

Oracle® Projects

Technical Reference Manual

Release 11i

Volume 1

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# Oracle® Projects Technical Reference Manual

**RELEASE 11i  
VOLUME 1  
January 2000**

**ORACLE®**

Oracle® Projects Technical Reference Manual  
Release 11i

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# Introduction

**T**he *Oracle Projects Technical Reference Manual* provides the information you need to understand the underlying structure of Oracle Projects. After reading this manual, you should be able to convert your existing applications data, integrate your existing applications with Oracle Projects, and write custom reports for Oracle Projects, as well as read data that you need to perform other tasks.

This chapter introduces you to the *Oracle Projects Technical Reference Manual*, and explains how to use it.

---

# Introduction

At Oracle, we design and build applications using Oracle Designer, our systems design technology that provides a complete environment to support developers through all stages of a systems life cycle. Because we use a repository-based design toolset, all the information regarding the underlying structure and processing of our applications is available to us online. Using Oracle Designer, we can present this information to you in the form of a technical reference manual.

This *Oracle Projects Technical Reference Manual* contains detailed, up-to-date information about the underlying structure of Oracle Projects. As we design and build new releases of Oracle Projects, we update our Oracle Designer repository to reflect our enhancements. As a result, we can always provide you with an *Oracle Projects Technical Reference Manual* that contains the latest technical information as of the publication date. Note that after the publication date we may have added new indexes to Oracle Projects to improve performance.

## About this Manual

---

This manual describes the Oracle Applications Release 11i data model, as used by Oracle Projects; it discusses the database we include with a fresh install of Oracle Applications Release 11i. If you have not yet upgraded to Release 11i, your database may differ from the database we document in this book.

If you have upgraded from a previous release, you 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 Projects between releases. The *Oracle Applications Product Update Notes Release 11* manual describes the changes between Release 10.7 and Release 11, and the *Oracle Applications Product Update Notes Release 11i* manual describes the changes between Release 11 and Release 11i.

You can contact your Oracle representative to confirm that you have the latest technical information for Oracle Projects. You can also use *Oracle MetaLink* which is accessible through Oracle's Support Web Center ([http://www.oracle.com/support/elec\\_sup](http://www.oracle.com/support/elec_sup)).

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## Finding the Latest Information

The *Oracle Projects Technical Reference Manual* contains the latest information as of the publication date. For the latest information we

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encourage you to use Oracle*MetaLink* which is accessible through Oracle's Support Web Center ([http://www.oracle.com/support/elec\\_sup](http://www.oracle.com/support/elec_sup)).

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## Audience

The *Oracle Projects Technical Reference Manual* provides useful guidance and assistance to:

- Technical End Users
- Consultants
- Systems Analysts
- System Administrators
- Other MIS professionals

This manual assumes that you have a basic understanding of structured analysis and design, and of relational databases. It also assumes that you are familiar with Oracle Application Object Library and Oracle Projects. If you are not familiar with the above products, we suggest that you attend one or more of the training classes available through Oracle Education (see: Other Information Sources: page 1 – 8).

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## How This Manual is Organized

This manual contains two major sections, High-Level Design and Detailed Design.

### High-Level Design

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This section, Chapter 2, contains database diagrams and lists each database table and view that Oracle Projects uses. This chapter also has a list of modules.

### Detailed Design

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This section, Chapter 3, contains a detailed description of the Oracle Projects database design, including information about each database table and view you might need for your custom reporting or other data requirements.

---

## How to Use This Manual

The *Oracle Projects Technical Reference Manual* is a single, centralized source for all the information you need to know about the underlying structure and processing of Oracle Projects. For example, you can use this manual when you need to:

- Convert existing application data
- Integrate your Oracle Projects application with your other applications systems
- Write custom reports
- Define alerts against Oracle Applications tables
- Configure your Oracle Self-Service Web Applications
- Create views for decision support queries using query tools
- Create business views for Oracle Discoverer

You need not read this manual cover to cover. Use the table of contents and index to quickly locate the information you need.

---

### Example #1

Suppose you are designing a program to load customer agreements from your existing project accounting system into Oracle Projects. Your first step is to look at the Table List section of Chapter 2 for a table name resembling Customer Agreements. Keep in mind that Oracle Projects tables have intuitive names. While you are looking for table names that resemble Customer Agreements, you can also skim the short descriptions of each table to find one that mentions customer agreements.

Once you locate the correct table (PA\_AGREEMENTS\_ALL), you can refer to the Table and View Definitions section of Chapter 3 for a detailed description of the table and its columns. You can examine the column descriptions to ensure that your program uses correct column names and loads each column with appropriate data. Then you can look at the Database Diagrams section in Chapter 2 to identify the tables related to PA\_AGREEMENTS\_ALL. You can examine related table descriptions to ensure that your program maintains database integrity.

---

### Example #2

Suppose you are writing a sales commissions report that lists all employees who receive credit for project revenue in Oracle Projects.

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You should use the Table List in Chapter 2 to locate the table PA\_CREDIT\_RECEIVERS. Then you can examine the column descriptions in the Table and View Definitions section of Chapter 3 to learn what columns you should display in your report and how you should display them.

---

## How Not To Use This Manual

---

### Do not use this manual to plan modifications

You should not use this manual to plan modifications to Oracle Projects. Modifying Oracle Projects limits your ability to upgrade to future releases of your Oracle Projects application. In addition, it interferes with our ability to give you the high-quality support you deserve.

We have constructed Oracle Projects so that you can customize it to fit your needs without programming, and you can integrate it with your existing applications through interface tables. However, should you require program modifications, you should contact our support team (see: Other Information Sources: page 1 – 8). They can put you in touch with Oracle Services, the professional consulting organization of Oracle. Their team of experienced applications professionals can make the modifications you need while ensuring upward compatibility with future product releases.

---

### Do not write data into non-interface tables

Oracle reserves the right to change the structure of Oracle Applications tables, and to change the meaning of, add, or delete lookup codes and data in future releases. Do not write data directly into or change data in non-interface tables using SQL\*Plus or other programming tools because you risk corrupting your database and interfering with our ability to support you.

Moreover, this version of the *Oracle Projects Technical Reference Manual* does not contain complete information about the dependencies between Oracle Projects applications tables. Therefore, you should write data into only those tables we identify as interface tables. If you write data into other non-interface tables, you risk violating your data integrity since you might not fulfill all the data dependencies in your Oracle Projects application.

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

### **Do not rely on upward compatibility of the data model**

---

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

---

## **About Oracle Application Object Library**

The *Oracle Projects Technical Reference Manual* may contain references to tables that belong to Oracle Application Object Library. Oracle Application Object Library is a collection of pre-built application components and facilities for building Oracle Applications and extensions to Oracle Applications. Oracle Application Coding Standards use the Oracle Application Object Library and contains shared components including but not limited to -- forms, subroutines, concurrent programs and reports, database tables and objects, messages, menus, responsibilities, flexfield definitions and online help.



**Attention:** Oracle does not support *any* customization of Oracle Application Object Library tables or modules, not even by Oracle consultants. (Oracle Application Object Library tables generally have names beginning with FND\_%.)

Accordingly, this manual does not contain detailed information about most Oracle Application Object Library tables used by Oracle Projects.

---

## **A Few Words About Terminology**

The following list provides you with definitions for terms that we use throughout this manual:

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## **Relationship**

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A relationship describes any significant way in which two tables may be associated. For example, rows in the Journal Headers table may have a one-to-many relationship with rows in the Journal Lines table.

## **Database Diagram**

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

## **Module**

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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 reports, and subroutines.

## **Application Building Block**

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An application building block is a set of tables and modules (forms, reports, and concurrent programs) that implement closely-related database objects and their associated processing. Said another way, an application building block is a logical unit of an application.

## **QuickCodes**

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QuickCodes let you define general purpose, static lists of values for window fields. QuickCodes allow you to base your program logic on lookup codes while displaying user-friendly names in a list of values window. QuickCodes simplify name and language changes by letting you change the names your end users see, while the codes in your underlying programs remain the same.

## **Form**

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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 General Ledger includes the Enter Journals window, the Batch window, and the More Actions window among others. The Enter Journals window is the main window, and from it, you can use buttons 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 you open directly from the Navigator.

---

## Other Information Sources

There are additional information sources, including other documentation, training and support services, that you can use to increase your knowledge and understanding of Oracle Designer, Oracle Application Object Library, and Oracle Projects. We want to make these products easy for you and your staff to understand and use.

---

### Oracle Designer Online Documentation

The online help for Oracle Designer describes how you can use Oracle Designer for your development needs.

---

### Oracle Applications Developer's Guide

This guide contains the coding standards followed by the Oracle Applications development staff. It describes the Oracle Application Object Library components needed to implement the Oracle Applications user interface described in the *Oracle Applications User Interface Standards*. It also provides information to help you build your custom Developer forms so that they integrate with Oracle Applications.

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### Oracle Applications User Interface Standards

This manual contains the user interface (UI) standards followed by the Oracle Applications development staff. It describes the UI for the Oracle Applications products and how to apply this UI to the design of an application built using Oracle Forms 6.

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### Oracle Projects User's Guide

Your user guide provides you with all the information you need to use your Release 11i Oracle Projects application. Each user guide is organized for fast, easy access to detailed information in a function- and task-oriented organization.

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### Oracle Global Financial Applications Technical Reference Manual

This manual describes additional tables and views that have been added to support features that meet statutory requirements and common business practices in your country or region. The Appendix of this manual also describes how the GLOBAL\_ATTRIBUTE columns of your base product tables are used in your country or region.



## **Country-Specific Manuals**

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Use these manuals to meet statutory requirements and common business practices in your country or region. They also describe additional features added to Oracle Projects to meet those requirements. Look for a user guide appropriate to your country; for example, see the *Oracle Financials for the Czech Republic User Guide* for more information about using this software in the Czech Republic.

## **Oracle Self-Service Web Applications Online Documentation**

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This documentation describes how Oracle Self-Service Web Applications enable companies to provide a self-service and secure Web interface for employees, customers, and suppliers. Employees can change their personal status, submit expense reports, or request supplies. Customers can check on their orders, and suppliers can share production schedules with their trading partners. This documentation is available in HTML only.

## **Oracle Applications Flexfields Guide**

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This guide provides flexfields planning, setup and reference information for the Oracle Projects implementation team, as well as for users responsible for the ongoing maintenance of Oracle Applications product data. This manual also provides information on creating custom reports on flexfields data.

## **Oracle Workflow Guide**

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This manual explains how to define new workflow business processes as well as customize existing Oracle Applications-embedded workflow processes. You also use this guide to complete the setup steps necessary for any Oracle Applications product that includes workflow-enabled processes.

## **Oracle Alert User Guide**

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This manual explains how to define periodic and event alerts to monitor the status of your Oracle Applications data.

## **Multiple Reporting Currencies in Oracle Applications**

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If you use the Multiple Reporting Currencies feature to report and maintain accounting records in more than one currency, use this manual before implementing Oracle Projects. This manual details

additional steps and setup considerations for implementing Oracle Projects with this feature.

---

### **Multiple Organizations in Oracle Applications**

---

If you use the Oracle Applications Multiple Organization Support feature to use multiple sets of books for one Oracle Projects installation, use this guide to learn about setting up and using Oracle Projects with this feature. This book describes the Oracle Applications organization model, which defines business units and the relationships between them in an arbitrarily complex enterprise. Functional and technical overviews of multiple organizations are presented, as well as information about how to set up and implement this feature set in the relevant Oracle Applications products.

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### **Oracle Financials Open Interfaces Guide**

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This book contains a brief summary of all open interface discussions in all Oracle Financial Applications user guides.

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### **Oracle Manufacturing, Distribution, Sales and Service Open Interfaces Manual**

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This manual contains up-to-date information about integrating with other Oracle Manufacturing applications and with your other systems. This documentation includes open interfaces found in Oracle Manufacturing.

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### **Oracle Applications Messages Manual**

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The Oracle Applications Messages Manual contains the text of numbered error messages in Oracle Applications. (Oracle Applications messages begin with the prefix "APP-".) It also provides information on the actions you take if you get a message. Note: This manual is available only in HTML format.

## **Installation and System Administration**

---

### **Oracle Applications Installation Release Notes**

---

This manual contains a road map to the components of the release, including instructions about where to access the Release 11i documentation set.

## **Oracle Applications Concepts**

---

Designed to be the first book the user reads to prepare for an installation of Oracle Applications. It explains the technology stack, architecture, features and terminology for Oracle Applications Release 11i. This book also introduces the concepts behind and major uses of Applications-wide features such as MRC, BIS, languages and character sets (NLS, MLS), BIS, Self-Service Web Applications and so on.

## **Installing Oracle Applications**

---

Describes the One-Hour Install process, the method by which Release 11i will be installed. This manual includes all how-to steps, screen shots and information about Applications-wide post-install tasks.

## **Using the AD Utilities**

---

This manual contains how-to steps, screen shots and other information required to run the various AD utilities such as AutoInstall, AutoPatch, AD Administration, AD Controller, Relink and so on. It also contains information about when and why you should use these utilities.

## **Upgrading Oracle Applications**

---

This manual contains all the product specific pre- and post-upgrade steps that are required to upgrade products from Release 10.7 (NCA, SC and character-mode) or Release 11 of Oracle Applications. This manual also contains an overview chapter that describes all the tasks necessary to prepare and complete a upgrade of Oracle Applications.

## **Oracle Applications System Administrator's Guide**

---

This manual provides planning and reference information for the Oracle Applications System Administrator. It contains information on how to define security, customize menus and manage concurrent processing.

## **Oracle Applications Product Update Notes**

---

This book contains a summary of each new feature we added since Release 11, as well as information about database changes and seed data changes that may affect your operations or any custom reports you have written. If you are upgrading from Release 10.7 you also need to read *Oracle Applications Product Update Notes Release 11*.

## **Oracle Self-Service Web Applications Implementation Manual**

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This manual describes the setup steps for Oracle Self-Service Web Applications and the Web Applications Dictionary.

## **Oracle Applications Implementation Wizard User Guide**

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If you are implementing more than one Oracle product, you can use the Oracle Applications Implementation Wizard to coordinate your setup activities. This guide describes how to use the wizard.

## **Other Information**

### **Training**

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Oracle Education offers a complete set of training courses to help you and your staff master Oracle Applications. We can help you develop a training plan that provides thorough training for both your project team and your end users. We will work with you to organize courses appropriate to your job or area of responsibility.

Training professionals can show you how to plan your training throughout the implementation process so that the right amount of information is delivered to key people when they need it the most. You can attend courses at any one of our many Educational Centers, or you can arrange for our trainers to teach at your facility. In addition, we can tailor standard courses or develop custom courses to meet your needs.

### **Support**

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From on-site support to central support, our team of experienced professionals provides the help and information you need to keep Oracle Projects working for you. This team includes your Technical Representative, Account Manager, and Oracle's large staff of consultants and support specialists with expertise in your business area, managing an Oracle server, and your hardware and software environment.

---

## 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 more than 75 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.

---

## Thank You

Thanks for using Oracle Projects and this technical reference manual!

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# High-Level Design

**T**his chapter presents a high-level design for Oracle Projects that satisfies the business needs we specify during Strategy and Analysis. It contains database diagrams for Oracle Projects application building blocks, lists of database tables and views, and a list of modules.

---

## Overview of High-Level Design

During High-Level Design, we define the application components (tables, views, and modules) we need to build our application. We specify what application components should do without specifying the details of *how* they should do it.

You can refer to this High-Level Design chapter to quickly acquaint yourself with the tables, views, and modules that comprise Oracle Projects applications. And, you can prepare yourself to understand the detailed design and implementation of Oracle Projects.

---

## Database Diagrams

The Database Diagrams section graphically represents all Oracle Projects applications tables and the relationships between them, organized by building block.

Use this section to quickly learn what tables each Oracle Projects application building block uses, and how those tables interrelate. Then, you can refer to the Table and View Definitions sections of Chapter 3 for more detailed information about each of those tables.

---

## Table Lists

The Table List sections list the Oracle Projects applications tables. 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

---

Use the Public Table List section to quickly identify the tables you are most interested in. Then, you can refer to the Table and View Definitions sections of Chapter 3 for more detailed information about those tables.

In addition, this manual may contain full documentation for one or more of the following Application Object Library tables: FND\_DUAL, FND\_CURRENCIES, and FND\_COMMON\_LOOKUPS.



## **Internal Tables**

---

This section includes a list of private, internal tables used by Oracle Projects; we do not provide additional documentation for these tables.

---

## **View Lists**

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

Use this section to quickly identify the views you are most interested in. Then, you can refer to the Table and View Definitions sections of Chapter 3 for more detailed information about those views.

### **Public Views**

---

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

### **Web Views**

---

This section lists views that you may need to configure your Self-Service Web applications. The list includes a description of the view, and the page in Chapter 3 that gives detailed information about the web view.

### **Internal Views**

---

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

### **Single-Organization Views**

---

This section lists the Oracle Projects views that we 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 Projects.

