTITY	NULL	NUMBER	Number of labor hours budgeted for the project. This is a denormalized column which sums the quantities for all labor resources budgeted.
LABOR_UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Unit of measure of labor hours for the project. This is always set to Hours.
RAW_COST	NULL	NUMBER	Raw cost budget of the project. This is a denormalized column.
BURDENED_COST	NULL	NUMBER	Burdened cost budget of the project. This is a denormalized column.
REVENUE	NULL	NUMBER	Revenue budget of the project. This is a denormalized column.
DESCRIPTION	NULL	VARCHAR2(255)	Description of the budget version
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
FIRST_BUDGET_PERIOD	NULL	VARCHAR2(30)	First period for which to display amounts in budget matrix window
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	Identifier of the external project management system from which the budget was imported
PM_BUDGET_REFERENCE	NULL	VARCHAR2(25)	Identifier of the budget in the external project management system from which the budget was imported
WF_STATUS_CODE	NULL	VARCHAR2(30)	Column stores the workflow status code for Budget Approval workflows
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	Flag used for Project Analysis Collection Pack
PRC_GENERATED_FLAG	NULL	VARCHAR2(1)	For future use

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Column Descriptions (Continued)

Name	Null?	Type	Description
FC_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag used to indicate if funds checking is required or not for this budget
CONC_REQUEST_ID	NULL	NUMBER(15)	Concurrent request identifier for the submit or baseline process

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_BUDGET_VERSIONS_N1	NOT UNIQUE	1	CURRENT_FLAG
		2	PROJECT_ID
		3	BUDGET_TYPE_CODE
		4	RESOURCE_ACCUMULATED_FLAG
GMS_BUDGET_VERSIONS_N2	NOT UNIQUE	1	CURRENT_ORIGINAL_FLAG
		2	PROJECT_ID
		3	BUDGET_TYPE_CODE
		4	RESOURCE_ACCUMULATED_FLAG
GMS_BUDGET_VERSIONS_N3	NOT UNIQUE	1	ADW_NOTIFY_FLAG
		2	PROJECT_ID
		3	CURRENT_FLAG
GMS_BUDGET_VERSIONS_N4	NOT UNIQUE	5	AWARD_ID
GMS_BUDGET_VERSIONS_U1	UNIQUE	10	BUDGET_VERSION_ID
GMS_BUDGET_VERSIONS_U2	UNIQUE	10	PROJECT_ID
		15	AWARD_ID
		20	BUDGET_TYPE_CODE
		30	BUDGET_STATUS_CODE
		40	VERSION_NUMBER

Sequences

Sequence	Derived Column
GMS_BUDGET_VERSIONS_S	BUDGET_VERSION_ID

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GMS_BURDEN_ADJUSTMENTS_LOG

GMS_BURDEN_ADJUSTMENTS_LOG maintains the journal of burdenable raw cost adjustments done across expenditure items, invoice distribution, manual encumbrances, purchase order distribution, and purchase requisition distribution in order to maximize the burdenable raw cost by award and expenditure type.

Column Descriptions

Name	Null?	Type	Description
ADJUSTMENT_ID	NOT NULL	NUMBER(15)	Unique identifier for set of adjustments
LINE_NUM	NOT NULL	NUMBER(15)	Sequence of adjustments in a given set
DOCUMENT_HEADER_ID	NOT NULL	NUMBER(15)	Internal identifier of the transaction adjusted
DOCUMENT_DISTRIBUTION_ID	NOT NULL	NUMBER(15)	Distribution identifier of the source transaction
DOCUMENT_TYPE	NOT NULL	VARCHAR2(3)	Document type of the transaction adjusted
AMOUNT	NOT NULL	NUMBER(22,5)	Raw cost of the adjusting transaction
ADJ_BURDENABLE_AMOUNT	NOT NULL	NUMBER(22)	Burdenable amount of adjusting transaction
SOURCE_FLAG	NOT NULL	VARCHAR2(1)	Indicates the source of adjustments. Default value is Y.
AWARD_SET_ID	NOT NULL	NUMBER(15)	Reference number for the award distribution
ADL_LINE_NUM	NOT NULL	NUMBER(15)	Sequence number of the award distribution within a distribution set
AWARD_ID	NOT NULL	NUMBER	Internal identifier of award
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the adjustment transaction
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
POSTED_FLAG	NOT NULL	VARCHAR2(1)	Indicates status of posting adjustment transaction in balances

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_ADJ_PK	UNIQUE	5	ADJUSTMENT_ID
		10	LINE_NUM
GMS_DOC_KEY_IND	NOT UNIQUE	5	DOCUMENT_HEADER_ID
		10	DOCUMENT_DISTRIBUTION_ID
		15	DOCUMENT_TYPE

Sequences

Sequence	Derived Column
GMS_ADJUSTMENTS_ID_S	ADJUSTMENT_ID

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GMS_BURDEN_COMPONENTS

GMS_BURDEN_COMPONENTS stores the burden amounts by component for each raw expenditure item picked up during the revenue or billing process.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EVENTS	EVENT_NUM PROJECT_ID	EVENT_NUM AWARD_PROJECT_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REVENUE_ACCUMULATED	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
ACTUAL_PROJECT_ID	NULL	NUMBER(15)	Unique identifier of project against which raw transaction was recorded
ACTUAL_TASK_ID	NULL	NUMBER(15)	Unique identifier of task against which raw transaction was recorded
AMOUNT	NULL	NUMBER(22,5)	Burden amount
AWARD_PROJECT_ID	NOT NULL	NUMBER(15)	Unique identifier of award project
BURDEN_COST_CODE	NULL	VARCHAR2(30)	Burden or indirect cost code
BURDEN_EXP_TYPE	NULL	VARCHAR2(30)	Expenditure type mapped to burden cost code
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
EVENT_NUM	NULL	NUMBER(15)	Unique identifier of expenditure item processed for billing or revenue
EVENT_TYPE	NULL	VARCHAR2(30)	Event type of the event being created. Revenue indicates revenue generation events, and Invoice indicates billing events.
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Unique identifier of expenditure item processed for billing or revenue
EXPENDITURE_ORG_ID	NULL	NUMBER(15)	Unique identifier of organization to which raw transaction was charged
ADL_LINE_NUM	NOT NULL	NUMBER(15)	Award distribution line number
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
REQUEST_ID	NOT NULL	NUMBER(15)	Unique identifier of expenditure item processed for billing or revenue