## **Multiple Reporting Currency Views**

---

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

---

## **Module List**

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

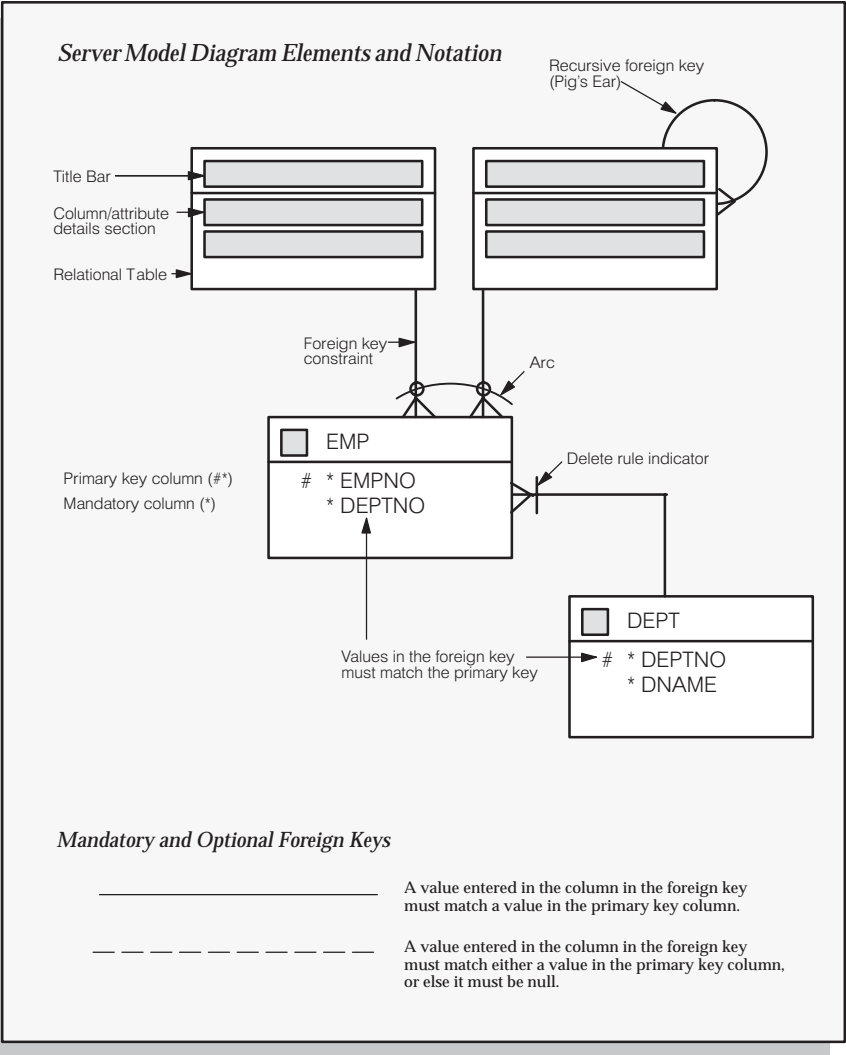
A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle General Ledger includes the Enter Journals window, the Batch window, and the More Actions window. The Enter Journals window is the main window, and from it, you can use buttons 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 you can open directly from the Navigator.

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

# Database Diagramming Conventions

We use the following notational conventions in our database diagrams:

Figure 2 – 1  
Database Diagram  
Conventions



**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** – 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** – 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 above diagram, indicates that this action is restricted.

**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.

---

## Database Diagrams

This section graphically represents all Oracle Projects tables and the relationships between them, organized by building block. Use this section to quickly learn what tables each Oracle Projects application building block uses, and how these tables interrelate. Then, you can 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 Projects application building blocks:

- Diagram 1: Implementation Options
- Diagram 2: Expenditure Implementation
- Diagram 3: AutoAccounting
- Diagram 4: Bill Rates
- Diagram 5: Multiple Invoice Formats
- Diagram 6: Project and Task Definition
- Diagram 7: Budgets
- Diagram 8: Funding
- Diagram 9: Pre-Approved Expenditures Entry and Costing
- Diagram 10: Online Expenditures Entry and Costing
- Diagram 11: Burdening Implementation
- Diagram 12: Burden Transaction Processing
- Diagram 13: Capital Projects
- Diagram 14: Revenue and Invoices
- Diagram 15: Revenue Transfer Auditability
- Diagram 16: Cost Transfer Auditability
- Diagram 17: Resources and Summarization
- Diagram 18: Billing Extensions
- Diagram 19: Allocations

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

---

**Diagram 1: Implementation Options**

---

Diagram 1 shows the tables and relationships that store and manage key information about the configuration of your Oracle Projects installation.

---

**Diagram 2: Expenditure Implementation**

---

Diagram 2 shows the tables and relationships that store user-defined and system-defined classifications of expenditures (costs). Oracle Projects uses these classifications to determine the method for processing expenditures.

---

**Diagram 3: AutoAccounting**

---

Diagram 3 shows the tables and relationships used by AutoAccounting. This Oracle Projects feature uses user-defined rules and parameters to determine the correct chart of accounts segment values for different types of transactions.

---

**Diagram 4: Bill Rates**

---

Diagram 4 shows the tables and relationships that store non-labor and labor bill rates. You can define bill rates on many levels, such as project overrides, task overrides, and the standard bill rate schedules. Oracle Projects uses a system-defined hierarchy to determine the correct bill rate when bill rates for the same item exist on more than one level.

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**Diagram 5: Multiple Invoice Formats**

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Diagram 5 shows the tables and relationships that store invoice formats.

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**Diagram 6: Project and Task Definition**

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Diagram 6 shows the tables and relationships that store the configuration elements and defaults assigned to projects and tasks during project setup, such as customers and contacts, billing and revenue accrual information, and project players.

### **Diagram 7: Budgets**

Diagram 7 shows the tables and relationships that store time-phased budgets for projects and tasks. You can enter budgets at the project, top task, or lowest task level.

### **Diagram 8: Funding**

Diagram 8 shows the linkage of customer agreements to projects via the allocation of funds from an agreement to a project or task. It also shows the tables and relationships that store customer agreements, agreement terms, and invoice format information.

### **Diagram 9: Pre-Approved Expenditures Entry and Costing**

Diagram 9 shows the tables and relationships that store expenditures entered as pre-approved expenditures. Pre-approved expenditures include usages, expense reports, and timecards. This diagram also shows the tables that Oracle Projects programs use to distribute costs for pre-approved expenditures.

### **Diagram 10: Online Expenditures Entry and Costing**

Diagram 10 shows the tables and relationships that store timecard expenditures entered by the person who incurred them. These expenditures are reviewed and approved on-line by the employee's supervisor. This diagram also shows the tables that the Distribute Labor Costs program uses to distribute costs for online expenditures, which are the same as those used for pre-approved timecards.

### **Diagram 11: Burdening Implementation**

Diagram 11 shows the implementation tables and relationships used to calculate burdened costs by applying burden cost rates to raw costs.

### **Diagram 12: Burden Transaction Processing**

Diagram 12 shows how transactions are burdened and how summarized burden transactions are created.

### **Diagram 13: Capital Projects**

Diagram 13 shows the tables and relationships used to account for capital projects processing.

#### **Diagram 14: Revenue and Invoices**

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Diagram 14 shows the tables and relationships that store draft revenue and draft invoices, including detail items.

#### **Diagram 15: Revenue Transfer Auditability**

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Diagram 15 shows the tables and relationships used to audit revenue transactions transferred to General Ledger.

#### **Diagram 16: Cost Transfer Auditability**

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Diagram 16 shows the tables and relationships used to audit cost transactions transferred out of or into Oracle Projects.

#### **Diagram 17: Resources and Summarization**

---

Diagram 17 shows the tables and relationships used to summarize project actuals, budgets, and commitments.

#### **Diagram 18: Billing Extensions**

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Diagram 18 shows the tables and relationships used to implement company-specific billing methods.

#### **Diagram 19: Allocations**

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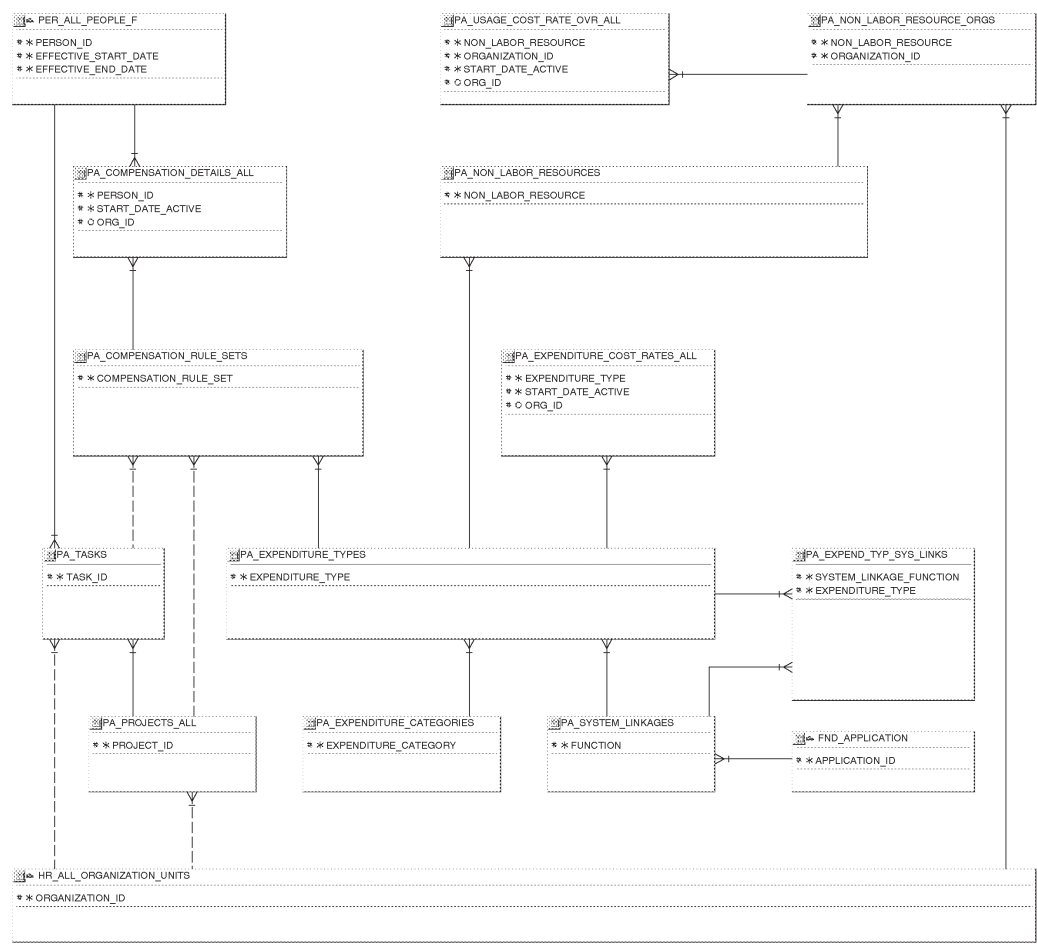
Diagram 19 shows the tables and relationships used to allocate amounts between projects and tasks.



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## Diagram 2: Expenditure Implementation



## Diagram 3: AutoAccounting

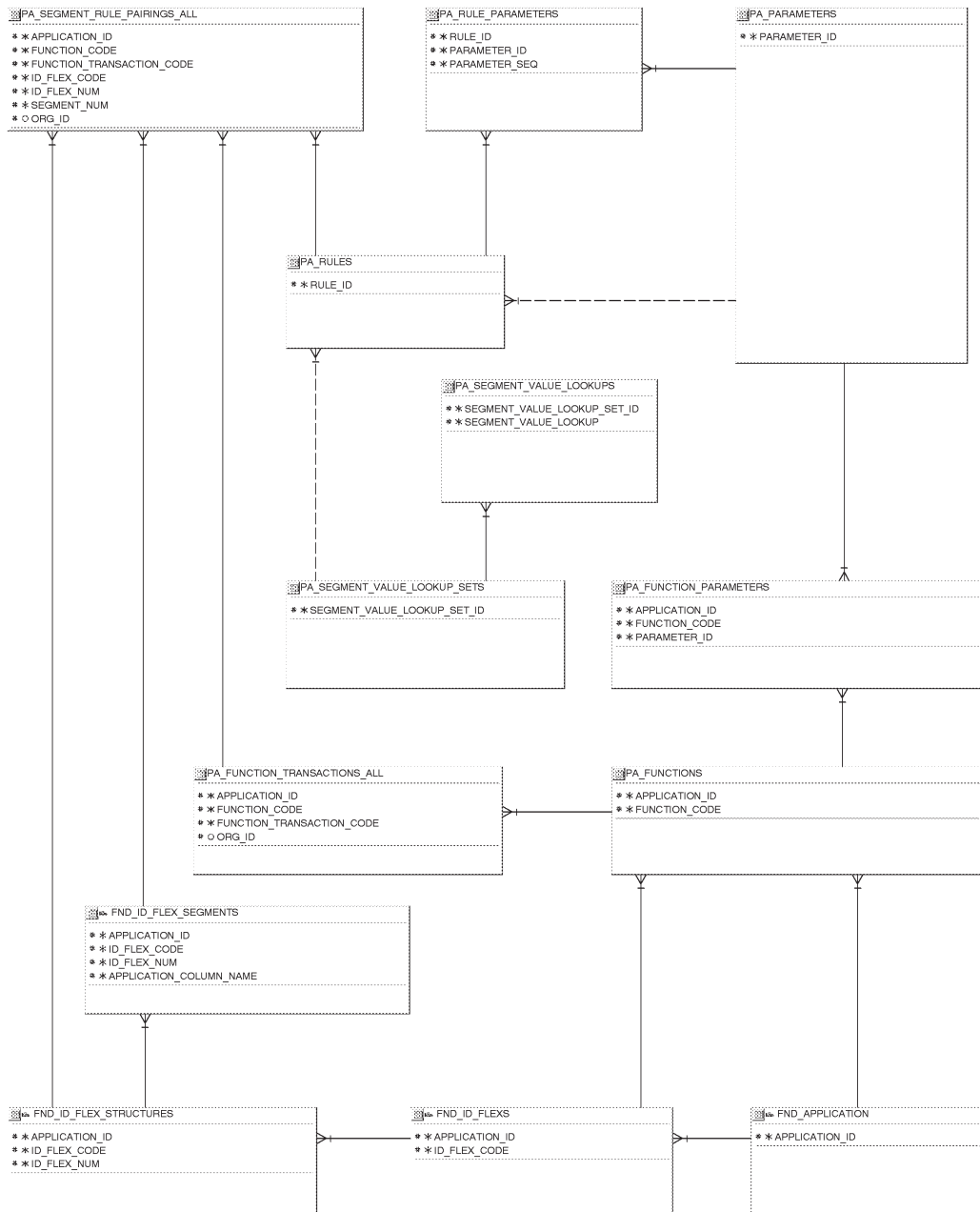
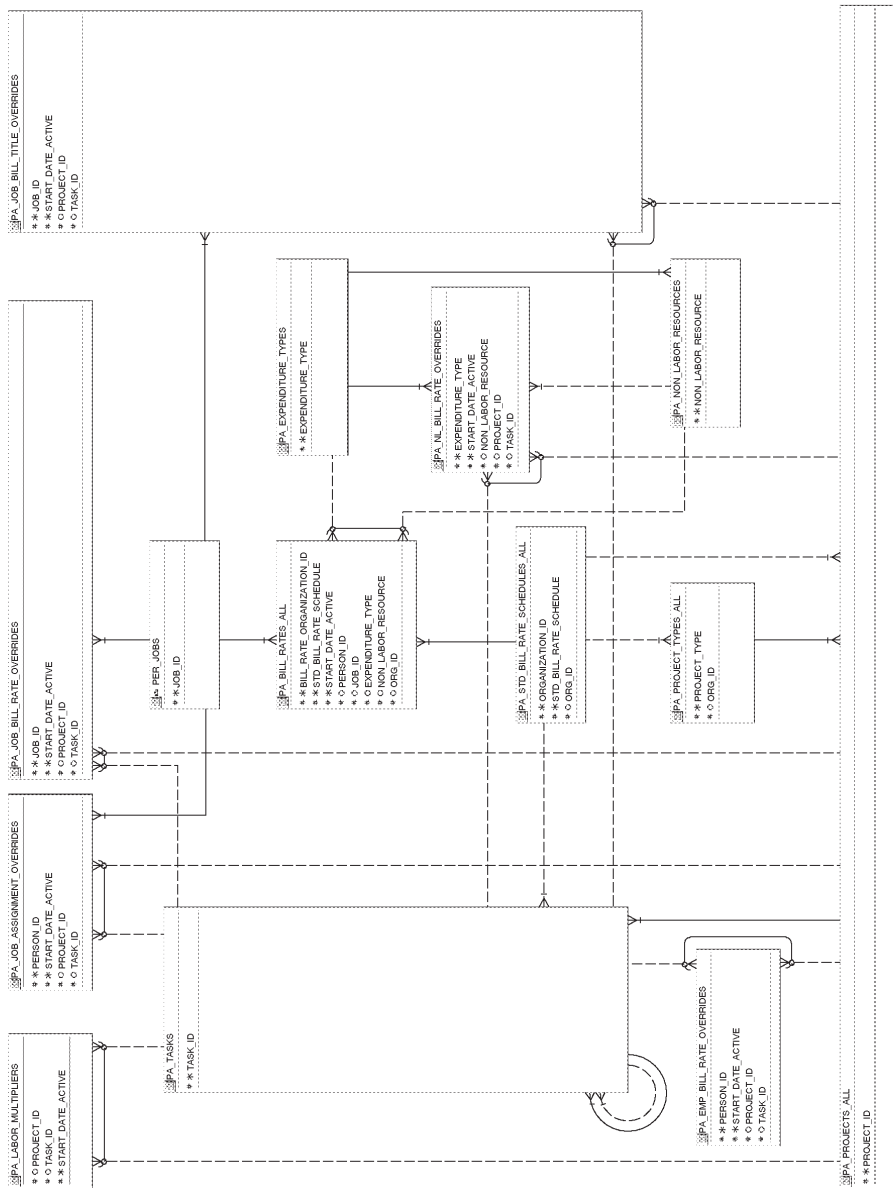
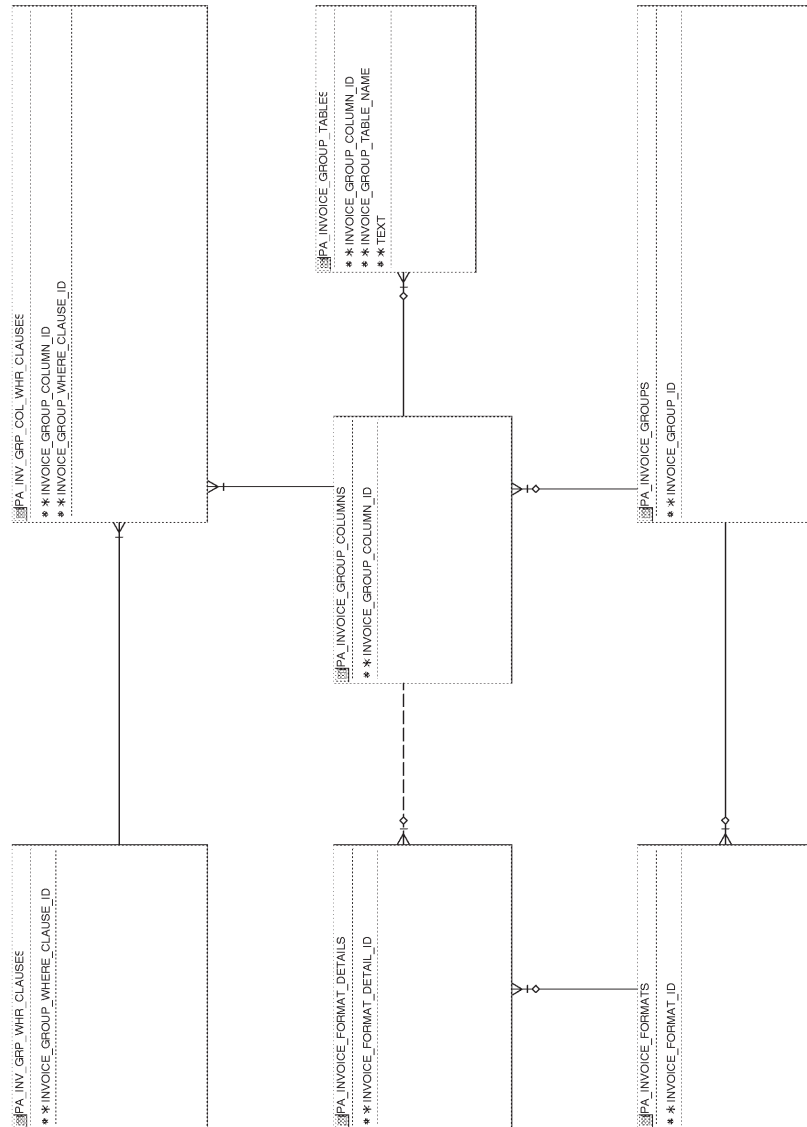


Diagram 4: Bill Rates



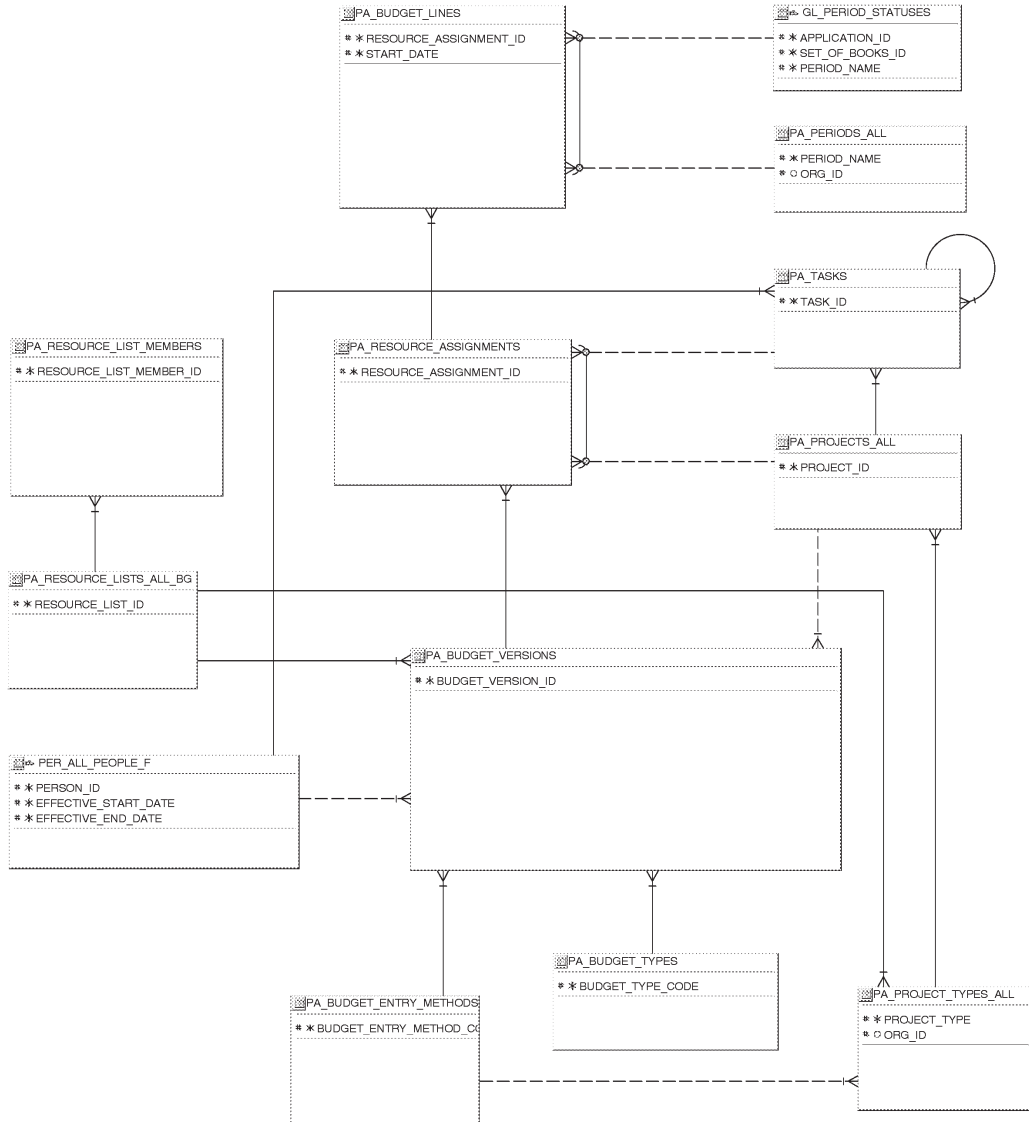
## Diagram 5: Multiple Invoice Formats



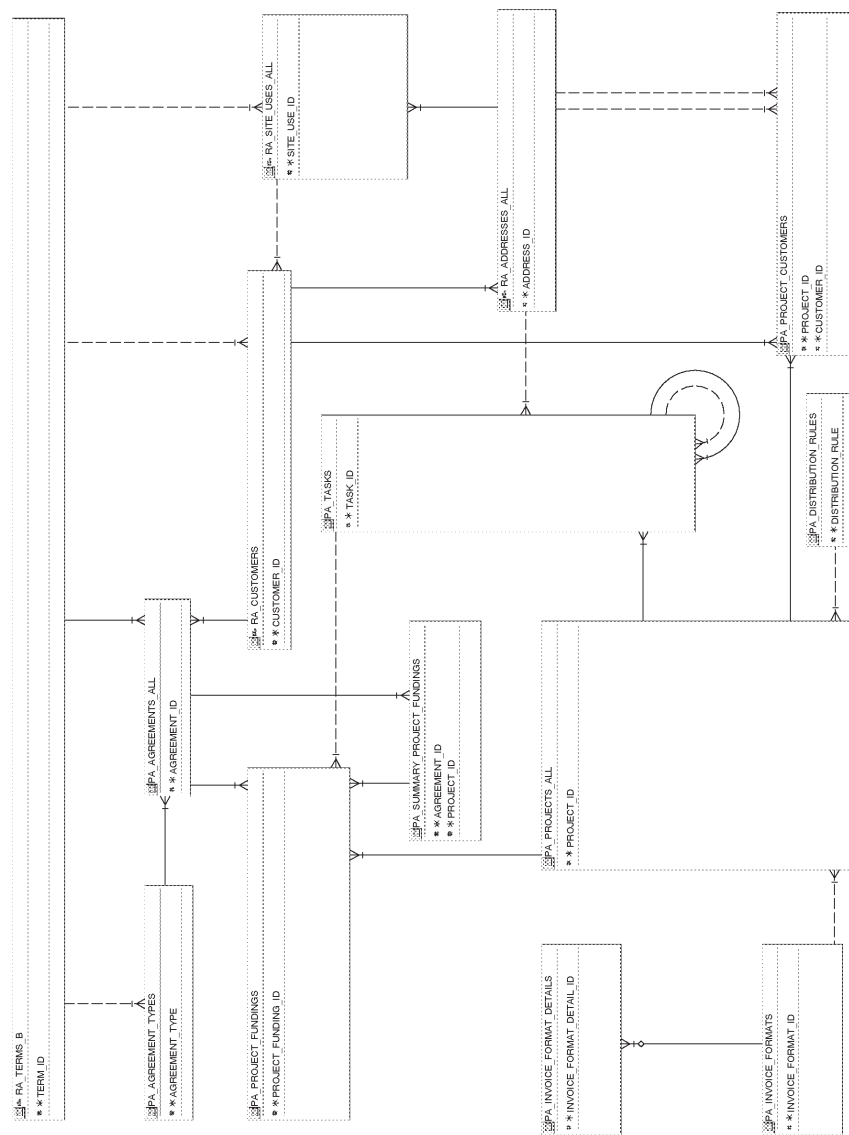
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## Diagram 7: Budgets



# Diagram 8: Funding





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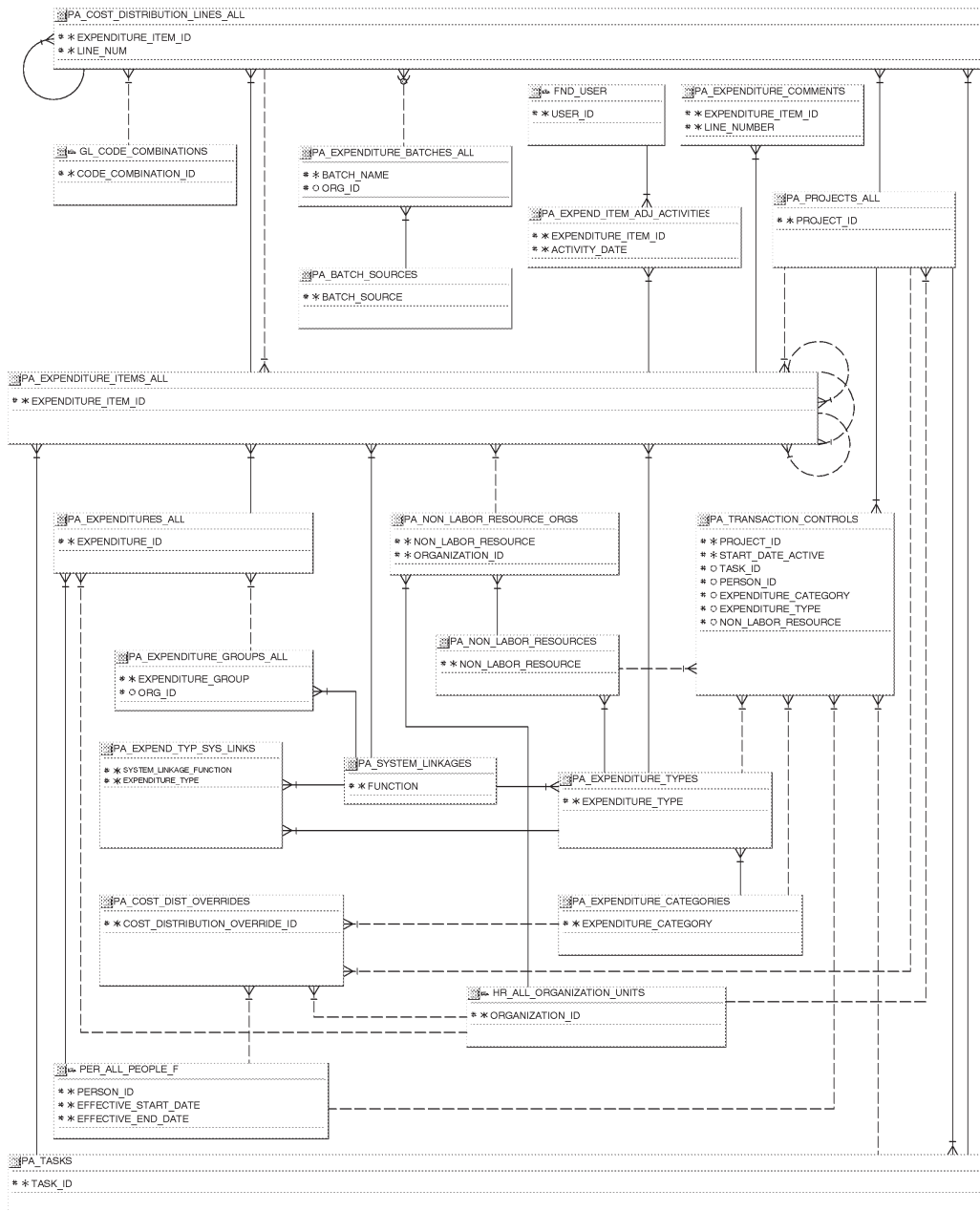
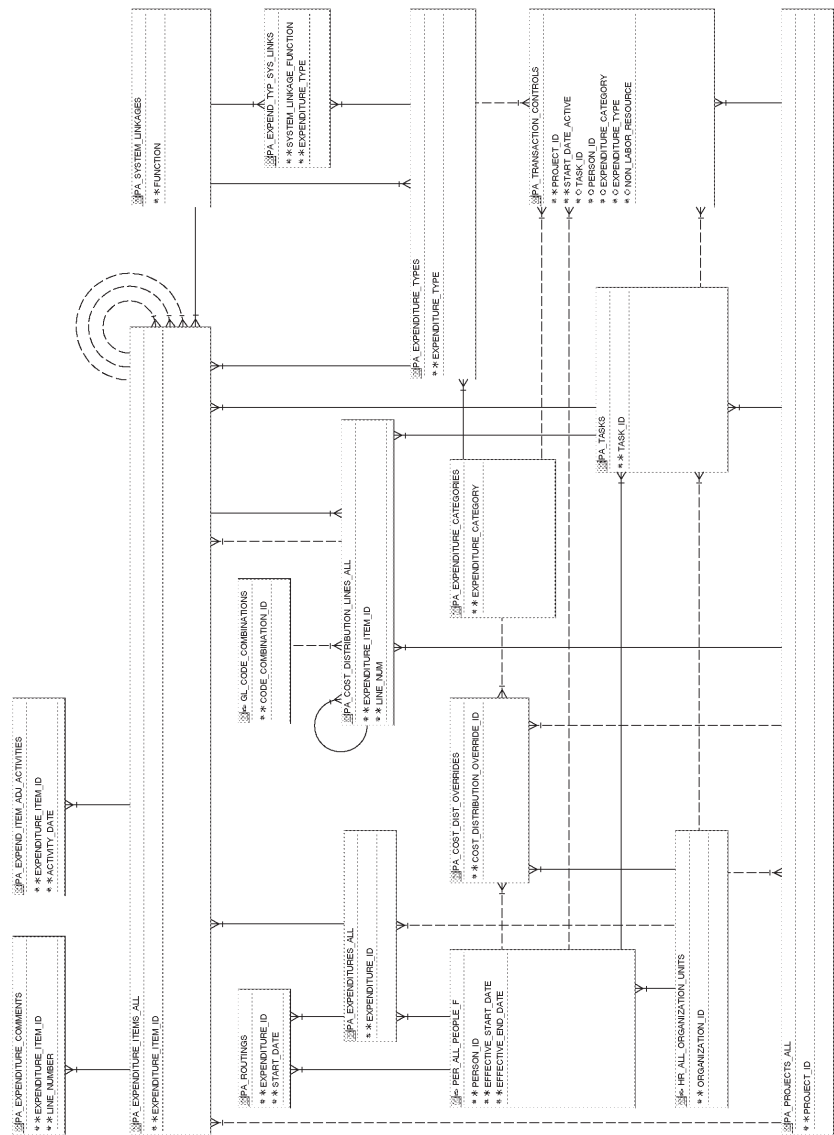