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Column Descriptions (Continued)

Name	Null?	Type	Description
REVENUE_ACCUMULATED	NULL	VARCHAR2(1)	Flag indicates the revenue accumulation status for Award Status Inquiry
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER(15)	Resource list member identifier to which the burden component is mapped to

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_BURDEN_COMPONENTS_N1	NOT UNIQUE	2	EXPENDITURE_ITEM_ID
		4	BURDEN_COST_CODE
		6	EVENT_TYPE
GMS_BURDEN_COMPONENTS_N2	NOT UNIQUE	2	AWARD_PROJECT_ID
		4	REQUEST_ID
		6	EVENT_TYPE
GMS_BURDEN_COMPONENTS_N3	NOT UNIQUE	2	AWARD_PROJECT_ID
		4	EVENT_NUM
		6	EVENT_TYPE
		8	EXPENDITURE_ITEM_ID
		10	BURDEN_COST_CODE
GMS_BURDEN_COMPONENTS_U1	UNIQUE	2	AWARD_PROJECT_ID
		4	BURDEN_COST_CODE
		6	EVENT_TYPE
		8	EXPENDITURE_ITEM_ID
		10	ADL_LINE_NUM
		12	REQUEST_ID

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GMS_CONCURRENCY_CONTROL

GMS_CONCURRENCY_CONTROL stores the concurrency control information used by the Grants accounting processes

Column Descriptions

Name	Null?	Type	Description
PROCESS_NAME	NOT NULL	VARCHAR2(8)	Process in progress and have pre seeded data for process like funds control
PROCESS_KEY	NOT NULL	NUMBER(15)	Process key is a unique identifier value with in the process may be required to control across multiple commit points.
REQUEST_ID	NULL	NUMBER(22)	Concurrent process request identifier.
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_PROCESS_PK	UNIQUE	5	PROCESS_NAME
		10	PROCESS_KEY

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GMS_DEFAULT_REPORTS

GMS_DEFAULT_REPORTS stores information about the reports associated with an award. This table holds report frequency and report due dates, which are used to compute the reports due in the installment level.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
GMS_REPORT_TEMPLATES	REPORT_TEMPLATE_ID	REPORT_TEMPLATE_ID
RA_SITE_USES_ALL	SITE_USE_ID	SITE_USE_ID

Column Descriptions

Name	Null?	Type	Description
DEFAULT_REPORT_ID (PK)	NOT NULL	NUMBER(15)	Default report identifier. Used as blueprint to derive report for each installment.
REPORT_TEMPLATE_ID	NOT NULL	NUMBER(15)	Report template identifier
AWARD_ID	NOT NULL	NUMBER(15)	Award identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
FREQUENCY	NOT NULL	VARCHAR2(30)	Default report delivery frequency
DUE_WITHIN_DAYS	NOT NULL	NUMBER(15)	Date offset before report is due
SITE_USE_ID	NULL	NUMBER(15)	Identifier where report to be delivered
COPY_NUMBER	NOT NULL	NUMBER(15)	Number of copies to be delivered
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_DEFAULT_REPORTS_U1	UNIQUE	1	DEFAULT_REPORT_ID
GMS_DEFAULT_REPORTS_U2	UNIQUE	1	AWARD_ID
		2	REPORT_TEMPLATE_ID

Sequences

Sequence	Derived Column
GMS_DEFAULT_REPORTS_S	DEFAULT_REPORT_ID

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GMS_ENCUMBRANCES_ALL

GMS_ENCUMBRANCES_ALL stores the group of encumbrance items incurred by employees or organizations in an encumbrance batch. Encumbrance transactions can be manual encumbrances of encumbrances interfaced from Oracle Labor Distribution.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PO_VENDORS	VENDOR_ID	VENDOR_ID

Column Descriptions

Name	Null?	Type	Description
ENCUMBRANCE_ID	NOT NULL	NUMBER(15)	System-generated number that uniquely identifies the encumbrance
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
ENCUMBRANCE_STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of the encumbrance as it is entered and approved
ENCUMBRANCE_ENDING_DATE	NOT NULL	DATE	Last day of the encumbrance week period. All encumbrance items for the encumbrance must be on or before this encumbrance ending date. All timecard items must be within this encumbrance ending date period.
ENCUMBRANCE_CLASS_CODE	NOT NULL	VARCHAR2(2)	Classification of the encumbrance, indicating the type of items grouped into it
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	Identifier of the employee who incurred the charges. This column is always populated for labor and expense report charges and is not populated for supplier invoices. For usages, specifying employees who incurred the charges is optional.
INCURRED_BY_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization that incurred the charges. Column is populated for all charges except supplier invoices, where the organization is held at the expenditure item level, as each invoice distribution may have different organizations.
ENCUMBRANCE_GROUP	NULL	VARCHAR2(20)	Encumbrance group to which encumbrance belongs. This is only applicable for pre-approved encumbrances. This column is blank for online encumbrances.
CONTROL_TOTAL_AMOUNT	NULL	NUMBER(22,5)	User-entered control total of the encumbrance items for the encumbrance

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Column Descriptions (Continued)

Name	Null?	Type	Description
ENTERED_BY_PERSON_ID	NULL	NUMBER(9)	Identifier of the person who entered the encumbrance. This value is not populated for supplier invoice encumbrances.
DESCRIPTION	NULL	VARCHAR2(250)	Comment of the online encumbrances
INITIAL_SUBMISSION_DATE	NULL	DATE	Date on which the online encumbrance was initially submitted
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield context field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
PTE_REFERENCE	NULL	NUMBER(15)	Encumbrance identifier of the GMS_ENCUMBRANCES table in the local database for Oracle Personal Time and Expense
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency of the transaction
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Functional currency of the transaction
ACCT_RATE_DATE	NULL	DATE	Functional currency conversion rate date
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Functional currency conversion rate type
ACCT_EXCHANGE_RATE	NULL	NUMBER	Functional currency conversion exchange rate
ORIG_ENC_TXN_REFERENCE1	NULL	VARCHAR2(60)	Encumbrance identifier in external system or system reference. For Supplier invoices created in Oracle Payables, this holds the value of AP_INVOICESINVOICE_ID.
ORIG_ENC_TXN_REFERENCE2	NULL	VARCHAR2(60)	Additional column provided to group imported transactions into encumbrances
ORIG_ENC_TXN_REFERENCE3	NULL	VARCHAR2(60)	Additional column provided to group imported transactions into encumbrances

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORIG_USER_ENC_TXN_REFERENCE	NULL	VARCHAR2(60)	User reference for the encumbrance that may be populated for items imported into Projects via Transaction Import For Supplier Invoices. This holds the value of AP_INVOICESINVOICE_NUM. For timecards created via Oracle Self Service Time, this holds the value.
VENDOR_ID	NULL	NUMBER	Identifier of the supplier
OVERRIDING_APPROVER_PERSON_ID	NULL	NUMBER	For Oracle Self Service Time use only. The Overriding Approver to whom this timecard was sent for approval.
WF_STATUS_CODE	NULL	VARCHAR2(30)	This column stores the workflow status code for Self Service Time timecards.
TRANSFER_STATUS_CODE	NULL	VARCHAR2(1)	The status of the timecard as the timecard is transferred from Self Service Time to Oracle Projects
USER_BATCH_NAME	NULL	VARCHAR2(50)	Batch name for timecards entered through Self Service Time. Used to group timecards into batches through Transaction Import.

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_ENCUMBRANCE_N1	NOT UNIQUE	0	ENCUMBRANCE_GROUP
GMS_ENCUMBRANCE_U1	UNIQUE	0	ENCUMBRANCE_ID

Sequences

Sequence	Derived Column
GMS_ENCUMBRANCES_S	ENCUMBRANCE_ID

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GMS_ENCUMBRANCE_GROUPS_ALL

GMS_ENCUMBRANCE_GROUPS_ALL stores pre–approved encumbrance batches. Encumbrance batches can be for manual encumbrances or encumbrances interfaced from Oracle Labor Distribution.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_SYSTEM_LINKAGES	FUNCTION	SYSTEM_LINKAGE_FUNCTION

Column Descriptions

Name	Null?	Type	Description
ENCUMBRANCE_GROUP (PK)	NOT NULL	VARCHAR2(20)	User-defined name that uniquely identifies the encumbrance group
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
ENCUMBRANCE_GROUP_STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of the encumbrance group as it is entered, approved, and released for costing
ENCUMBRANCE_ENDING_DATE	NOT NULL	DATE	Last day of the encumbrance week period
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(30)	Classification of the encumbrance group that indicates what type of charges are entered for the group. All encumbrance items entered for the group have an encumbrance type defined with the same system linkage as the group system linkage.
CONTROL_COUNT	NULL	VARCHAR2(20)	User-entered control count of the encumbrance for the encumbrance group
CONTROL_TOTAL_AMOUNT	NULL	NUMBER(22,5)	User-entered control total of the encumbrances for the encumbrance group
DESCRIPTION	NULL	VARCHAR2(250)	Description of the encumbrance group. Upon entry of the encumbrance group, the description is defaulted to the type of encumbrances entered. Timecards, Expense Reports, and Usages.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
TRANSACTION_SOURCE	NULL	VARCHAR2(30)	Transaction source of the imported expenditures loaded by the Transaction Import process
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

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Indexes

Index Name	Index Type	Sequence	Column Name
GMS_ENCUBMBRACE_GROUPS_U1	UNIQUE	10	ENCUMBRANCE_GROUP

Sequences

Sequence	Derived Column
GMS_ENCUMBRANCE_GROUPS_S	ENCUMBRANCE_GROUP

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GMS_ENCUMBRANCE_ITEMS_ALL

GMS_ENCUMBRANCE_ITEMS_ALL stores the manual encumbrance transactions for a sponsored project by task, award, encumbrance type, and organization. Encumbrances are similar to expenditures except that encumbrances are allowed in currency only and cannot be billed or generate revenue. Encumbrances can be manual (pre–approved) or interfaced from Oracle Labor Distribution.

Column Descriptions

Name	Null?	Type	Description
ENCUMBRANCE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	System–generated number that uniquely identifies the encumbrance item
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
ENCUMBRANCE_ID	NOT NULL	NUMBER(15)	Identifier of the encumbrance to which the encumbrance item belongs
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the task to which the encumbrance item is charged
ENCUMBRANCE_ITEM_DATE	NOT NULL	DATE	Date on which the work occurred
ENCUMBRANCE_TYPE	NOT NULL	VARCHAR2(30)	Encumbrance type that classifies the type of work performed
ENC_DISTRIBUTED_FLAG	NOT NULL	VARCHAR2(1)	Encumbrance type that classifies the type of work performed
OVERRIDE_TO_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization that the cost and revenue for this item are charged to by a cost distribution override entered for the project. For supplier invoices, the encumbrance organization entered in Oracle Payables.
ADJUSTED_ENCUMBRANCE_ITEM_ID	NULL	NUMBER(15)	Identifier of the encumbrance item adjusted by this encumbrance item. Adjustment items are entered by users with negative amounts to fully reverse an item, or are system created to reverse a transferred item.
NET_ZERO_ADJUSTMENT_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the item is fully reversed or the item is one of the adjusting items that fully reverse another item. Generate Draft Invoice uses the flag to exclude fully reversed, uninvoiced items from a customer invoice.