Diagram 10: Online Expenditures Entry and Costing



## Diagram 11: Burdening Implementation

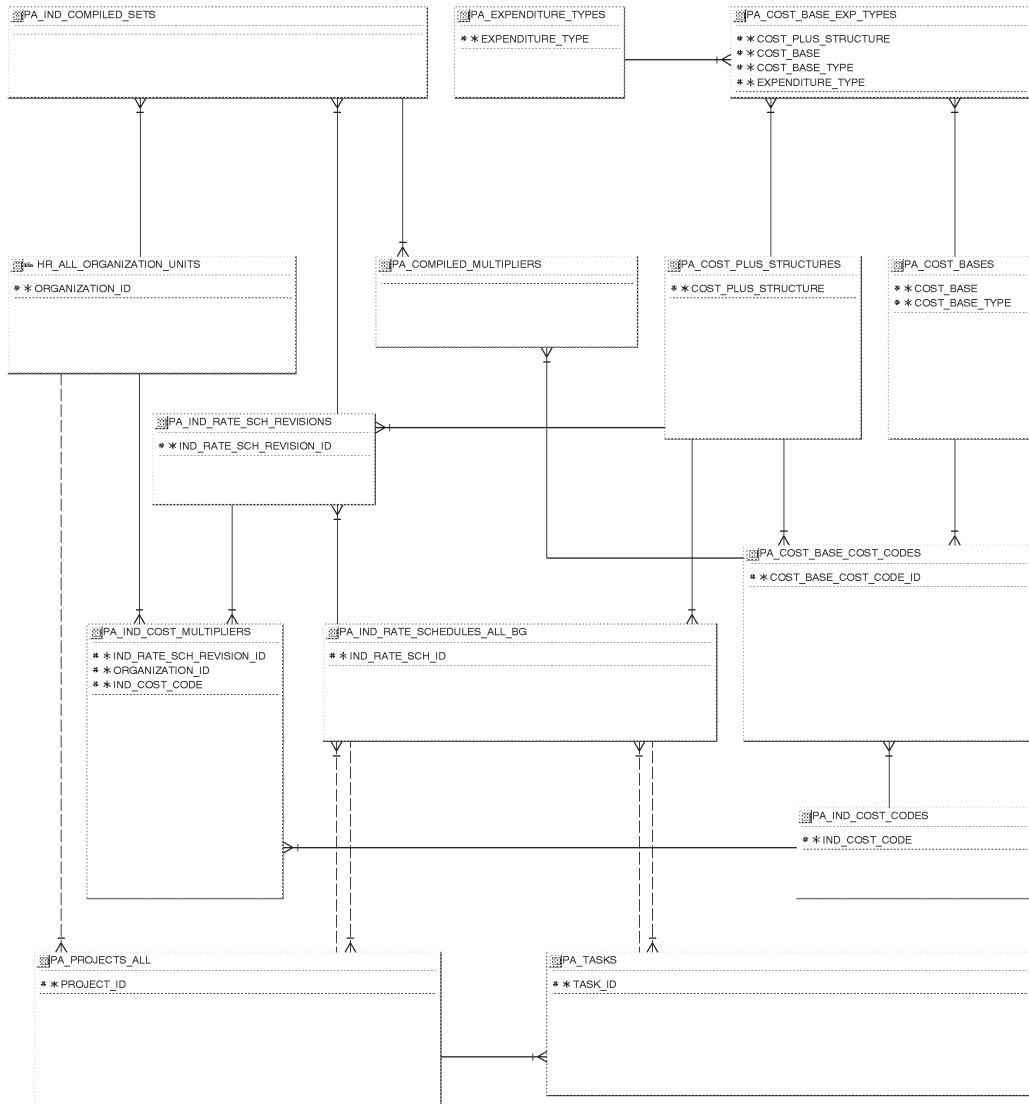


Diagram 12: Burden Transaction Processing

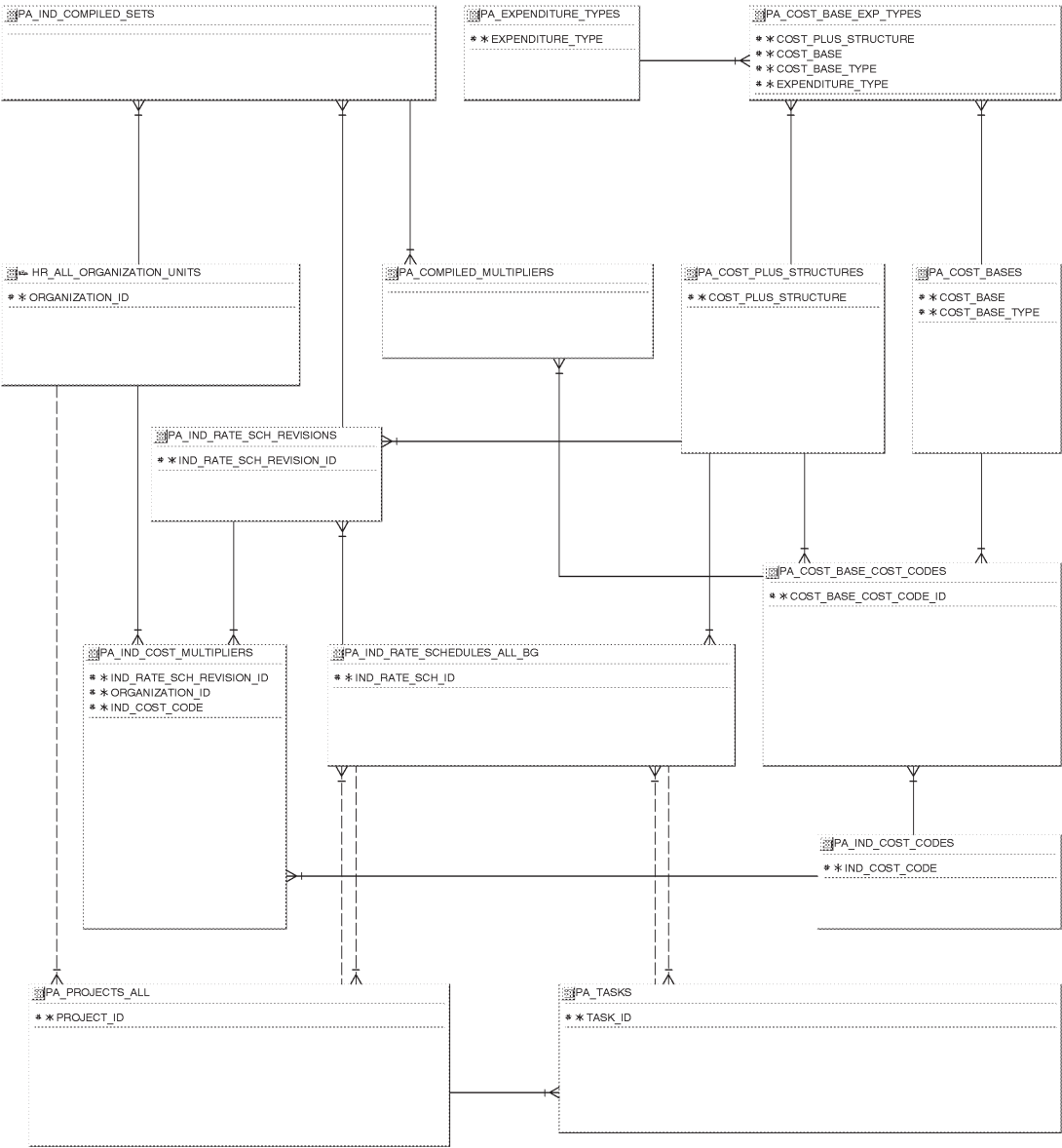
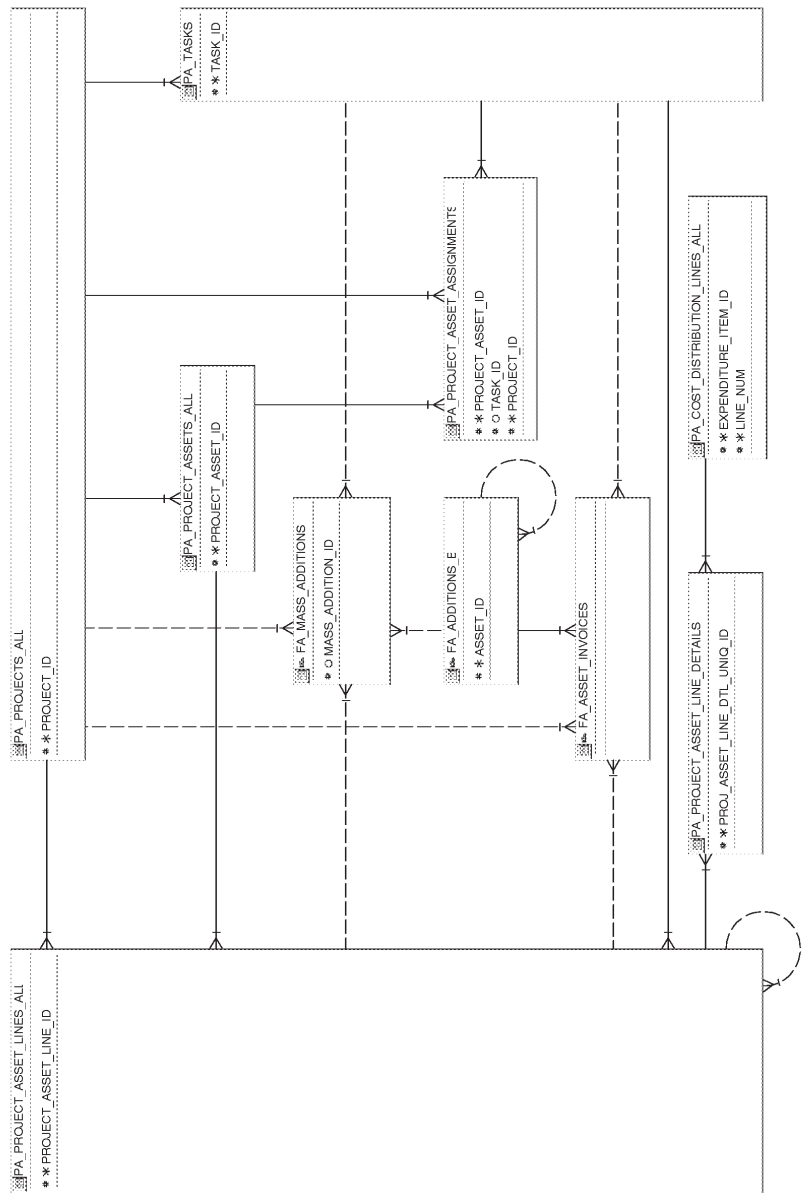
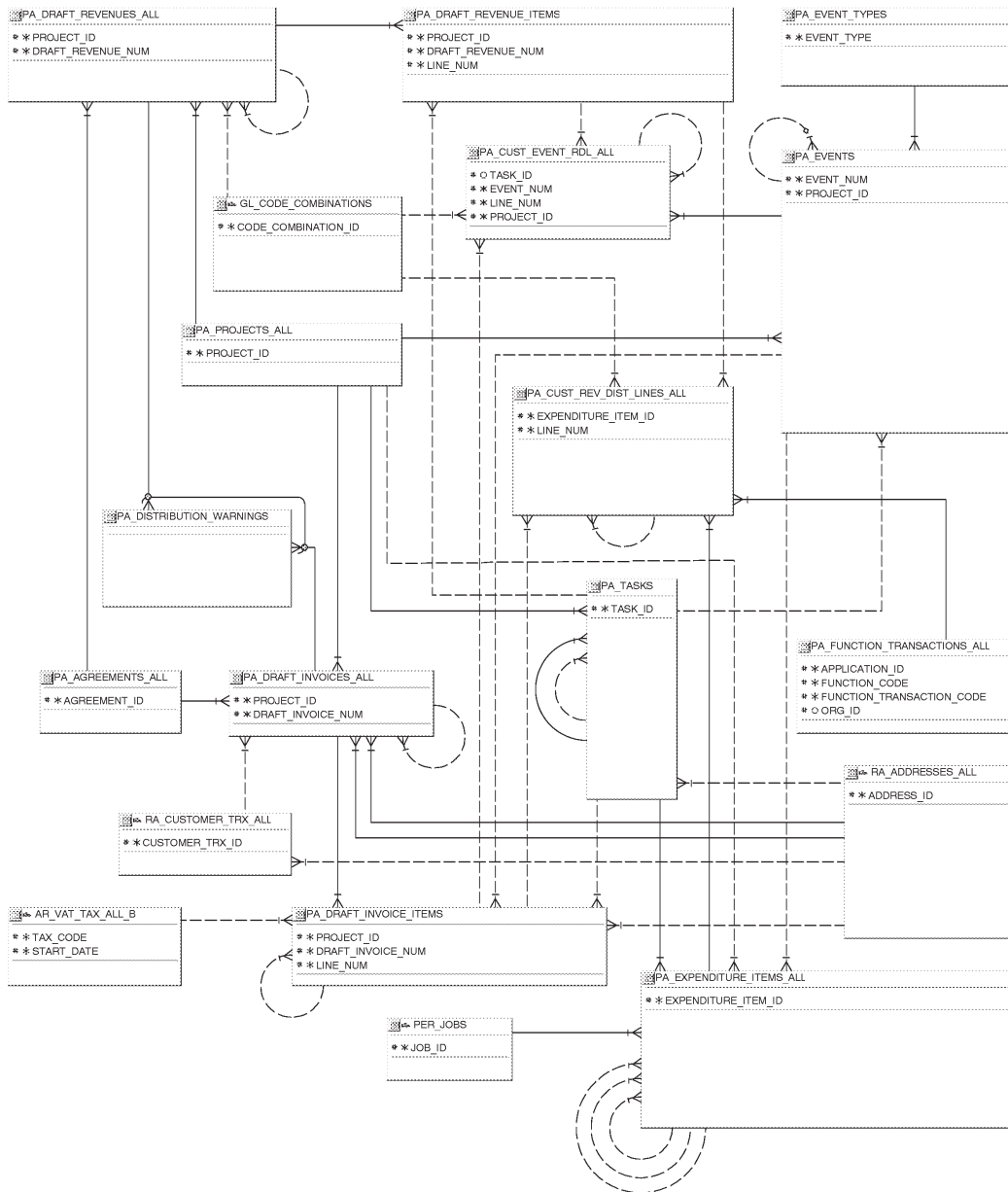


Diagram 13: Capital Projects



### Diagram 14: Revenue and Invoices



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## Diagram 15: Revenue Transfer Auditability

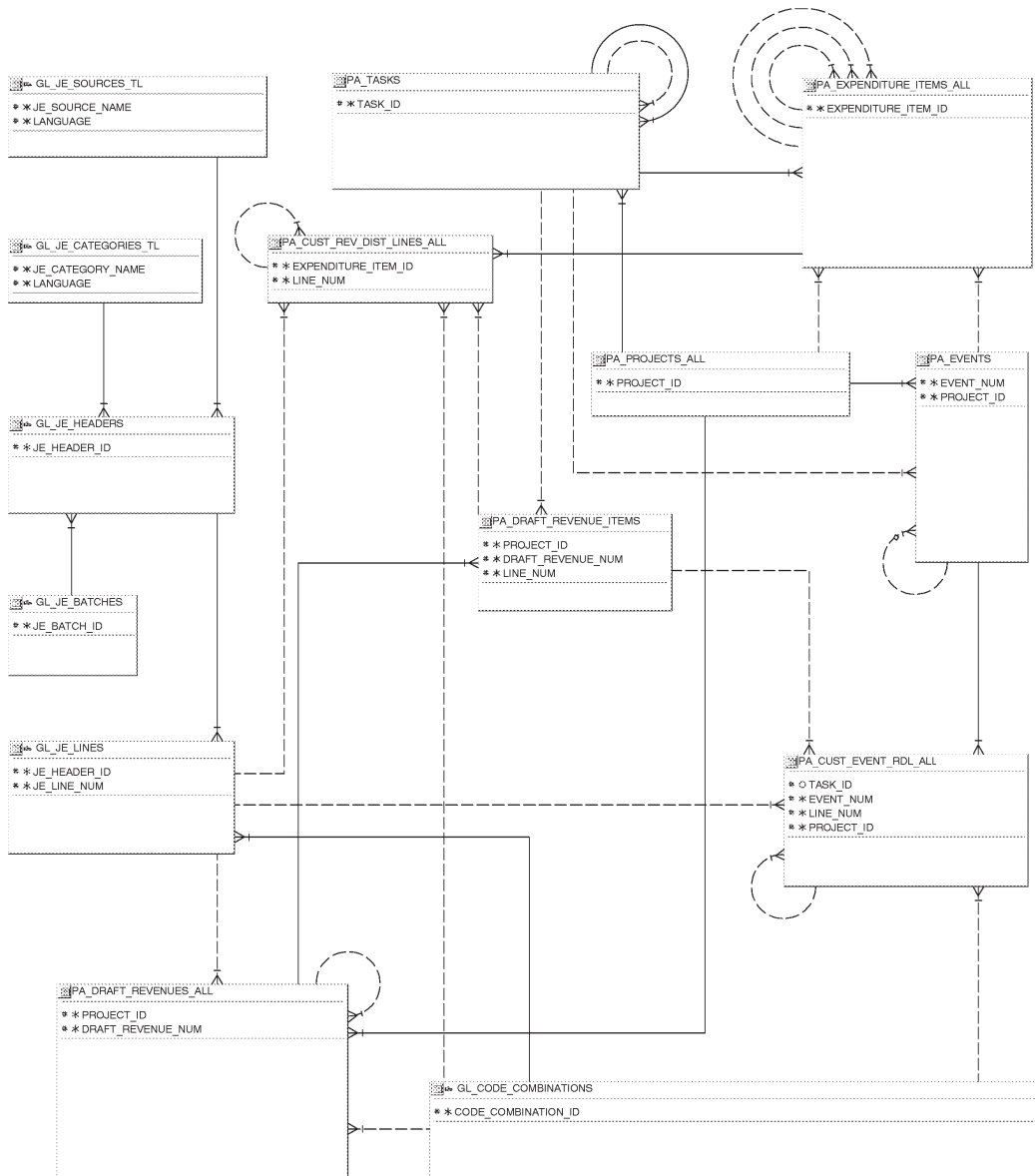
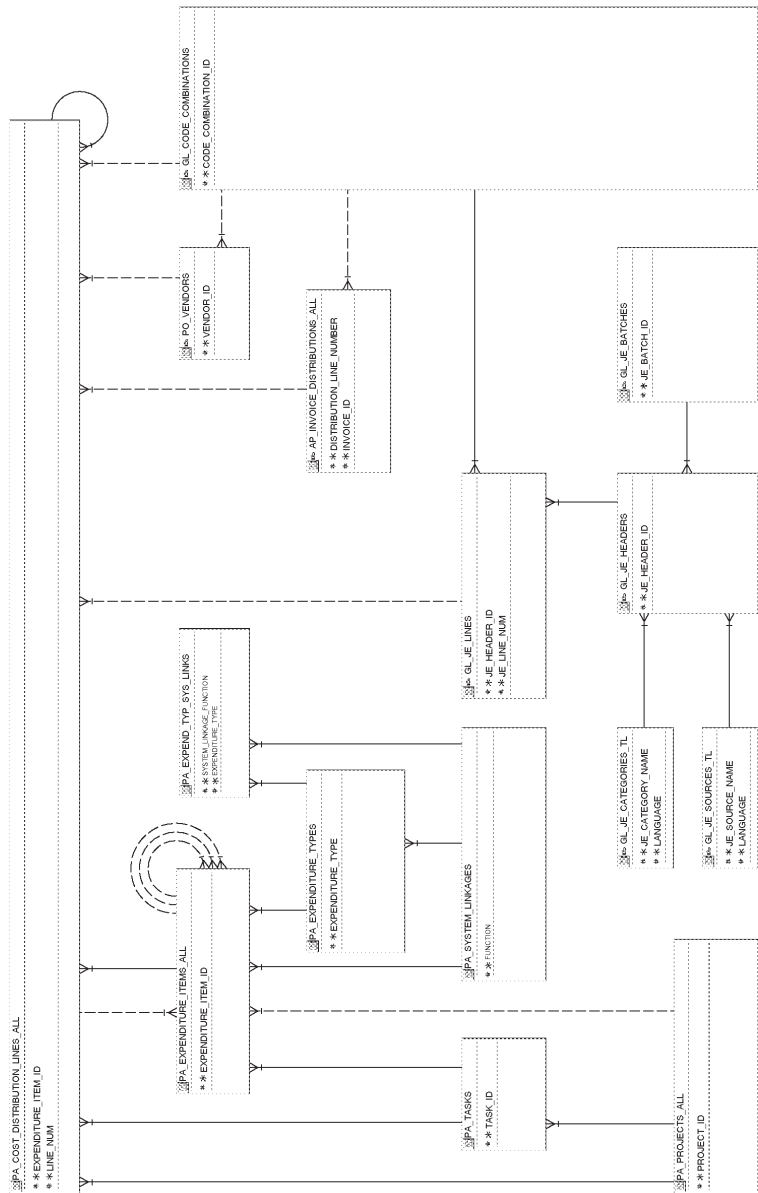
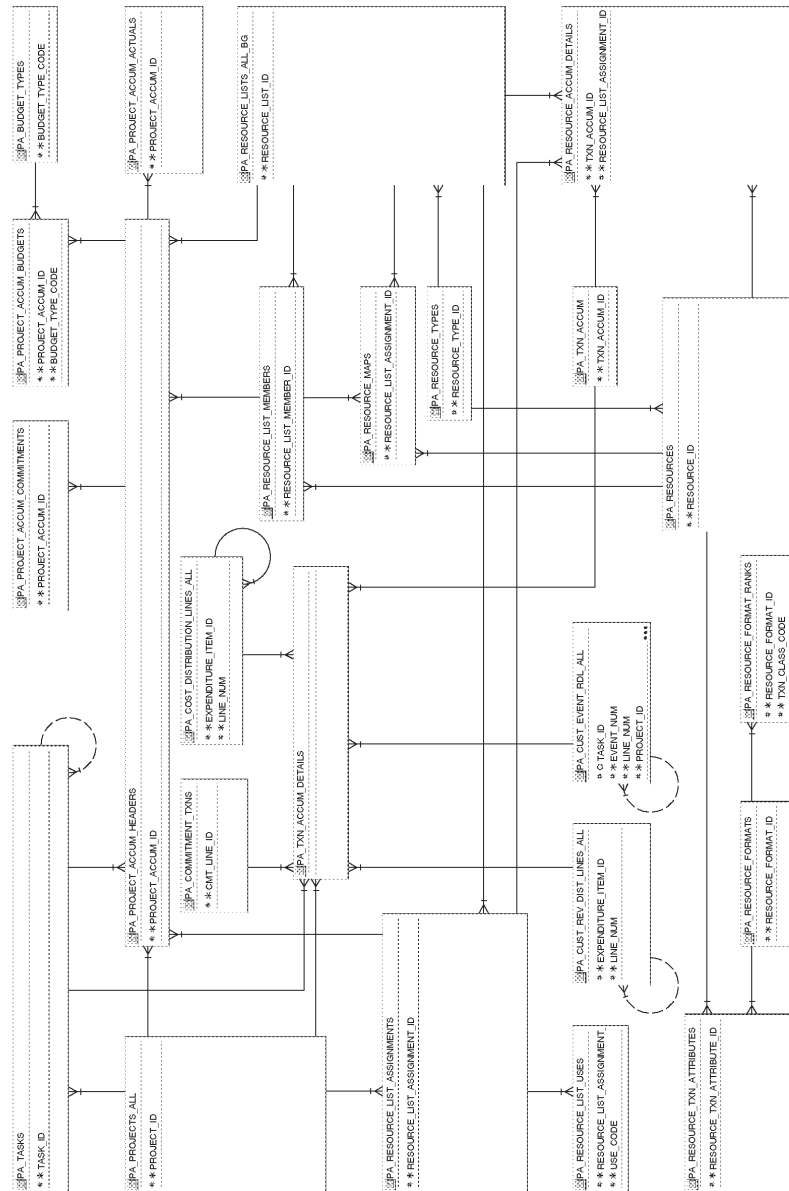


Diagram 16: Cost Transfer Auditability

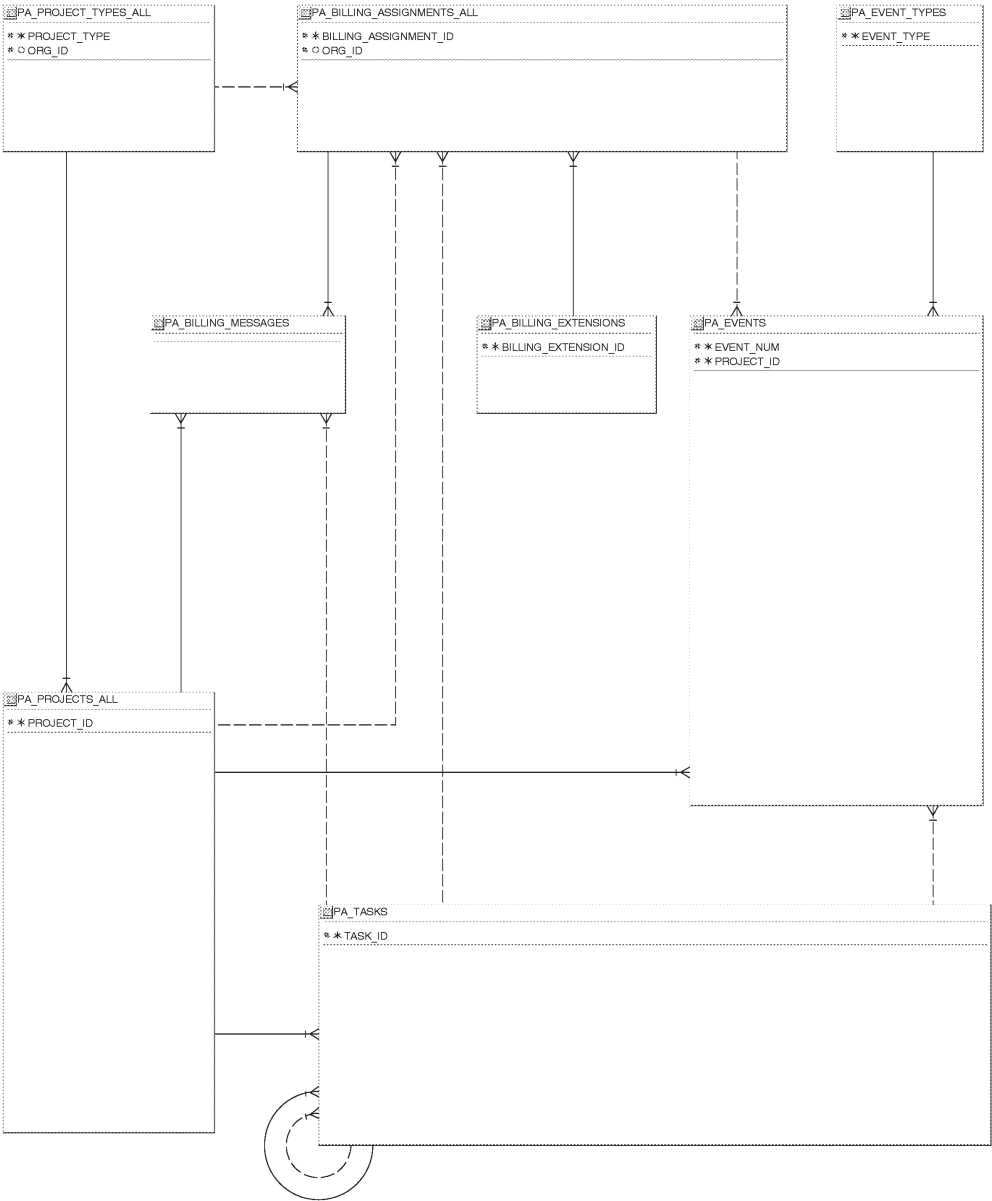




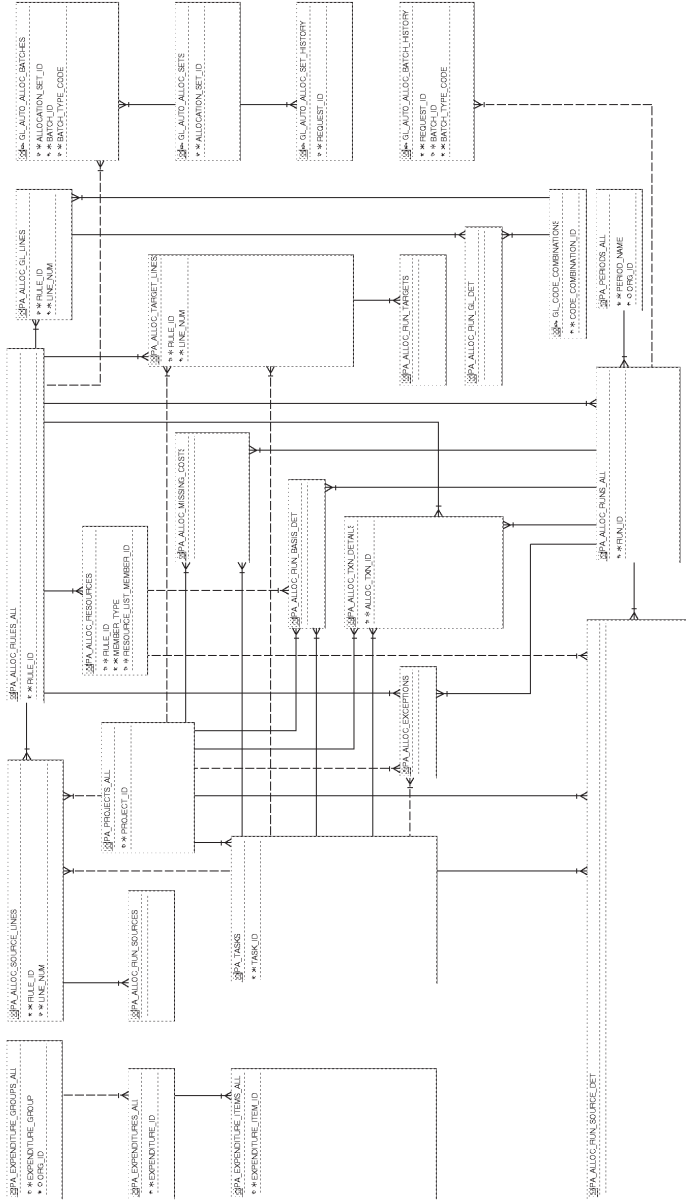
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# Diagram 18: Billing Extensions



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## Public Table List

This section lists each public database table that Oracle Projects 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 more information, see the How Not To Use This Manual section of this book's Introduction.

Oracle Projects uses the following Public tables:

Table Name	Description
AP_BATCHES_ALL	Summary invoice batch information (See page 3 – 8)
AP_EXPENSE_REPORT_HEADERS_ALL	Header information about employee expense reports (See page 3 – 12)
AP_EXPENSE_REPORT_LINES_ALL	Expense item information for employee expense reports (See page 3 – 19)
AP_INVOICES_ALL	Detailed invoice records (See page 3 – 24)
AP_INVOICE_DISTRIBUTIONS_ALL	Invoice distribution line information (See page 3 – 32)
AR_AGING_BUCKETS	Aging bucket lines used in Receivables aging reports (See page 3 – 45)
AR_COLLECTORS	Information about collectors (See page 3 – 47)
AR_CUSTOMER_PROFILES	Customer credit information (See page 3 – 49)
AR_PAYMENT_SCHEDULES_ALL	All transactions except adjustments and miscellaneous cash receipts (See page 3 – 54)
AR_VAT_TAX_ALL_B	Tax codes defined in the Tax Codes and Rates window (See page 3 – 63)
FA_ADDITIONS_B	Descriptive information about assets (base MLS table) (See page 3 – 67)
FA_ASSET_INVOICES	Accounts payable and purchasing information for each asset (See page 3 – 71)
FA_BOOKS	Financial information of each asset (See page 3 – 75)

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FA_CATEGORIES_B	Default financial information for asset categories (base MLS table) (See page 3 – 83)
FA_MASS_ADDITIONS	Information about assets that you want to automatically add to Oracle Assets from another system (See page 3 – 87)
FND_APPLICATION	Applications registered with Oracle Application Object Library (No table description)
FND_CONCURRENT_PROGRAMS	Concurrent programs (No table description)
FND_CONCURRENT_REQUESTS	Concurrent requests information (No table description)
FND_CURRENCIES	Currencies enabled for use at your site (See page 3 – 96)
FND_DUAL	Dummy base table used by a form block that does not have a real base table (for commit purposes) (See page 3 – 99)
FND_FORM_FUNCTIONS	Functionality groupings (No table description)
FND_ID_FLEXS	Registration information about key flexfields (No table description)
FND_ID_FLEX_SEGMENTS	Key flexfield segments setup information and correspondences between table columns and key flexfield segments (No table description)
FND_ID_FLEX_STRUCTURES	Key flexfield structure information (No table description)
FND_LOOKUP_VALUES	QuickCode values (No table description)
FND_PRODUCT_INSTALLATIONS	Oracle Applications products installed at your site (No table description)
FND_PROFILE_OPTIONS	User profile options (No table description)
FND_PROFILE_OPTION_VALUES	Values of user profile options defined at different profile levels (No table description)
FND_RESPONSIBILITY	Responsibilities (No table description)
FND_USER	Application users (No table description)
GL_AUTO_ALLOC_BATCHES	Assignments of MassAllocation, Mass Budgets, Mass Encumbrances, recurring or projects batches to a allocation set (See page 3 – 100)
GL_AUTO_ALLOC_BATCH_HISTORY	History of all batches included in an allocation set run (See page 3 – 102)

GL_AUTO_ALLOC_SETS	Autoallocation set definition for step-down or parallel allocations (See page 3 – 104)
GL_AUTO_ALLOC_SET_HISTORY	History of allocation set runs (See page 3 – 106)
GL_CODE_COMBINATIONS	Account combinations (See page 3 – 108)
GL_DAILY_CONVERSION_TYPES	Foreign currency daily conversion rate types (See page 3 – 113)
GL_INTERFACE	Import journal entry batches (See page 3 – 114)
GL_INTERFACE_CONTROL	Journal import execution control (See page 3 – 118)
GL_JE_BATCHES	Journal entry batches (See page 3 – 119)
GL_JE_CATEGORIES_TL	Journal entry categories (See page 3 – 123)
GL_JE_HEADERS	Journal entry headers (See page 3 – 124)
GL_JE_LINES	Journal entry lines (See page 3 – 129)
GL_JE_SOURCES_TL	Journal entry sources (See page 3 – 133)
GL_MC_REPORTING_OPTIONS	Multiple reporting currency conversion options by application (See page 3 – 135)
GL_PERIODS	Calendar period definitions (See page 3 – 138)
GL_PERIOD_STATUSES	Calendar period statuses (See page 3 – 140)
GL_PERIOD_TYPES	Calendar period types (See page 3 – 142)
GL_SETS_OF_BOOKS	Set of books definitions (See page 3 – 143)
HR_ALL_ORGANIZATION_UNITS	Organization unit definitions (See page 3 – 147)
HR_LOCATIONS_ALL	Work location definitions (See page 3 – 149)
HR_ORGANIZATION_INFORMATION	Additional attributes of an organization, dependent on class or organization information type (See page 3 – 153)
PA_ACCUM_COLUMNS	System-defined configurable columns used in project summarization (See page 3 – 156)
PA_ACCUM_TXN_TIME	Temporary table used in timing the Refresh Project Summary Amounts process (See page 3 – 173)
PA_AGREEMENTS_ALL	Customer contracts that serve as the basis for work authorization (See page 3 – 186)

PA_AGREEMENT_TYPES	Implementation-defined classifications of customer agreements (See page 3 – 188)
PA_ALLOC_EXCEPTIONS	Exceptions for an allocation run (See page 3 – 190)
PA_ALLOC_GL_LINES	Allocation source lines related to GL accounts (See page 3 – 191)
PA_ALLOC_MISSING_COSTS	Missing costs information for an allocation run (See page 3 – 192)
PA_ALLOC_RESOURCES	Resources and percentages for each allocation rule (See page 3 – 193)
PA_ALLOC_RULES_ALL	Allocation rule definitions (See page 3 – 194)
PA_ALLOC_RUNS_ALL	Information for allocation runs (See page 3 – 198)
PA_ALLOC_RUN_BASIS_DET	Basis information for an allocation run (See page 3 – 202)
PA_ALLOC_RUN_GL_DET	Source lines related to GL accounts for each allocation run (See page 3 – 203)
PA_ALLOC_RUN_SOURCES	Source projects and tasks for each source line for an allocation run (See page 3 – 204)
PA_ALLOC_RUN_SOURCE_DET	Source project information for each allocation run (See page 3 – 205)
PA_ALLOC_RUN_TARGETS	Target projects and tasks for each target line for an allocation run (See page 3 – 206)
PA_ALLOC_SOURCE_LINES	Source lines for each allocation rule (See page 3 – 207)
PA_ALLOC_TARGET_LINES	Target lines for each allocation rule (See page 3 – 208)
PA_ALLOC_TXN_DETAILS	Transactions created by an allocation run (See page 3 – 209)
PA_ALL_ORGANIZATIONS	History information about organizations (See page 3 – 211)
PA_BATCH_SOURCES	System-defined sources of expense report expenditure batches (See page 3 – 217)
PA_BILLING_ASSIGNMENTS_ALL	Assignments of billing extensions to a project type, project, or task (See page 3 – 218)
PA_BILLING_CYCLES	System-defined and implementation-defined billing cycle definitions (See page 3 – 220)

PA_BILLING_EXTENSIONS	Implementation-defined billing extension definitions (See page 3 – 222)
PA_BILLING_MESSAGES	Messages issued by billing extensions to assist in debugging (See page 3 – 230)
PA_BILL_RATES_ALL	Information about bill rates and markups of standard bill rate schedules (See page 3 – 238)
PA_BIS_PRJ_BY_PRD_DRILLS_ALL	Actuals and budget amounts by project and period for reporting (See page 3 – 240)
PA_BIS_PRJ_TO_DATE_DRILLS_ALL	Period and year to date actuals and budget amounts for a project for reporting (See page 3 – 241)
PA_BIS_TOTALS_BY_PRD_ALL	Total actuals and budget amounts for reporting (See page 3 – 242)
PA_BIS_TOTALS_TO_DATE_ALL	Period and year to date actuals and budget amounts for reporting (See page 3 – 243)
PA_BIS_TO_DATE_DRILLS_ALL	Period and year to date actuals and budget amounts for reporting (See page 3 – 244)
PA_BUDGET_ENTRY_METHODS	Implementation-defined methods for entering budgets (See page 3 – 245)
PA_BUDGET_LINES	Detail lines of project and task budgets (See page 3 – 247)
PA_BUDGET_TYPES	Implementation-defined classifications of types of budgets used for different business purposes (See page 3 – 249)
PA_BUDGET_VERSIONS	Versions of project budgets (See page 3 – 251)
PA_CC_DIST_LINES_ALL	Information about the accounting distributions related to transfer price for cross charged expenditure items (See page 3 – 258)
PA_CC_ORG_RELATIONSHIPS	Information about relationship between operating units and the attributes that specify cross charge control and processing (See page 3 – 276)
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 (See page 3 – 278)



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 (See page 3 – 280)
PA_CC_TP_SCHEDULE_LINES	Transfer price schedule lines which make up a transfer price schedule (See page 3 – 282)
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 (See page 3 – 284)
PA_CLASS_CATEGORIES	Implementation-defined categories for classifying projects (See page 3 – 292)
PA_CLASS_CODES	Implementation-defined values within class categories that can be used to classify projects (See page 3 – 294)
PA_COMMITMENT_TXNS	Commitment transactions for summarized project summary commitment amounts (See page 3 – 306)
PA_COMPENSATION_DETAILS_ALL	Information about hourly employee cost rates and assigned compensation rules (See page 3 – 322)
PA_COMPENSATION_RULE_SETS	Implementation-defined classifications of employee compensation (also referred to as pay types) (See page 3 – 323)
PA_COMPILED_MULTIPLIERS	Buildup multipliers used for burdening (See page 3 – 325)
PA_COST_BASES	Implementation-defined groupings of expenditure types used for burdening (See page 3 – 326)
PA_COST_BASE_COST_CODES	Burden cost codes associated with cost bases (See page 3 – 327)
PA_COST_BASE_EXP_TYPES	Expenditure types associated with cost bases (See page 3 – 328)
PA_COST_DISTRIBUTION_LINES_ALL	Information about expenditure item cost distribution (See page 3 – 331)
PA_COST_DIST_OVERRIDES	Configurations used to override the expenditure organization used by AutoAccounting for projects (See page 3 – 337)
PA_COST_PLUS_STRUCTURES	Structures used for burdening (See page 3 – 343)