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Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSFERRED_FROM_ENC_ITEM_ID	NULL	NUMBER(15)	Identifier of the encumbrance item from which this encumbrance item originated. This encumbrance item is the new item that is system created when an item is transferred and is charged to the new project/task.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield context field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield context field
ORIG_TRANSACTION_REFERENCE	NULL	VARCHAR2(30)	Only populated for encumbrance items created from transactions imported into Projects from an external system. The TRANSACTION_SOURCE and ORIG_TRANSACTION_REFERENCE columns together identify the encumbrance item created after import.
TRANSACTION_SOURCE	NULL	VARCHAR2(30)	Only populated for encumbrance items created from transactions imported into Projects from an external system. Used by Project's encumbrance item adjustment modules and costing programs to ensure the proper processing on imported items.
PROJECT_ID	NULL	NUMBER(15)	The project_id of the event that the encumbrance item is FIFO marked by
SOURCE_ENCUMBRANCE_ITEM_ID	NULL	NUMBER(15)	Only populated for related items created in Project's Labor Extensions. This number is the identifier of the source encumbrance item to which this item is related.

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Column Descriptions (Continued)

Name	Null?	Type	Description
JOB_ID	NULL	NUMBER(15)	Identifier of the job of an employee as of the encumbrance item date. Required for all items incurred by an employee. This may be used in the mapping of the transaction to a resource for project summary amounts.
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(3)	System linkage that classifies the encumbrance type in order to drive system processing for the items classified by the encumbrance type
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency code of the transaction
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Account currency code of the transaction
ACCT_RATE_DATE	NULL	DATE	Functional rate date for the transaction
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Functional rate type for the transaction
ACCT_EXCHANGE_RATE	NULL	NUMBER	Functional exchange rate for the transaction
ACCT_EXCHANGE_ROUNDING_LIMIT	NULL	NUMBER	Rounding limit for imported transaction
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project currency code of transaction
PROJECT_RATE_DATE	NULL	DATE	Project rate date for transaction
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Project rate type for transaction
PROJECT_EXCHANGE_RATE	NULL	NUMBER	Project exchange rate for transaction
DENOM_TP_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency code of the transfer price
DENOM_TRANSFER_PRICE	NULL	NUMBER	Transfer price in the transaction currency
PROJACCT_TRANSFER_PRICE	NULL	NUMBER	Transfer price in functional currency of the provider operating unit
AMOUNT	NULL	NUMBER(22,5)	Amount of the particular encumbrance item
ENCUMBRANCE_COMMENT	NULL	VARCHAR2(240)	Comments for encumbrance item
IND_COMPILED_SET_ID	NULL	NUMBER(15)	Ind Compiled set identifier for encumbrance
PA_DATE	NULL	DATE	Projects period end date for the encumbrance item
GL_DATE	NULL	DATE	General Ledger period end date for the encumbrance item
LINE_NUM	NULL	NUMBER	Reference line number stored in GMS_AWARD_DISTRIBUTIONS table for encumbrance item

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Column Descriptions (Continued)

Name	Null?	Type	Description
BURDEN_SUM_DEST_RUN_ID	NULL	NUMBER(15)	Burden summarization run identifier. Identifier identifies all the encumbrance items created by burden component summarization. This is used to identify all the cost distribution lines summarized together to create an encumbrance item.
BURDEN_SUM_SOURCE_RUN_ID	NULL	NUMBER(4)	Identifies group of Encumbrance Distribution Lines that were summarized to create summarized burden components encumbrance items (EI). The same run_id is populated in the EI table to identify all EI created during a run.
DENOM_RAW_AMOUNT	NULL	NUMBER	For future use
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	Not currently used
PERSON_ID	NULL	NUMBER(9)	Not currently used
ACCT_RAW_COST	NULL	NUMBER	Raw cost of the encumbrance item in accounting currency

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_ENCUMBRANCE_ITEMS_ALL_N1	NOT UNIQUE	5	ENCUMBRANCE_ID
GMS_ENCUMBRANCE_ITEMS_ALL_U1	UNIQUE	0	ENCUMBRANCE_ITEM_ID

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GMS_EVENT_ATTRIBUTE

GMS_EVENT_ATTRIBUTE stores additional information on billing events for mapping billing event information maintained in the PA_EVENTS table. It maintains a one–to–one relation for manual events entered for billing for awards.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EVENTS	PROJECT_ID EVENT_NUM	PROJECT_ID EVENT_NUM

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REVENUE_ACCUMULATED	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Stores award project identifier
EVENT_NUM	NULL	NUMBER(15)	Stores event number
INSTALLMENT_ID	NOT NULL	NUMBER(15)	Stores installment identifier against which event is charged
ACTUAL_PROJECT_ID	NULL	NUMBER(15)	Stores Project identifier to which related expenditures are charged
ACTUAL_TASK_ID	NULL	NUMBER(15)	Stores task identifier to which related expenditures are charged
BURDEN_COST_CODE	NULL	VARCHAR2(30)	Stores burden cost code of the related expenditure item
EXPENDITURE_ORG_ID	NULL	NUMBER(15)	Expenditure Organization identifier for the related expenditure item
BILL_AMOUNT	NULL	NUMBER(22,5)	Invoice amount on the event
REVENUE_AMOUNT	NULL	NUMBER(22,5)	Revenue amount on the event
WRITE_OFF_AMOUNT	NULL	NUMBER(22,5)	Amount written off the event, for invoices
CREATED_BY	NULL	NUMBER	Standard Who column
CREATED_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REVENUE_ACCUMULATED	NULL	VARCHAR2(1)	Flag indicating the revenue accumulated status in GMS_BALANCES
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER(15)	Resource list member identifier to which the billing event is mapped to
REQUEST_ID	NULL	NUMBER(15)	Concurrent process identifier which created the event
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type
EVENT_CALLING_PROCESS	NULL	VARCHAR2(30)	Calling process. Invoice or Revenue.