PA_CREDIT_RECEIVERS	Employees who receive credit for project revenue (See page 3 – 344)
PA_CUST_EVENT_RDL_ALL	Information about event revenue distribution (See page 3 – 348)
PA_CUST_REV_DIST_LINES_ALL	Information about expenditure item revenue distribution (See page 3 – 351)
PA_DISTRIBUTION_RULES	System–defined pairings of revenue accrual and invoicing methods that can be used for projects (See page 3 – 355)
PA_DISTRIBUTION_WARNINGS	Warning messages about exceptions encountered during draft revenue generation and draft invoice generation (See page 3 – 357)
PA_DRAFT_INVOICES_ALL	Information about draft invoices generated for projects (See page 3 – 358)
PA_DRAFT_INVOICE_DETAILS_ALL	Intercompany invoice details for cross charged transactions (See page 3 – 364)
PA_DRAFT_INVOICE_ITEMS	Draft invoice lines (See page 3 – 368)
PA_DRAFT_REVENUES_ALL	Information about draft revenue generated for projects (See page 3 – 371)
PA_DRAFT_REVENUE_ITEMS	Draft revenue lines (See page 3 – 375)
PA_EARNED_VALUES	Earned value history for lowest–level tasks and resources as well as project–task rows (See page 3 – 380)
PA_EI_DENORM	Denormalized expenditure item records for online time entry (See page 3 – 382)
PA_EMP_BILL_RATE_OVERRIDES	Non–standard employee bill rates negotiated for specific projects and tasks (See page 3 – 388)
PA_EVENTS	Entries assigned to tasks that generate revenue and/or billing but are not directly related to expenditure items (See page 3 – 390)
PA_EVENT_TYPES	Implementation–defined classifications of events (See page 3 – 394)
PA_EVENT_TYPE_OUS_ALL	Operating unit specific information for Event Types (See page 3 – 396)

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PA_EXCEPTION_REASONS	Exception reasons and corresponding corrective actions (See page 3 – 397)
PA_EXPENDITURES_ALL	Groups of expenditure items incurred by employees or organizations for an expenditure period (See page 3 – 398)
PA_EXPENDITURE_BATCHES_ALL	Groups of expense reports that are processed during the same run of the Distribute Expense Reports program (See page 3 – 402)
PA_EXPENDITURE_CATEGORIES	Implementation–defined groupings of expenditure types by type of cost (See page 3 – 403)
PA_EXPENDITURE_COMMENTS	Free text entered for expenditure items to explain or further describe work performed (See page 3 – 404)
PA_EXPENDITURE_COST_RATES_ALL	Cost rates for non-labor expenditure types (See page 3 – 405)
PA_EXPENDITURE_GROUPS_ALL	Groups of pre-approved expenditures (See page 3 – 406)
PA_EXPENDITURE_HISTORY	Audit records for self service time (See page 3 – 408)
PA_EXPENDITURE_ITEMS_ALL	The smallest units of expenditure charged to projects and tasks (See page 3 – 410)
PA_EXPENDITURE_TYPES	Implementation–defined classifications of expenditures charged to projects and tasks (See page 3 – 423)
PA_EXPENDITURE_TYPE_OUS_ALL	Operating unit specific tax code information for expenditure types (See page 3 – 425)
PA_EXPEND_ALIASES	Personal aliases for project, task and/or expenditure types when entering self service timecards (See page 3 – 426)
PA_EXPEND_COMMENT_ALIASES	Personal aliases for free text expenditure comments used when entering on-line timecards and expense reports (See page 3 – 427)
PA_EXPEND_ITEM_ADJ_ACTIVITIES	Information about cost and/or revenue adjustments made to expenditure items through the Oracle Projects forms (See page 3 – 428)
PA_EXPEND_TYP_SYS_LINKS	Intersection table for system_linkage_function and expenditure_types (See page 3 – 431)
PA_FUNCTIONS	System–defined groupings of related AutoAccounting transactions (See page 3 – 434)

PA_FUNCTION_PARAMETERS	System-defined parameters available as input values for AutoAccounting functions (See page 3 – 435)
PA_FUNCTION_TRANSACTIONS_ALL	System-defined operations within AutoAccounting functions (See page 3 – 436)
PA_IMPLEMENTATIONS_ALL	Information about the configuration of an Oracle Projects installation (See page 3 – 447)
PA_IND_COMPILED_SETS	Groups of compiled multipliers (See page 3 – 453)
PA_IND_COST_CODES	Implementation-defined classifications of burden costs (See page 3 – 455)
PA_IND_COST_MULTIPLIERS	Burden multipliers for burden schedule revisions, organizations, and burden cost codes (See page 3 – 456)
PA_IND_RATE_SCHEDULES_ALL_BG	Implementation-defined burden schedules (See page 3 – 458)
PA_IND_RATE_SCH_REVISIONS	Revisions within burden schedules (See page 3 – 460)
PA_INVOICE_FORMATS	Implementation-defined configurations of columns, text, and layout of invoice lines (See page 3 – 462)
PA_INVOICE_FORMAT_DETAILS	Implementation-defined details of the invoice format configurations (See page 3 – 463)
PA_INVOICE_GROUPS	System-defined configurations of invoice line groupings (See page 3 – 465)
PA_INVOICE_GROUP_COLUMNS	System-defined columns associated with invoice groups (See page 3 – 466)
PA_INVOICE_GROUP_TABLES	System-defined tables used to derive invoice group columns (See page 3 – 468)
PA_INV_GRP_COL_WHR_CLAUSES	System-defined invoice group WHERE clauses assigned to invoice group columns (See page 3 – 473)
PA_INV_GRP_WHR_CLAUSES	System-defined WHERE clauses used to derive invoice group column values (See page 3 – 474)
PA_JOB_ASSIGNMENT_OVERRIDES	Non-standard employee job assignments and/or billing titles negotiated for specific projects and tasks (See page 3 – 477)

PA_JOB_BILL_RATE_OVERRIDES	Non-standard job bill rates negotiated for specific projects and tasks (See page 3 – 478)
PA_JOB_BILL_TITLE_OVERRIDES	Non-standard job billing titles negotiated for specific projects and tasks (See page 3 – 479)
PA_LABOR_COST_MULTIPLIERS	Multipliers used to determine premium hourly cost rates for labor overtime expenditure items (See page 3 – 481)
PA_LABOR_MULTIPLIERS	Multipliers, assigned to projects or tasks, that are applied to raw cost to determine the revenue and/or bill amounts (See page 3 – 486)
PA_MASS_UPDATE_BATCHES_ALL	Batches created for mass update of project/task attributes (See page 3 – 490)
PA_MASS_UPDATE_DETAILS	Detail information about batches created for mass update of project/task attributes (See page 3 – 492)
PA_MC_CC_DIST_LINES_ALL	Information about cross charge distributions of expenditure items for each reporting set of books (See page 3 – 494)
PA_MC_COST_DIST_LINES_ALL	Information about the cost distribution of expenditure items for each reporting set of books (See page 3 – 497)
PA_MC_CUST_EVENT_RDL_ALL	Information about the revenue distribution of revenue events in each reporting set of books (See page 3 – 499)
PA_MC_CUST_RDL_ALL	Information about the revenue distribution of expenditure items in each reporting set of books (See page 3 – 501)
PA_MC_DRAFT_INV_DETAILS_ALL	Information about invoice details for cross charged transactions in each reporting set of books (See page 3 – 503)
PA_MC_DRAFT_INV_ITEMS	Draft invoice line information in each reporting currency (See page 3 – 504)
PA_MC_DRAFT_REVS_ALL	The draft revenues generated for a project in each reporting currency (See page 3 – 506)
PA_MC_EVENTS	Event information in each reporting currency (See page 3 – 508)
PA_MC_EXP_ITEMS_ALL	Information for the smallest expenditure units charged to projects and tasks in each reporting currency (See page 3 – 510)

PA_MC_PRJ_AST_LINES_ALL	Summarized project CIP cost lines in each reporting currency (See page 3 – 512)
PA_MC_PRJ_AST_LINE_DTLS	Detail information for each asset line created in each reporting currency (See page 3 – 513)
PA_MC_TXN_INTERFACE_ALL	Information about transactions imported from external sources in each reporting set of books (See page 3 – 514)
PA_MC_UPGRADE_RATES	Rate information cached for all Transaction currencies (See page 3 – 515)
PA_MRC_UPG_HISTORY	Upgrade statuses for upgrading to MRC enabled environments (See page 3 – 516)
PA_NL_BILL_RATE_OVERRIDES	Non-standard non-labor bill rates negotiated for specific projects and tasks (See page 3 – 517)
PA_NON_LABOR_RESOURCES	Non-labor assets utilized during project work (See page 3 – 519)
PA_NON_LABOR_RESOURCE_ORGS	Assignments of non-labor resources to organizations (See page 3 – 520)
PA_OLD_RES_ACCUM_DTLS	The PA_RESOURCE_ACCUM_DETAILS table records that are deleted when summarization is refreshed (See page 3 – 521)
PA_ONLINE_EXP_SETTINGS	User defined preferences for self service time entry (See page 3 – 523)
PA_OPTIONS	System-defined navigation options for a project or task (See page 3 – 527)
PA_ORG_REPORTING_SESSIONS	Start organization used for reporting by organizations below the start organization (See page 3 – 531)
PA_PARAMETERS	System-defined variables for use with AutoAccounting functions or rules (See page 3 – 533)
PA_PERCENT_COMPLETES	Estimated percent completion for all levels of the work breakdown structure (See page 3 – 535)
PA_PERIODS_ALL	Implementation-defined periods against which project performance is measured (See page 3 – 536)
PA_PM_CONTROL_ACTIONS	Controlled actions on data imported from other systems (See page 3 – 539)

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PA_PM_PRODUCT_CONTROL_RULES	Actions to be controlled for records imported from a specific external product (See page 3 – 540)
PA_PROJECTS_ALL	Information about projects (See page 3 – 542)
PA_PROJECTS_FOR_ACCUM	Temporary table updated during the Update Project Summary Process (See page 3 – 550)
PA_PROJECT_ACCUM_ACTUALS	Project summary amounts for cost and revenue (See page 3 – 551)
PA_PROJECT_ACCUM_BUDGETS	Project summary amounts for budgets (See page 3 – 553)
PA_PROJECT_ACCUM_COMMITMENTS	Project summary amounts for commitments (See page 3 – 556)
PA_PROJECT_ACCUM_HEADERS	Project summary records for each combination of project_id, task_id, and resource_list_member_id (See page 3 – 557)
PA_PROJECT_ASSETS_ALL	Assets defined for capital projects (See page 3 – 559)
PA_PROJECT_ASSET_ASSIGNMENTS	Relationship between projects or tasks and assets used to summarize CIP costs (See page 3 – 562)
PA_PROJECT_ASSET_LINES_ALL	Summarized project CIP costs (See page 3 – 564)
PA_PROJECT_ASSET_LINE_DETAILS	Information necessary to drill down from an asset line to the cost distribution line (See page 3 – 567)
PA_PROJECT_CLASSES	Class codes of class categories that are used to classify projects (See page 3 – 569)
PA_PROJECT_CONTACTS	Customer representatives who are involved in projects (See page 3 – 570)
PA_PROJECT_COPY_OVERRIDES	Quick Entry fields for project templates (See page 3 – 571)
PA_PROJECT_CUSTOMERS	Customers involved in projects (See page 3 – 573)
PA_PROJECT_FUNDINGS	Incremental amounts of allocated funds from agreements to projects and tasks (See page 3 – 575)
PA_PROJECT_OPTIONS	Navigation options for each project template (See page 3 – 580)
PA_PROJECT_PLAYERS	Employees involved in the administration of projects (See page 3 – 581)

PA_PROJECT_ROLE_TYPES	Implementation-defined responsibilities or positions assigned to employees on projects (See page 3 – 582)
PA_PROJECT_STATUSES	Valid project status codes (See page 3 – 583)
PA_PROJECT_STATUS_CONTROLS	Allowed actions for project status codes (See page 3 – 585)
PA_PROJECT_TYPES_ALL	Implementation-defined project classifications that supply default information and drive some project processing (See page 3 – 587)
PA_PROJ_TYPE_DISTRIBUTIONS_ALL	Implementation-defined available distribution rules for each project type (See page 3 – 661)
PA_PTE_DESCRIPTIVE_FLEXS	Temporary holding table used to download descriptive flexfields to Oracle Personal Time and Expense (See page 3 – 669)
PA_PTE_DESC_FLEX_COL_USAGES	Temporary holding table used to download descriptive flexfield columns to Oracle Personal Time and Expense (See page 3 – 670)
PA_PTE_FLEX_VALUES	Temporary holding table used to download descriptive flexfield values to Oracle Personal Time and Expense (See page 3 – 671)
PA_PTE_FLEX_VALUE_SETS	Temporary holding table used to download descriptive flexfield value sets to Oracle Personal Time and Expense (See page 3 – 672)
PA_PTE_MORG_EMP_TAB	The operating unit to use for an employee using Oracle Personal Time and Expense (used if Multi-Org is implemented) (See page 3 – 673)
PA_PURGE_BATCHES_ALL	Purge batch information (See page 3 – 674)
PA_PURGE_PROJECTS	Information on projects to be purged in a purge batch (See page 3 – 676)
PA_PURGE_PROJECT_DETAILS	Purged details for projects in a purge batch (See page 3 – 677)
PA_PURGE_PROJECT_ERRORS	Validation errors for projects in a purge batch (See page 3 – 678)
PA_REPORTING_EXCEPTIONS	General purpose table used for reporting Success and Exceptions (See page 3 – 679)

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PA_RESOURCES	Resources used in budgeting and project summary amounts (See page 3 – 681)
PA_RESOURCE_ACCUM_DETAILS	Information on how a PA_TXN_ACCUM record was mapped to a resource list member (See page 3 – 683)
PA_RESOURCE_ASSIGNMENTS	Resource assignments for a budget version at a branch of project’s work breakdown (See page 3 – 685)
PA_RESOURCE_FORMATS	System–defined valid resource transaction attribute combinations (See page 3 – 687)
PA_RESOURCE_FORMAT_RANKS	System–defined ranking of resource formats used when mapping transaction attributes to resources in a resource list (See page 3 – 689)
PA_RESOURCE_LISTS_ALL_BG	Implementation–defined lists of resources for budgeting and project summary amounts (See page 3 – 691)
PA_RESOURCE_LIST_ASSIGNMENTS	Resource list assignments to projects (See page 3 – 693)
PA_RESOURCE_LIST_MEMBERS	Resources within a resource list (See page 3 – 695)
PA_RESOURCE_LIST_USES	Uses of resource lists assigned to projects (See page 3 – 697)
PA_RESOURCE_MAPS	Mapping of a resource list member to a combination of resource transaction attributes (See page 3 – 699)
PA_RESOURCE_TXN_ATTRIBUTES	Combination of transaction attributes for a resource that define which transactions to map to the resource (See page 3 – 702)
PA_RESOURCE_TYPES	Types of resources (See page 3 – 704)
PA_ROUTINGS	Steps in the approval cycle for online timecards and expense reports (See page 3 – 707)
PA_RULES	Implementation–defined formulas for deriving Accounting Flexfield segment values using AutoAccounting (See page 3 – 735)
PA_RULE_PARAMETERS	Parameters used by AutoAccounting rules that use SQL statements (See page 3 – 737)
PA_SEGMENT_RULE_PAIRINGS_ALL	Implementation–defined assignments of AutoAccounting rules to Accounting Flexfield segments (See page 3 – 738)

PA_SEGMENT_VALUE_LOOKUPS	Implementation-defined mappings of AutoAccounting rule intermediate values to Accounting Flexfield segment values (See page 3 – 740)
PA_SEGMENT_VALUE_LOOKUP_SETS	Implementation-defined lists of segment value lookups (See page 3 – 741)
PA_SPAWNED_PROGRAM_STATUSES	Statuses of spawned programs (See page 3 – 743)
PA_STATUS_COLUMN_SETUP	Project Status Inquiry display column definitions (See page 3 – 744)
PA_STD_BILL_RATE_SCHEDULES_ALL	Sets of standard bill rates that can be assigned as groups to projects and tasks (See page 3 – 745)
PA_STREAMLINE_REQUESTS	Information about submitted streamline process requests (See page 3 – 747)
PA_SUMMARY_PROJECT_FUNDINGS	Summary funding amounts allocated from agreements to projects and tasks (See page 3 – 749)
PA_SYSTEM_LINKAGES	System-defined categories that classify expenditure types and determine how expenditure items of each type are processed (See page 3 – 751)
PA_TASKS	User-defined subdivisions of project work (See page 3 – 752)
PA_TASK_HISTORY	Service type and task organization history (See page 3 – 759)
PA_TRANSACTION_CONTROLS	Transaction controls of chargeable and billable status for projects and tasks (See page 3 – 760)
PA_TRANSACTION_INTERFACE_ALL	Interface table to import transactions from external sources into Oracle Projects (See page 3 – 762)
PA_TRANSACTION_SOURCES	Implementation-defined sources of imported transactions originating in an external system (See page 3 – 771)
PA_TRANSACTION_XFACE_CTRL_ALL	Control table used internally by the Transaction Import program to control processing of pending transactions (See page 3 – 774)
PA_TXN_ACCUM	Lowest level of summarized transaction record used in project summary amounts (See page 3 – 781)

PA_TXN_ACCUM_DETAILS	Drilldown information from PA_TXN_ACCUM to cost, revenue, and event revenue distribution lines, and to commitments (See page 3 – 784)
PA_TXN_INTERFACE_AUDIT_ALL	Auditing information about updates on PA_TRANSACTION_INTERFACE_ALL (See page 3 – 786)
PA_UNBILLED_REC_REPORTING	Temporary table used when reporting project unbilled receivables aging (See page 3 – 791)
PA_UNIQUE_IDENTIFIER_CONTROL	The next project number (for automatic project numbering) (See page 3 – 792)
PA_USAGE_COST_RATE_OVR_ALL	Cost rates, assigned to non-labor resources and organizations, that override the expenditure type cost rates (See page 3 – 793)
PA_WF_PROCESSES	Versions of project and budget workflows There can be many workflows for a project or budget (See page 3 – 795)
PER_ADDRESSES	Address information for people (See page 3 – 796)
PER_ALL_ASSIGNMENTS_F	Employee and applicant assignment details (See page 3 – 799)
PER_ALL_PEOPLE_F	DateTracked table holding personal information for employees, applicants and other people (See page 3 – 804)
PER_ASSIGNMENT_STATUS_TYPES	Predefined and user defined assignment status types (See page 3 – 814)
PER_JOBS	Jobs defined for a Business Group (See page 3 – 818)
PER_JOB_DEFINITIONS	Job key flexfield combinations table (See page 3 – 821)
PER_ORGANIZATION_STRUCTURES	Organization hierarchy names (See page 3 – 823)
PER_ORG_STRUCTURE_ELEMENTS	Organization hierarchy details showing parent-child reporting relationships between organizations (See page 3 – 827)
PER_ORG_STRUCTURE_VERSIONS	Version control information for specific organization hierarchies (See page 3 – 829)
PER_PERIODS_OF_SERVICE	Period of service details for an employee (See page 3 – 836)
PER_PERSON_TYPES	Person types visible to specific Business Groups (See page 3 – 840)

PO_DISTRIBUTIONS_ALL	Purchase order distributions (See page 3 – 842)
PO_DOCUMENT_TYPES_ALL_B	Document types (See page 3 – 848)
PO_HEADERS_ALL	Document headers (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 851)
PO_LINES_ALL	Purchase document lines (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 858)
PO_LINE_LOCATIONS_ALL	Document shipment schedules (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 864)
PO_LINE_TYPES_B	Line types (See page 3 – 872)
PO_RELEASES_ALL	Purchase order releases (See page 3 – 874)
PO_REQUISITION_HEADERS_ALL	Requisition headers (See page 3 – 879)
PO_REQUISITION_LINES_ALL	Requisition lines (See page 3 – 883)
PO_REQ_DISTRIBUTIONS_ALL	Requisition distributions (See page 3 – 890)
PO_VENDORS	Suppliers (See page 3 – 893)
PO_VENDOR_SITES_ALL	Supplier sites (See page 3 – 900)
RA_ADDRESSES_ALL	Customer address information (See page 3 – 906)
RA_BATCHES_ALL	Invoice batch information (See page 3 – 911)
RA_BATCH_SOURCES_ALL	Sources of invoice, credit memo and commitments (See page 3 – 914)
RA_CONTACTS	Contacts for customers, addresses, and site uses (See page 3 – 919)
RA_CONTACT_ROLES	Contact roles (See page 3 – 922)
RA_CUSTOMERS	Customer information (See page 3 – 924)
RA_CUSTOMER_MERGES	Information about customers, addresses, and site uses that are being merged or moved (See page 3 – 930)
RA_CUSTOMER_TRX_ALL	Header-level information about invoices, debit memos, chargebacks, commitments and credit memos (See page 3 – 933)
RA_CUSTOMER_TRX_LINES_ALL	Invoice, debit memo, chargeback, credit memo and commitment lines (See page 3 – 943)

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RA_CUST_TRX_TYPES_ALL	Transaction type for invoices, commitments and credit memos (See page 3 – 950)
RA_INTERFACE_DISTRIBUTIONS_ALL	Accounting distributions for transactions imported using AutoInvoice (See page 3 – 954)
RA_INTERFACE_ERRORS_ALL	Interface data that failed AutoInvoice validation (See page 3 – 958)
RA_INTERFACE_LINES_ALL	Information for each invoice line imported using AutoInvoice (See page 3 – 959)
RA_INTERFACE_SALESCREDITS_ALL	Sales credit information for transactions imported using AutoInvoice (See page 3 – 969)
RA_PHONES	Telephone and communications information (See page 3 – 972)
RA_SALESREPS_ALL	Information about salespeople (See page 3 – 974)
RA_SITE_USES_ALL	Business purpose of a customer address (See page 3 – 977)
RA_TAX_EXEMPTIONS_ALL	Percentage that a customer, site, or item is exempt from a tax code (See page 3 – 982)
RA_TERMS_B	Payment Term information (See page 3 – 986)

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## Internal Table List

This section lists each private, internal table that Oracle Projects uses.



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

Oracle Projects uses the following internal tables:

- PA\_PARALLEL\_AUTOINSTALL
- PA\_PROJECT\_ASSET\_LINE\_DETS\_AR

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## Project Analysis Collection Pack Table List

This section lists the Oracle Projects tables that are used by the Project Analysis Collection Pack application. For details about these tables, see the *Project Analysis Collection Pack Implementation Guide*.

Project Analysis Collection Pack uses the following tables:

- PA\_ADW\_DIMENSION\_STATUS
- PA\_ALL\_EXP\_TYPES\_IT
- PA\_ALL\_FINANCIAL\_YRS\_IT
- PA\_ALL\_PRJ\_TYPES\_IT
- PA\_ALL\_SRVC\_TYPES\_IT
- PA\_BGT\_TYPES\_IT
- PA\_CLASS\_CATGS\_IT
- PA\_CLASS\_CODES\_IT
- PA\_EXP\_BUSINESS\_GRP\_S\_IT
- PA\_EXP\_ORGS\_IT
- PA\_EXP\_TYPES\_IT
- PA\_FINANCIAL\_QTRS\_IT
- PA\_FINANCIAL\_YRS\_IT
- PA\_GL\_PERIODS\_IT
- PA\_LEGAL\_ENTITY\_IT
- PA\_LOWEST\_RLMEM\_IT
- PA\_LOWEST\_TASKS\_IT
- PA\_OPER\_UNITS\_IT
- PA\_ORGS\_IT
- PA\_PERIODS\_IT
- PA\_PRJ\_ACT\_CMT\_IT\_ALL
- PA\_PRJ\_BGT\_LINES\_IT\_ALL
- PA\_PRJ\_BUSINESS\_GRP\_S\_IT
- PA\_PRJ\_CLASSES\_IT
- PA\_PRJ\_ORGS\_IT
- PA\_PRJ\_TYPES\_IT\_ALL

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- PA\_PROJECTS\_IT\_ALL
- PA\_RES\_LISTS\_IT\_ALL\_BG
- PA\_SET\_OF\_BOOKS\_IT
- PA\_SRVC\_TYPES\_IT
- PA\_TOP\_RLMEM\_IT
- PA\_TOP\_TASKS\_IT
- PA\_TSK\_ACT\_CMT\_IT\_ALL
- PA\_TSK\_BGT\_LINES\_IT\_ALL



## Public View List

This section lists each public database view that Oracle Projects uses and provides a brief description of each of those views. These views may be useful for your custom reporting or other data requirements. The page reference is to the detailed view description in Chapter 3.

Oracle Projects uses the following public views:

View Name	Description
HR_OPERATING_UNITS	Information about operating units (See page 3 – 152)
PA_ACCUM_RSRC_ACT_BASE_V	A base view that shows project-level and task-level resource actuals (See page 3 – 158)
PA_ACCUM_RSRC_ACT_V	A summary view based on PA_ACCUM_RSRC_ACT_BASE_V (See page 3 – 161)
PA_ACCUM_RSRC_CMT_BASE_V	A base view that shows project-level and task-level resource commitments (See page 3 – 163)
PA_ACCUM_RSRC_CMT_V	A summary view based on PA_ACCUM_RSRC_CMT_BASE_V (See page 3 – 168)
PA_ACCUM_RSRC_COST_BGT_V	A summary view based on PA_ACCUM_RSRC_COST_BGT_V (See page 3 – 169)
PA_ACCUM_RSRC_REV_BGT_BASE_V	A base view that shows project-level and task-level resource amounts (See page 3 – 165)
PA_ACCUM_RSRC_REV_BGT_V	A summary view based on PA_ACCUM_RSRC_REV_BGT_BASE_V (See page 3 – 171)
PA_ACCUM_WBS_ACT_V	A reporting view that shows actual cost and revenue totals for projects and tasks (See page 3 – 174)
PA_ACCUM_WBS_CMT_V	A reporting view that shows commitment totals for projects and tasks (See page 3 – 176)
PA_ACCUM_WBS_COST_BGT_V	A reporting view that shows original and baseline budget totals by cost budget type (See page 3 – 178)
PA_ACCUM_WBS_REV_BGT_V	A reporting view that shows original and baseline budget totals by revenue budget type (See page 3 – 180)
PA_ACT_BY_GL_PERIOD_V	Actual cost and revenue totals for lowest level tasks and resources by GL period (See page 3 – 182)

PA_ACT_BY_PA_PERIOD_V	Actual cost and revenue totals for lowest level tasks and resources by PA period (See page 3 – 184)
PA_AP_INV_EXCEPTIONS_DET_V	Details of Oracle Payables invoices that prevent a period from being closed (See page 3 – 212)
PA_AP_INV_EXCEPTIONS_SUM_V	Oracle Payables invoices that prevent a period from being closed (See page 3 – 214)
PA_AUTOACCOUNTING_LOOKUPS_VIEW	AutoAccounting lookup set values (See page 3 – 216)
PA_BILLING_INV_DELETION_V	Returns information about draft invoices that may be deleted in current run (See page 3 – 226)
PA_BILLING_INV_PROCESSED_V	Returns information about invoices processed in the current run, for use with billing extensions (See page 3 – 227)
PA_BILLING_INV_TRANSACTIONS_V	Returns detail information for amount processed in the current run (See page 3 – 228)
PA_BILLING_ORIG_EVENTS_V	Runtime view for use in billing extensions that shows event info (See page 3 – 232)
PA_BILLING_REV_DELETION_V	Returns information about draft revenues that are eligible for deletion in current run for use in billing extensions (See page 3 – 234)
PA_BILLING_REV_INV_DELETION_V	Returns information about draft invoices that will be deleted in the current run of revenue generation (See page 3 – 235)
PA_BILLING_REV_TRANSACTIONS_V	Returns detail information for amounts processed in the current run of revenue generation (See page 3 – 236)
PA_BURDEN_DETAILS_BASE_V	View of burden cost components for a given compiled set ID, expenditure type, and expenditure organization (See page 3 – 254)
PA_BURDEN_EXP_ITEM_CDL_V	All summarized burden expenditure items and their cost distribution lines (See page 3 – 256)
PA_CC_EXCEPTIONS_DET_MRC_V	MRC cross charge distributions that prevent a period from being closed This view in period close reports (See page 3 – 264)

PA_CC_EXCEPTIONS_DET_V	This view is in period close reports. It shows the details of all cross charge distribution lines that prevent closing a period (See page 3 – 266)
PA_CC_EXCEPTIONS_SUM_MRC_V	This view is used in period close reports. It shows all cross charge distribution lines that prevent closing a period (See page 3 – 268)
PA_CC_EXCEPTIONS_SUM_V	Cross charge distributions that prevent a period from being closed. This view is used in period close reports. (See page 3 – 270)
PA_CC_GL_COST_XFER_AUDIT_V	View for Cross Charge Audit by GL Account showing the Cross Charge Distribution Lines and the corresponding entries in Oracle General Ledger (See page 3 – 272)
PA_CDL_BURDEN_DETAIL_V	Indirect cost components of all the non-summarized transactions (See page 3 – 286)
PA_CDL_BURDEN_SUMMARY_V	Summarization criteria for burden summarization of expenditure items (See page 3 – 289)
PA_CMT_BURDEN_DETAIL_V	This view displays the indirect cost components of all the non-summarized Commitment transactions of a project using the proper indirect rate schedules and revisions (See page 3 – 296)
PA_CMT_BURDEN_SUMMARY_V	This user-customizable view defines the summarization criteria for burden summarization of commitment transactions (See page 3 – 298)
PA_CMT_BURDEN_SUM_ERROR_V	This view lists the commitment transactions that are in error during burden summarization. (See page 3 – 301)
PA_CMT_BURDEN_TXN_V	This view lists all the summarized burden commitment transactions (See page 3 – 303)
PA_CMT_BY_GL_PERIOD_V	This view displays current commitment totals for lowest level tasks and resources by GL periods (See page 3 – 304)
PA_CMT_BY_PA_PERIOD_V	This view displays current commitment totals for lowest level tasks and resources by PA periods (See page 3 – 305)
PA_COMMITMENT_TXNS_V	A view of all outstanding project-related commitment costs (See page 3 – 310)

PA_COST_BURDEN_DETAILS_V	View of individual burden cost components of the burdened cost of each expenditure item that is burdened (See page 3 – 329)
PA_COST_EXCEPTIONS_DET_V	Identifies the details cost distribution lines that prevent a period from being closed (See page 3 – 339)
PA_COST_EXCEPTIONS_SUM_V	Identifies the details cost distribution lines that prevent a period from being closed (See page 3 – 341)
PA_CURRENCY_UOM_V	View used to configure currency unit of measure (See page 3 – 346)
PA_CUSTOMERS_LOV_V	This view displays all the valid customers for a given project or template (See page 3 – 347)
PA_DISTRIBUTION_RULES_LOV_V	This view displays all the relevant distribution rules for a template (See page 3 – 356)
PA_DR_EXCEPTIONS_DET_V	Identifies the draft revenues that prevent a period from being closed (See page 3 – 377)
PA_DR_EXCEPTIONS_SUM_V	Identifies the draft revenues that prevent a period from being closed (See page 3 – 378)
PA_EMPLOYEES	View to display the current PER_PEOPLE_F record for employees (See page 3 – 387)
PA_EXP_OVRDE_APPROVER_V	Customizable view used to display overriding approver in Self-Service Time application (See page 3 – 433)
PA_GL_COST_XFER_AUDIT_V	View for Cost Audit by GL Account showing the cost distribution lines and the corresponding entries in Oracle General Ledger (See page 3 – 437)
PA_GL_REV_XFER_AUDIT_V	View for Revenue Audit by GL Account showing the revenue distribution lines and the corresponding entries in Oracle General Ledger (See page 3 – 440)
PA_IND_RATE_SCHEDULES	View of all burden schedules owned by the business group (See page 3 – 457)
PA_INV_BURDEN_DETAILS_LM_V	View of individual burden cost components, along with the labor multiplier, of the bill amount (See page 3 – 469)
PA_INV_BURDEN_DETAILS_V	View of individual burden cost components of invoice amount of expenditure items (See page 3 – 471)

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PA_JE_LINES	View of GL journal entry lines for Oracle Projects cost and revenue transactions (See page 3 – 475)
PA_KEY_MEMBERS_LOV_V	This view displays all the key members for a given project or template (See page 3 – 480)
PA_LABOR_EXPENDITURES_VIEW	View of detail labor transactions for employee activity and utilization (See page 3 – 482)
PA_LOOKUPS	System defined lookup codes and their corresponding meaning for Oracle Projects, displayed in the language of the session. (See page 2 – 55)
PA_LOOKUP_TYPES	System-defined application-specific categories of lookup codes for Oracle Projects. (See page 3 – 489)
PA_ONLINE_EXPENDITURE_TYPES_V	Customizable view for expenditure types used in Self-Service Time application (See page 3 – 522)
PA_ONLINE_PROJECTS_V	Customizable view for projects used in Self-Service Time application (See page 3 – 525)
PA_ONLINE_TASKS_V	Customizable view for tasks used in Self-Service Time application (See page 3 – 526)
PA_ORGANIZATIONS_EXP_ALL_BG_V	All expenditure organizations for a business group (See page 3 – 528)
PA_ORGANIZATIONS_PROJECT_V	View of the organizations that can be used as owning organizations of projects and tasks (See page 3 – 529)
PA_ORGANIZATIONS_PROJ_ALL_BG_V	View of organizations that can be used as owning organizations of projects and tasks (See page 3 – 530)
PA_ORG_REPORTING_VIEW	View used in reports to report all organizations below a start organization (See page 3 – 532)
PA_PA_PERIODS_V	All the implementation-defined PA periods by which project performance is measured (See page 3 – 534)
PA_PERIODS_COPY_V	View to determine which PA periods to copy from GL periods (See page 3 – 538)
PA_PM_REFERENCE_V	Oracle Projects identifiers and external project management system references (See page 3 – 541)
PA_PROJECT_INVOICE_RECEIVABLES	Outstanding receivables for invoices interfaced from Oracle Projects to Oracle Receivables (See page 3 – 577)

PA_PROJECT_INVOICE_VIEW	Released invoices for a project that can be used for management reporting and online queries (See page 3 – 578)
PA_PROJ_ADJUSTMENTS_VIEW	Adjustment activity on expenditure items for a project (See page 3 – 592)
PA_PROJ_APPR_PO_DISTRIBUTIONS	All approved and uninvoiced purchase order distributions that are project-related (See page 3 – 595)
PA_PROJ_APPR_REQ_DISTRIBUTIONS	All approved and unpurchased requisition distributions that are project-related. (See page 3 – 597)
PA_PROJ_AP_INV_DISTRIBUTIONS	Project-related AP invoice distributions not yet in Oracle Projects (See page 3 – 599)
PA_PROJ_BILLING_DETAIL_VIEW	Base view used to report billing status detail for projects (See page 3 – 603)
PA_PROJ_BILLING_STATUS_VIEW	View to report billing status of projects (See page 3 – 607)
PA_PROJ_CCREV_COST_V	View for costs used in cost-to-cost revenue calculation (See page 3 – 609)
PA_PROJ_COMMITMENT_BASE_VIEW	Base view of project commitment reporting view PA_PROJ_COMMITMENT_STATUS (See page 3 – 610)
PA_PROJ_COMMITMENT_STATUS	View of project commitment costs, including requisitions, purchase orders, and pending vendor invoices (See page 3 – 611)
PA_PROJ_COST_EXPEND_VIEW	Transactions for project costing projects, including quantities and cost amounts. (See page 3 – 612)
PA_PROJ_EVENTS_VIEW	Event information for projects (See page 3 – 616)
PA_PROJ_EXPEND_VIEW	View of all project expenditure items (See page 3 – 619)
PA_PROJ_INFO_VIEW	Basic project information for projects (See page 3 – 624)
PA_PROJ_INVOICES_VIEW	View of all project invoices (See page 3 – 627)
PA_PROJ_INVOICE_BASE_VIEW	The base view for reporting revenue and invoice totals for projects (See page 3 – 632)
PA_PROJ_INVOICE_DETAILS_VIEW	Detail expenditure items included on project invoices (See page 3 – 634)
PA_PROJ_INVOICE_EVENTS_VIEW	Events included on project invoices (See page 3 – 637)