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Indexes

Index Name	Index Type	Sequence	Column Name
GMS_EVENT_ATTRIBUTE_N1	NOT UNIQUE	5	ACTUAL_PROJECT_ID
		10	ACTUAL_TASK_ID
		15	INSTALLMENT_ID
GMS_EVENT_ATTRIBUTE_U1	UNIQUE	5	PROJECT_ID
		10	EVENT_NUM
		15	INSTALLMENT_ID

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GMS_EVENT_INTERSECT

GMS_EVENT_INTERSECT holds information about the expenditure items that are processed for billing and revenue accrual under the cost distribution rule.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REVENUE_ACCUMULATED	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Unique identifier of expenditure item processed for billing or revenue
EVENT_NUM	NULL	NUMBER(15)	Event number of automatic event for the award project created as a result of expenditure item being processed
AMOUNT	NOT NULL	NUMBER(22,5)	Amount of expenditure item that is billed
REQUEST_ID	NOT NULL	NUMBER	Request identifier of the concurrent process that is processing expenditure item for billing or revenue. This, along with the project identifier, is used to update the event number and standard Who columns in the table.
EVENT_TYPE	NULL	VARCHAR2(15)	Event type of the event created. Revenue indicates revenue generation events and Invoice indicates billing events.
AWARD_PROJECT_ID	NOT NULL	NUMBER(15)	Award project unique identifier associated with the award for which billing or revenue is run
ADL_LINE_NUM	NOT NULL	NUMBER(15)	Award Distribution line number
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REVENUE_ACCUMULATED	NULL	VARCHAR2(1)	Flag indicating revenue accumulation status in balances

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_EVENT_INTERSECT_N1	NOT UNIQUE	1	AWARD_PROJECT_ID
		2	REQUEST_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
GMS_EVENT_INTERSECT_N2	NOT UNIQUE	2	AWARD_PROJECT_ID
		4	EVENT_NUM
		6	EXPENDITURE_ITEM_ID
		8	EVENT_TYPE
GMS_EVENT_INTERSECT_U1	UNIQUE	2	EXPENDITURE_ITEM_ID
		4	EVENT_NUM
		6	REQUEST_ID
		8	EVENT_TYPE
		10	AWARD_PROJECT_ID
		12	ADL_LINE_NUM

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GMS_FP_DISTRIBUTIONS

GMS_FP_DISTRIBUTIONS stores the funding pattern distribution details for each funding pattern. The distribution can be maintained as percentages across different awards for a sponsored project. The information will be used for automatically charging one transaction to different awards.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_FUNDING_PATTERNS_ALL	FUNDING_PATTERN_ID	FUNDING_PATTERN_ID

Column Descriptions

Name	Null?	Type	Description
FUNDING_PATTERN_ID (PK)	NOT NULL	NUMBER(15)	System generated identifier for a funding pattern
DISTRIBUTION_NUMBER	NULL	NUMBER(15)	Sequence number of the distribution in a funding pattern
AWARD_ID	NOT NULL	NUMBER(15)	Award identifier of the funding pattern distribution
DISTRIBUTION_VALUE	NOT NULL	NUMBER(3)	Percentage value of the distribution in the funding pattern
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_FP_DISTRIBUTIONS_U1	UNIQUE	5	FUNDING_PATTERN_ID
		10	AWARD_ID

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GMS_FUNDING_PATTERNS_ALL

GMS_FUNDING_PATTERNS_ALL stores the rule definition for charging transactions of a sponsored project to funding awards. Multiple funding pattern definitions can exist for a sponsored project.

Column Descriptions

Name	Null?	Type	Description
FUNDING_PATTERN_ID	NOT NULL	NUMBER(15)	System-generated identifier for a funding pattern
ORG_ID	NULL	NUMBER(15)	Multi-organization operating unit identifier to which the funding pattern belongs to
FUNDING_SEQUENCE	NOT NULL	NUMBER(15)	Sequence number for each entry in a funding pattern
FUNDING_NAME	NOT NULL	VARCHAR2(30)	User-defined name for funding pattern
RETROACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether the pattern is used for retroactive adjustments
PROJECT_ID	NOT NULL	NUMBER(15)	Project identifier for which the funding pattern is defined
TASK_ID	NULL	NUMBER(15)	Task identifier for which the funding pattern is defined
STATUS	NOT NULL	VARCHAR2(6)	Status indicating if the funding pattern is active or not
FUNDS_STATUS	NULL	VARCHAR2(1)	Status indicates the funds availability for a funding pattern
START_DATE	NOT NULL	DATE	Start date for the funding pattern is active
END_DATE	NULL	DATE	Start date for the funding pattern is active
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_FUNDING_PATTERNS_ALL_U1	UNIQUE	5	FUNDING_PATTERN_ID

Sequences

Sequence	Derived Column
GMS_FUNDING_PATTERN_S	FUNDING_PATTERN_ID

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GMS_IMPLEMENTATIONS_ALL

GMS_IMPLEMENTATIONS_ALL stores the user–defined award numbering method, the manual award numbering type, and the next available sequence–generated award number for setting up award implementation options.

Column Descriptions

Name	Null?	Type	Description
USER_DEFINED_AWARD_NUM_CODE	NOT NULL	VARCHAR2(25)	Identifier that stores whether the award numbering is manual or automatic
MANUAL_AWARD_NUM_TYPE	NULL	VARCHAR2(25)	Identifier that stores whether the manual award numbering type is numeric or alphanumeric
NEXT_AUTOMATIC_AWARD_NUMBER	NULL	NUMBER(15)	Next available automatic award number from designated sequence
AWARD_DISTRIBUTION_OPTION	NOT NULL	VARCHAR2(1)	Indicates implementation-specific distribution option for transactions . Transactions can be distributed to one award or many awards.
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
ENABLED	NOT NULL	VARCHAR2(1)	Flag used for enabling and disabling Grants Accounting extensions on all the modules for which Grants is integrated
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for a multiple organization

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_IMPLEMENTATIONS_U1	UNIQUE	1	ORG_ID

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GMS_IND_COST_CODES

GMS_IND_COST_CODES stores the additional information for each indirect cost code maintained in PA_IND_COST_CODES table. There is a one–to–one relation between PA_IND_COST_CODES and GMS_IND_COST_CODES.

Column Descriptions

Name	Null?	Type	Description
IND_COST_CODE	NOT NULL	VARCHAR2(30)	Indirect cost code
REPORT_DIRECT_FLAG	NULL	VARCHAR2(1)	Flag indicating if the indirect cost should be reported as direct costing the 1034 or 1035 reports.

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_IND_COST_CODE_U1	UNIQUE	5	IND_COST_CODE

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GMS_INSTALLMENTS

GMS_INSTALLMENTS stores the information about the installments, supplements, or amendments for a particular award, depending on the Type field of the GMS_INSTALLMENTS. A supplement is an extension of an installment, while an amendment is purely for documentation purposes and has no funding capability.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID

Column Descriptions

Name	Null?	Type	Description
INSTALLMENT_ID (PK)	NOT NULL	NUMBER(15)	Installment identifier
INSTALLMENT_NUM	NULL	VARCHAR2(15)	Installment number given by user
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
AWARD_ID	NULL	NUMBER(15)	Identifier for the award this installment belongs to
START_DATE_ACTIVE	NULL	DATE	First effective date of installment
END_DATE_ACTIVE	NULL	DATE	Last effective date of installment
CLOSE_DATE	NULL	DATE	Close date of installment
DIRECT_COST	NULL	NUMBER	Direct cost of installment
INDIRECT_COST	NULL	NUMBER	Indirect cost of installment
ACTIVE_FLAG	NULL	VARCHAR2(10)	Active status flag of installment. Immediate indicates Active and Deferred indicates Inactive.
TYPE	NULL	VARCHAR2(30)	Installment type. Possible values can be Award, Amendment, or Supplement.
ISSUE_DATE	NULL	DATE	Installment issue date
DESCRIPTION	NULL	VARCHAR2(250)	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_INSTALLMENTS_U1	UNIQUE	1	INSTALLMENT_ID
GMS_INSTALLMENTS_U2	UNIQUE	1	AWARD_ID
		2	INSTALLMENT_NUM

Sequences

Sequence	Derived Column
GMS_INSTALLMENTS_S	INSTALLMENT_ID

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GMS_NOTIFICATIONS

GMS_NOTIFICATIONS stores user_ids receiving notifications associated with different event types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_USER	USER_ID	USER_ID
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID

Column Descriptions

Name	Null?	Type	Description
AWARD_ID	NOT NULL	NUMBER(15)	Award identifier
EVENT_TYPE	NOT NULL	VARCHAR2(30)	Award event type, for which notification is sent
USER_ID	NOT NULL	NUMBER(15)	User identifier

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_NOTIFICATIONS_U1	UNIQUE	5	AWARD_ID
		10	EVENT_TYPE
		15	USER_ID

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GMS_PACKET_ARRIVAL_ORDER

GMS_PACKET_ARRIVAL_ORDER stores the sequence in which the packets arrived for funds checking. While funds checking a packet, the funds check process uses the information in this table to calculate the available budget balances.

Column Descriptions

Name	Null?	Type	Description
ARRIVAL_ORDER	NOT NULL	NUMBER(15)	System-generated sequence in which a packet arrived for funds checking
PACKET_ID	NOT NULL	NUMBER(15)	Unique identifier for a packet for funds checking
STATUS	NULL	VARCHAR2(1)	For future use

Sequences

Sequence	Derived Column
GMS_PACKET_ARRIVAL_S	ARRIVAL_ORDER

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GMS_PERSONNEL

GMS_PERSONNEL stores information about the personnel involved in a particular award.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

Column Descriptions

Name	Null?	Type	Description
AWARD_ID	NOT NULL	NUMBER(15)	Award identifier
PERSON_ID	NOT NULL	NUMBER(15)	Person identifier
AWARD_ROLE	NOT NULL	VARCHAR2(30)	Award role for the person
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
START_DATE_ACTIVE	NULL	DATE	First effective date of the person
END_DATE_ACTIVE	NULL	DATE	Last effective date of the person
PERSONNEL_ID (PK)	NOT NULL	NUMBER(15)	Personnel unique identifier
REQUIRED_FLAG	NULL	VARCHAR2(2)	Required flag

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_PERSONNEL_U1	UNIQUE	3	AWARD_ID
		6	PERSON_ID
		7	AWARD_ROLE
		9	START_DATE_ACTIVE

Sequences

Sequence	Derived Column
GMS_PERSONNEL_S	PERSONNEL_ID

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GMS_PROJECT_FUNDINGS

GMS_PROJECT_FUNDINGS stores the installment–funded projects and funding amount.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_SUMMARY_PROJECT_FUNDINGS	PROJECT_ID TASK_ID INSTALLMENT_ID	PROJECT_ID TASK_ID INSTALLMENT_ID
PA_PROJECT_FUNDINGS	PROJECT_FUNDING_ID	PROJECT_FUNDING_ID

Column Descriptions

Name	Null?	Type	Description
GMS_PROJECT_FUNDING_ID (PK)	NOT NULL	NUMBER	Project funding identifier for Oracle Grants Accounting
PROJECT_FUNDING_ID	NULL	NUMBER	Project funding identifier for Oracle Projects
PROJECT_ID	NOT NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
INSTALLMENT_ID	NOT NULL	NUMBER	Installment identifier
FUNDING_AMOUNT	NOT NULL	NUMBER	Funding amount
DATE_ALLOCATED	NOT NULL	DATE	Date on which funding allocated
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_PROJECT_FUNDINGS_N1	NOT UNIQUE	2	INSTALLMENT_ID
GMS_PROJECT_FUNDINGS_U1	UNIQUE	2	GMS_PROJECT_FUNDING_ID

Sequences

Sequence	Derived Column
GMS_PROJECT_FUNDINGS_S	GMS_PROJECT_FUNDING_ID

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GMS_PROJECT_TYPES

GMS_PROJECT_TYPES stores additional information on project types maintained in PA_PROJECT_TYPES. There is a one–to–one relation between PA_PROJECT_TYPES and GMS_PROJECT_TYPES.

Column Descriptions

Name	Null?	Type	Description
PROJECT_TYPE (PK)	NOT NULL	VARCHAR2(20)	Project type
SPONSORED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether the project type is sponsored or not

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GMS_REFERENCE_NUMBERS

GMS_REFERENCE_NUMBERS stores the references associated with a particular award. The user can define and describe as many references as needed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID

Column Descriptions

Name	Null?	Type	Description
AWARD_ID (PK)	NOT NULL	NUMBER(15)	Award identifier
TYPE (PK)	NOT NULL	VARCHAR2(30)	Reference type
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
VALUE	NULL	VARCHAR2(30)	Value of the reference
REQUIRED_FLAG	NULL	VARCHAR2(2)	Required flag

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_REFERENCE_NUMBERS_U1	UNIQUE	1	AWARD_ID
		2	TYPE

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GMS_REPORTS

GMS_REPORTS stores the installment level reports. The reports can be monthly, quarterly, annually, end of installment, or end of award.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_INSTALLMENTS	INSTALLMENT_ID	INSTALLMENT_ID
GMS_REPORT_TEMPLATES	REPORT_TEMPLATE_ID	REPORT_TEMPLATE_ID

Column Descriptions

Name	Null?	Type	Description
REPORT_ID (PK)	NULL	NUMBER(15)	Report identifier
INSTALLMENT_ID	NOT NULL	NUMBER(15)	Installment identifier
REPORT_TEMPLATE_ID	NOT NULL	NUMBER(15)	Report template identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
SITE_USE_ID	NULL	NUMBER(15)	Site code where report is to be delivered
COPY_NUMBER	NOT NULL	NUMBER(15)	Number of report copies to be sent out
FILED_BY	NULL	NUMBER(15)	Report filer name
DUE_DATE	NULL	DATE	Report due date
DATE_FILED	NULL	DATE	Date report filed
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_REPORTS_U1	UNIQUE	1	REPORT_ID
GMS_REPORTS_U2	NOT UNIQUE	1	INSTALLMENT_ID
		2	REPORT_TEMPLATE_ID
		3	REPORT_ID

Sequences

Sequence	Derived Column
GMS_REPORTS_S	REPORT_ID

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GMS_REPORT_TEMPLATES

GMS_REPORT_TEMPLATES stores the implementation–defined report templates. Report types can be agency specific, electronic data interchange, or other types defined by the user.

Column Descriptions

Name	Null?	Type	Description
REPORT_TEMPLATE_ID (PK)	NOT NULL	NUMBER(15)	Report template identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
REPORT_NAME	NOT NULL	VARCHAR2(60)	Report template name
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
TYPE	NOT NULL	VARCHAR2(30)	Report type
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
START_DATE_ACTIVE	NULL	DATE	First effective date
END_DATE_ACTIVE	NULL	DATE	Last effective date
TRANSACTION_NUMBER	NULL	NUMBER(15)	Report transaction number
AGENCY_SPECIFIC_FORM	NULL	VARCHAR2(60)	Agency specific form name of the report
DESCRIPTION	NULL	VARCHAR2(250)	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

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Indexes

Index Name	Index Type	Sequence	Column Name
GMS_REPORT_TEMPLATES_U1	UNIQUE	1	REPORT_TEMPLATE_ID
GMS_REPORT_TEMPLATES_U2	UNIQUE	1	REPORT_NAME

Sequences

Sequence	Derived Column
GMS_REPORT_TEMPLATES_S	REPORT_TEMPLATE_ID

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GMS_RESOURCE_ASSIGNMENTS

GMS_RESOURCE_ASSIGNMENTS stores the resource assignments for a budget version at a branch of a project's work breakdown structure. A user can enter a budget at project, top task, or lowest task levels.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_BUDGET_VERSIONS	BUDGET_VERSION_ID	BUDGET_VERSION_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_RESOURCE_LIST_MEMBERS	RESOURCE_LIST_MEMBER_ID	RESOURCE_LIST_MEMBER_ID
PA_TASKS	TASK_ID	TASK_ID

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	System-generated number that uniquely identifies the resource assignment
BUDGET_VERSION_ID	NOT NULL	NUMBER(15)	Identifier of the budget version that the resource is assigned to
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project that the resource is assigned to
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the task that the resource is assigned to. This is set to 0 if the budget is entered at the project level.
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	Identifier of the resource list member within the resource list that is assigned to the budget
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Unit of measure of the resource. This is a denormalized column.
TRACK_AS_LABOR_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the resource is a labor item. This is a denormalized column.

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_RESOURCE_ASSIGNMENTS_N2	NOT UNIQUE	10	TASK_ID
GMS_RESOURCE_ASSIGNMENTS_U1	UNIQUE	10	RESOURCE_ASSIGNMENT_ID
GMS_RESOURCE_ASSIGNMENTS_U2	UNIQUE	10	BUDGET_VERSION_ID
		20	PROJECT_ID
		30	TASK_ID
		40	RESOURCE_LIST_MEMBER_ID

Sequences

Sequence	Derived Column
GMS_RESOURCE_ASSIGNMENTS_S	RESOURCE_ASSIGNMENT_ID

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GMS_SUMMARY_PROJECT_FUNDINGS

GMS_SUMMARY_PROJECT_FUNDINGS stores the summarized funding amount information of the funded projects.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_INSTALLMENTS	INSTALLMENT_ID	INSTALLMENT_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

Column Descriptions

Name	Null?	Type	Description
INSTALLMENT_ID (PK)	NOT NULL	NUMBER	Installment identifier
PROJECT_ID (PK)	NOT NULL	NUMBER	Project identifier
TASK_ID (PK)	NULL	NUMBER	Task identifier
TOTAL_FUNDING_AMOUNT	NOT NULL	NUMBER	Total funding amount for a project and task
TOTAL_BILLED_AMOUNT	NULL	NUMBER	Total billed amount for a project and task
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
TOTAL_REVENUE_AMOUNT	NULL	NUMBER(22,5)	Total revenue amount for a project and task

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_SUMMARY_PROJECT_FUNDING_U1	NOT UNIQUE	2	PROJECT_ID
		4	TASK_ID
		6	INSTALLMENT_ID

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GMS_TC_CATEGORIES

GMS_TC_CATEGORIES stores the implementation–defined terms and condition categories of an award.

Column Descriptions

Name	Null?	Type	Description
CATEGORY_ID (PK)	NOT NULL	NUMBER(15)	Category identifier
NAME	NOT NULL	VARCHAR2(30)	Category name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_TC_CATEGORIES_U1	UNIQUE	1	CATEGORY_ID
GMS_TC_CATEGORIES_U2	UNIQUE	1	NAME

Sequences

Sequence	Derived Column
GMS_TERMS_CONDITIONS_S	CATEGORY_ID

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GMS_TERMS_CONDITIONS

GMS_TERMS_CONDITIONS stores the terms and conditions used by the award. The user defines both the categories and the terms and conditions as determined by the award.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_TC_CATEGORIES	CATEGORY_ID	CATEGORY_ID

Column Descriptions

Name	Null?	Type	Description
TERM_ID (PK)	NOT NULL	NUMBER(15)	Term identifier
CATEGORY_ID	NULL	NUMBER(15)	Category identifier
NAME	NOT NULL	VARCHAR2(30)	Terms and conditions name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description
START_DATE_ACTIVE	NULL	DATE	First effective date of terms and conditions
END_DATE_ACTIVE	NULL	DATE	Last effective date of terms and conditions

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_TERMS_CONDITIONS_U1	NOT UNIQUE	1	TERM_ID
GMS_TERMS_CONDITIONS_U2	UNIQUE	1	CATEGORY_ID
		2	NAME
GMS_TERMS_CONDITIONS_U3	UNIQUE	1	NAME
		2	TERM_ID

Sequences

Sequence	Derived Column
GMS_TERMS_CONDITIONS_S	TERM_ID

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GMS_TRANSACTION_INTERFACE_ALL

GMS_TRANSACTION_INTERFACE_ALL stores additional information on transactions to be interfaced to Grants Accounting for each transaction created in the PA_TRANSACTION_INTERFACE_ALL table.

Column Descriptions

Name	Null?	Type	Description
TXN_INTERFACE_ID	NOT NULL	NUMBER(15)	System-generated unique identifier for a transaction to be interfaced. This is same as the TXN_INTERFACE_ID in PA_TRANSACTION_INTERFACE_ALL.
BATCH_NAME	NOT NULL	VARCHAR2(10)	User-entered name for a grouping of expenditures in the interface table
TRANSACTION_SOURCE	NOT NULL	VARCHAR2(30)	Implementation-defined name used to classify the transaction by the type of expenditure incurred
EXPENDITURE_ENDING_DATE	NOT NULL	DATE	Date of the last day in the expenditure week. Projects uses this value to group transactions into expenditures. All items must be dated on or before their expenditure ending date.
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Date on which the transaction occurred
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Number identifying the project to which the transaction is charged
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Number identifying the task to which the transaction is charged
AWARD_ID	NOT NULL	NUMBER(15)	Number identifying the award to which transaction is charged
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type that classifies the kind of charge for the transaction
TRANSACTION_STATUS_CODE	NOT NULL	VARCHAR2(240)	System-defined status of the transaction as it is loaded into Projects
ORIG_TRANSACTION_REFERENCE	NOT NULL	VARCHAR2(30)	User-entered value used to identify the transaction in an external system from which the imported item originated
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installation
SYSTEM_LINKAGE	NULL	VARCHAR2(30)	System linkage or expenditure type class of a transaction
USER_TRANSACTION_SOURCE	NULL	VARCHAR2(80)	User reference for transaction source
TRANSACTION_TYPE	NULL	VARCHAR2(1)	Transaction type. E indicates Encumbrance, and A indicates Actuals.
BURDENABLE_RAW_COST	NULL	NUMBER(15)	Amount of raw cost eligible for burdening
FUNDING_PATTERN_ID	NULL	NUMBER(15)	Funding pattern identifier for the award distribution
CREATED_BY	NULL	NUMBER(15)	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_TXN_XFACE_N1	NOT UNIQUE	5	BATCH_NAME
		10	TRANSACTION_SOURCE
		15	TRANSACTION_STATUS_CODE
GMS_TXN_XFACE_U1	UNIQUE	5	TXN_INTERFACE_ID

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GMS_UNIQUE_IDENTIFIER_CONTROL

GMS_UNIQUE_IDENTIFIER_CONTROL stores the next automatic award number applied when using automatic award numbering. This value is used across all operating units in a multi–organization implementation that uses automatic award numbering.

Column Descriptions

Name	Null?	Type	Description
TABLE_NAME (PK)	NOT NULL	VARCHAR2(32)	Table name for which next identifier was defined
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
NEXT_UNIQUE_IDENTIFIER	NULL	NUMBER	Next identifier. Used to generate unique identifier for a table given in table name column.

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_UNIQUE_INDENTIFIER_CONT_U1	NOT UNIQUE	5	TABLE_NAME

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GMS_WF_PROCESSES

GMS_WF_PROCESSES stores versions of award and budget workflows. There could be many workflows for an award or budget. Typically, the entity_key2 column is used to differentiate between draft budget and baselined budget workflows. For draft budget workflows, the entity_key1 is the draft budget_version_identifier, and the entity_key2 column is zero. For baseline budget workflows, the entity_key1 is the draft budget_version_identifier, and the entity_key2 column is the baselined budget_version_identifier.

Column Descriptions

Name	Null?	Type	Description
WF_TYPE_CODE	NOT NULL	VARCHAR2(30)	Code indicates the workflow type.
ITEM_TYPE	NOT NULL	VARCHAR2(30)	Workflow item type
ITEM_KEY	NOT NULL	VARCHAR2(240)	Workflow item key
ENTITY_KEY1	NOT NULL	VARCHAR2(80)	Primary key of the entity for which the workflow is initiated
ENTITY_KEY2	NOT NULL	VARCHAR2(80)	Supplemental column for storing the primary key of the entity for which the workflow is initiated
DESCRIPTION	NULL	VARCHAR2(255)	Workflow description
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
GMS_WF_PROCESSES_U1	UNIQUE	1	WF_TYPE_CODE
		2	ITEM_TYPE
		3	ITEM_KEY
		4	ENTITY_KEY1
		5	ENTITY_KEY2

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