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PA_PROJ_INVOICE_SUMMARY_VIEW	Summary revenue and invoice amounts for projects (See page 3 – 639)
PA_PROJ_MEMBERS_VIEW	Project information for use in reporting by project member (See page 3 – 641)
PA_PROJ_PEND_PO_DISTRIBUTIONS	Project-related unapproved, uninvoiced purchase order distributions (See page 3 – 643)
PA_PROJ_PEND_REQ_DISTRIBUTIONS	Project-related unapproved, unpurchased requisition distributions (See page 3 – 645)
PA_PROJ_PO_DISTRIBUTIONS	Project-related uninvoiced purchase order distributions (See page 3 – 647)
PA_PROJ_RELEASED_INVOICES_VIEW	Released invoices for projects (See page 3 – 650)
PA_PROJ_REQ_DISTRIBUTIONS	Project-related distributions in Oracle Purchasing that have not yet been purchased as a purchase order (See page 3 – 653)
PA_PROJ_REVENUE_VIEW	Project draft revenues (See page 3 – 655)
PA_PROJ_TRANSFERS_VIEW	Transferred expenditure items. (See page 3 – 658)
PA_PROJ_UNBILLED_BASE_VIEW	Base view of project unbilled amounts based on detail transactions (See page 3 – 662)
PA_PROJ_UNBILLED_EXPEND_VIEW	Unbilled expenditure items for projects (See page 3 – 664)
PA_PROJ_UNBILLED_SUMMARY_VIEW	Summary unbilled and billing hold amounts for projects (See page 3 – 666)
PA_PROJ_WBS_VIEW	Project work breakdown structure (See page 3 – 667)
PA_RESOURCE_LISTS	Resource lists for the business group specified in the implementation options (See page 3 – 690)
PA_RESOURCE_LIST_GROUPS_V	All the resource groups that have been defined in a resource list (See page 3 – 694)
PA_RESOURCE_LIST_V	Details about a resource list and related resource list members. (See page 3 – 698)
PA_REV_BURDEN_DETAILS_V	Individual burden cost components of the revenue amount for expenditure items that accrue revenue using burden schedules (See page 3 – 705)

PA_RPT_CUST_ACT_SUMMARY	Reporting view that displays project-level actuals by customer (See page 3 – 709)
PA_RPT_CUST_BGT_SUMMARY	Reporting view that displays project-level budgets by customer (See page 3 – 712)
PA_RPT_CUST_SUMMARY	Reporting view that displays summary project-level actuals and budgets by customer (See page 3 – 715)
PA_RPT_PRJ_ACT_SUMMARY	Reporting view that displays project-level actuals (See page 3 – 720)
PA_RPT_PRJ_BGT_SUMMARY	Summary project-level budget information for Oracle Discoverer Workbooks (See page 3 – 722)
PA_RPT_PRJ_CMT_SUMMARY	Reporting view that displays project-level commitments (See page 3 – 725)
PA_RPT_PRJ_SUMMARY	Reporting view that displays summary project-level actuals, commitments, and budgets (See page 3 – 726)
PA_RPT_PROJECT_ATTRIBUTES	Reporting view that displays project information (See page 3 – 733)
PA_SELECT_TEMPLATE_V	All the valid project templates that have been created in Oracle Projects (See page 3 – 742)
PA_TRANSFER_AP_INVOICES_VIEW	Project-related invoice distributions in Oracle Payables. (See page 3 – 776)
PA_USER_RESP_V	This view displays all the applications responsibilities for a given user (See page 3 – 794)
PER_ASSIGNMENTS_F	Secure view based on the corresponding ”_ALL” table. (See page 3 – 810)
PER_BUSINESS_GROUPS	View based on HR_ORGANIZATION_UNITS and HR_ORGANIZATION that returns specific information for a business group (See page 3 – 816)
PER_ORGANIZATION_UNITS	Lists information about organization units (See page 3 – 825)
PER_PEOPLE_F	Secure view based on the corresponding ”_ALL” table. (See page 3 – 830)

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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 Projects forms.



**Warning:** We do not recommend you query or alter data using these views. Furthermore, these views may change dramatically in subsequent minor or major releases of Oracle Projects.

Oracle Projects uses the following Forms and Table views:

- HR\_ORGANIZATION\_UNITS
- PA\_ACCUM\_CATEGORIES\_V
- PA\_ACCUM\_COLUMNS\_V
- PA\_ACCUM\_COLUMN\_VALUES\_V
- PA\_ACCUM\_VIEW
- PA\_AEL\_GL\_DR\_V
- PA\_AEL\_SL\_DR\_V
- PA\_AGREEMENTS\_V
- PA\_ALLOC\_AUDIT\_BASIS\_V
- PA\_ALLOC\_AUDIT\_GL\_V
- PA\_ALLOC\_AUDIT\_SOURCES\_V
- PA\_ALLOC\_BUDGET\_ENTRY\_METHOD\_V
- PA\_ALLOC\_BUDGET\_TYPES\_V
- PA\_ALLOC\_EXCEPTIONS\_V
- PA\_ALLOC\_GL\_AMOUNT\_TYPE\_V
- PA\_ALLOC\_MISSING\_COSTS\_V
- PA\_ALLOC\_OFFSET\_PROJECTS\_V
- PA\_ALLOC\_PA\_AMOUNT\_TYPE\_V
- PA\_ALLOC\_PERIODS\_V
- PA\_ALLOC\_RESOURCES\_V
- PA\_ALLOC\_RULES\_V
- PA\_ALLOC\_RUNS\_V

- PA\_ALLOC\_RUN\_RULES\_V
- PA\_ALLOC\_SOURCE\_LINES\_V
- PA\_ALLOC\_SRC\_PROJECTS\_V
- PA\_ALLOC\_SRC\_TASKS\_V
- PA\_ALLOC\_TARGET\_LINES\_V
- PA\_ALLOC\_TARGET\_PROJ\_V
- PA\_ALLOC\_TGT\_TASKS\_V
- PA\_ALLOC\_TRANSACTIONS\_V
- PA\_ASSET\_LINE\_DETAILS\_V
- PA\_AUTOALLOC\_RULES\_V
- PA\_BASE\_BUDGET\_BY\_RESOURCE\_V
- PA\_BILL\_RATES\_V
- PA\_BUDGET\_BY\_PA\_PERIOD\_V
- PA\_BUDGET\_BY\_RESOURCE\_V
- PA\_BUDGET\_CHANGE\_REASON\_V
- PA\_BUDGET\_ENTRY\_METHODS\_V
- PA\_BUDGET\_LINES\_V
- PA\_BUDGET\_MATRIX\_V
- PA\_BUDGET\_PERIODS\_V
- PA\_BUDGET\_RESOURCES\_V
- PA\_BUDGET\_RESOURCE\_LISTS\_V
- PA\_BUDGET\_VERSIONS\_BASELINED\_V
- PA\_BUDGET\_VERSIONS\_DRAFT\_V
- PA\_CAPITAL\_COMMON\_TASKS\_V
- PA\_CAPITAL\_EXCEPTIONS
- PA\_CAPITAL\_PROJECTS\_V
- PA\_CC\_TP\_BILL\_SCH\_ORGZN\_V
- PA\_CC\_TP\_BILL\_SCH\_ORG\_V
- PA\_CC\_TP\_RULES\_V
- PA\_CC\_TP\_SCHEDULE\_LINES\_V

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- PA\_CHILD\_RESOURCES\_V
- PA\_CLASS\_CATEGORIES\_LOV\_V
- PA\_CONVERSION\_TYPES\_V
- PA\_COST\_BASE\_V
- PA\_COST\_DIST\_OVERRIDES\_V
- PA\_CP\_ASSET\_NAMES\_V
- PA\_CP\_GENERATE\_ASSET\_BASE\_V
- PA\_CP\_GENERATE\_ASSET\_V
- PA\_CROSS\_CHARGEABLE\_OU\_BASE\_V
- PA\_CUR\_EMP\_V
- PA\_CUSTOMER\_AGREEMENTS\_V
- PA\_CUSTOMER\_RELATIONSHIPS\_V
- PA\_CUST\_REV\_DIST\_LINES\_V
- PA\_DRAFT\_INVOICES\_V
- PA\_DRAFT\_INV\_LINE\_DETAILS\_V
- PA\_DRAFT\_REVENUE\_ITEMS\_V
- PA\_EMPLOYEES\_RES\_V
- PA\_EVENTS\_V
- PA\_EVENT\_TYPES\_V
- PA\_EVENT\_TYPE\_CLASSES\_RES\_V
- PA\_EVENT\_TYPE\_CLASSES\_V
- PA\_EXPENDITURES\_ROUTINGS\_V
- PA\_EXPENDITURES\_V
- PA\_EXPENDITURE\_COST\_RATES\_V
- PA\_EXPENDITURE\_GROUPS\_V
- PA\_EXPENDITURE\_HISTORY\_V
- PA\_EXPENDITURE\_ITEMS\_V
- PA\_EXPENDITURE\_TYPES\_DESC\_V
- PA\_EXPENDITURE\_TYPES\_RES\_V
- PA\_EXPENDITURE\_TYPES\_V

- PA\_EXPEND\_ALIASES\_V
- PA\_EXPEND\_CATEGORIES\_RES\_V
- PA\_EXPEND\_ITEMS\_ADJUST2\_V
- PA\_EXPEND\_ITEMS\_ADJUST\_V
- PA\_EXPEND\_TYP\_SYS\_LINKS\_V
- PA\_EXPND\_ITEMS\_REVIEW\_V
- PA\_EXP\_CAT\_GL\_VIEW
- PA\_EXP\_CAT\_PA\_VIEW
- PA\_EXP\_ORG\_GL\_VIEW
- PA\_EXP\_ORG\_PA\_VIEW
- PA\_EXP\_TYPE\_GL\_VIEW
- PA\_EXP\_TYPE\_PA\_VIEW
- PA\_GL\_VIEW
- PA\_JOBS\_RES\_V
- PA\_JOBS\_V
- PA\_JOB\_DISCIPLINES\_V
- PA\_JOB\_LEVELS\_V
- PA\_MULTI\_CUSTOMERS\_V
- PA\_MU\_BATCHES\_V
- PA\_MU\_DETAILS\_V
- PA\_MU\_PROJECTS\_LOV\_V
- PA\_NG\_BUDGET\_BY\_PA\_PERIOD\_V
- PA\_NG\_BUDGET\_BY\_RESOURCE\_V
- PA\_NLR\_ORGANIZATIONS\_RES\_V
- PA\_NON\_LABOR\_RESOURCES\_RES\_V
- PA\_ORGANIZATIONS\_BURDEN\_V
- PA\_ORGANIZATIONS\_LOV\_V
- PA\_ORGANIZATIONS\_RES\_V
- PA\_ORGANIZATIONS\_V
- PA\_ORIG\_BUDGET\_BY\_RESOURCE\_V

- PA\_OUTPUT\_TAX\_HANDLING\_V
- PA\_OUTPUT\_TAX\_REASON\_V
- PA\_PARENT\_RESOURCES\_V
- PA\_PA\_VIEW
- PA\_PERCENT\_COMPLETES\_V
- PA\_PERIODS\_V
- PA\_PM\_PRODUCT\_CONTROL\_RULES\_V
- PA\_PROJECTS\_ALL\_BASIC\_V
- PA\_PROJECTS\_BASIC\_V
- PA\_PROJECTS\_UPDATE\_V
- PA\_PROJECTS\_V
- PA\_PROJECT\_ASSETS\_V
- PA\_PROJECT\_ASSET\_ASSIGNMENTS\_V
- PA\_PROJECT\_ASSET\_DRILLDOWN\_V
- PA\_PROJECT\_ASSET\_LINES\_V
- PA\_PROJECT\_CLASSES\_V
- PA\_PROJECT\_CONTACTS\_V
- PA\_PROJECT\_CUSTOMERS\_V
- PA\_PROJECT\_FUNDINGS\_V
- PA\_PROJECT MANAGERS\_V
- PA\_PROJECT\_OPTIONS\_V
- PA\_PROJECT\_PLAYERS\_ALL\_V
- PA\_PROJECT\_PLAYERS\_V
- PA\_PROJECT\_TYPES\_V
- PA\_PROJECT\_TYPE\_CLASSES\_V
- PA\_PROJ\_ORG\_STRUCTURES\_V
- PA\_PROJ\_SUMMARY\_AMOUNTS\_V
- PA\_PRVDR\_CC\_ORG\_REL\_V
- PA\_PURGE\_BATCHES\_V
- PA\_PURGE\_PROJECTS\_LOV\_V

- PA\_PURGE\_PROJECTS\_V
- PA\_RECVR\_CC\_ORG\_REL\_V
- PA\_RESOURCES\_V
- PA\_RESOURCE\_GROUPS\_VALID\_V
- PA\_RESOURCE\_LISTS\_ACTIVE\_V
- PA\_RESOURCE\_LIST\_USES\_V
- PA\_RESOURCE\_LIST\_USE\_CODES\_V
- PA\_RESOURCE\_TXN\_ATTRIBUTES\_V
- PA\_RESOURCE\_TYPES\_ACTIVE\_V
- PA\_REVENUE\_CATEGORIES\_RES\_V
- PA\_REVENUE\_CATEGORIES\_V
- PA\_REV\_CAT\_GL\_VIEW
- PA\_REV\_CAT\_PA\_VIEW
- PA\_ROUTING\_HISTORY\_V
- PA\_SEGMENT\_RULE\_PAIRINGS\_V
- PA\_STATUS\_EI\_BASE\_V
- PA\_STATUS\_EI\_DRIVE\_V
- PA\_STATUS\_EI\_V
- PA\_STATUS\_PROJ\_CMT\_BASE\_V
- PA\_STATUS\_PROJ\_TOTALS\_V
- PA\_STATUS\_RSRC\_EI\_BASE\_V
- PA\_STATUS\_TASK\_EI\_BASE\_V
- PA\_STATUS\_CMT\_BASE\_V
- PA\_STATUS\_EVENTS\_V
- PA\_STATUS\_EV\_BASE\_V
- PA\_STATUS\_PROJ\_ACCUM\_HEADERS\_V
- PA\_STATUS\_PROJ\_BGT\_COST\_V
- PA\_STATUS\_PROJ\_BGT\_REV\_V
- PA\_STATUS\_PROJ\_GENERIC\_V
- PA\_STATUS\_PROJ\_V

- PA\_STATUS\_RSRC\_ACT\_HIGH\_V
- PA\_STATUS\_RSRC\_ACT\_LOW\_V
- PA\_STATUS\_RSRC\_BGT\_COST\_HIGH\_V
- PA\_STATUS\_RSRC\_BGT\_COST\_LOW\_V
- PA\_STATUS\_RSRC\_BGT\_REV\_HIGH\_V
- PA\_STATUS\_RSRC\_BGT\_REV\_LOW\_V
- PA\_STATUS\_RSRC\_CMT\_BASE\_V
- PA\_STATUS\_RSRC\_CMT\_HIGH\_V
- PA\_STATUS\_RSRC\_CMT\_LOW\_V
- PA\_STATUS\_RSRC\_EV\_BASE\_V
- PA\_STATUS\_RSRC\_GENERIC\_V
- PA\_STATUS\_RSRC\_V
- PA\_STATUS\_TASK\_ACT\_V
- PA\_STATUS\_TASK\_BGT\_COST\_HIGH\_V
- PA\_STATUS\_TASK\_BGT\_COST\_LOW\_V
- PA\_STATUS\_TASK\_BGT\_REV\_HIGH\_V
- PA\_STATUS\_TASK\_BGT\_REV\_LOW\_V
- PA\_STATUS\_TASK\_CMT\_BASE\_V
- PA\_STATUS\_TASK\_CMT\_V
- PA\_STATUS\_TASK\_EV\_BASE\_V
- PA\_STATUS\_TASK\_GENERIC\_V
- PA\_STATUS\_TASK\_V
- PA\_SUMMARY\_PROJECT\_FUNDINGS\_V
- PA\_SYSTEM\_LINKAGES\_V
- PA\_TASKS\_ALL\_V
- PA\_TASKS\_LOV\_V
- PA\_TASKS\_LOWEST\_V
- PA\_TASKS\_TOP\_V
- PA\_TASKS\_V
- PA\_TASKS\_WBS\_V

- PA\_TASK\_BUDGETS2\_V
- PA\_TRANSACTION\_INTERFACE\_V
- PA\_VENDORS\_RES\_V
- PA\_WBS\_V
- PER\_PEOPLE\_X



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## Internal View List

This section lists each private, internal view that Oracle Projects 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 Projects uses the following internal views:

- PA\_ACCUM\_CMT\_TXNS\_V
- PA\_ACCUM\_PERIOD\_EXCEPTIONS\_V
- PA\_ACCUM\_PROJ\_CMT\_TXNS\_BASE\_V
- PA\_ACCUM\_RSRC\_CMT\_TXNS\_BASE\_V
- PA\_ACCUM\_RSRC\_COST\_BGT\_BASE\_V
- PA\_ACCUM\_TASK\_CMT\_TXNS\_BASE\_V
- PA\_AEL\_GL\_EI\_V
- PA\_AEL\_SL\_EI\_V
- PA\_AMG\_RESOURCE\_INFO\_V
- PA\_BASE\_BUDGET\_BY\_GL\_PERIOD\_V
- PA\_BASE\_BUDGET\_BY\_PA\_PERIOD\_V
- PA\_BIS\_AMOUNT\_TYPES\_V
- PA\_BIS\_CLASS\_PRJ\_BY\_PERIOD\_V
- PA\_BIS\_CLASS\_PRJ\_TO\_DATE\_V
- PA\_BIS\_CLASS\_TO\_DATE\_V
- PA\_BIS\_ORG\_PRJ\_BY\_PERIOD\_V
- PA\_BIS\_ORG\_PRJ\_TO\_DATE\_V
- PA\_BIS\_ORG\_TO\_DATE\_V
- PA\_BIS\_PATH\_NAME\_LIST\_V
- PA\_BIS\_PRJ\_BY\_PRD\_DRILLS
- PA\_BIS\_PRJ\_TO\_DATE\_DRILLS
- PA\_BIS\_TOTALS\_BY\_PERIOD\_V
- PA\_BIS\_TOTALS\_BY\_PRD
- PA\_BIS\_TOTALS\_TO\_DATE
- PA\_BIS\_TOTALS\_TO\_DATE\_V

- PA\_BIS\_TO\_DATE\_DRILLS
- PA\_BUDGET\_STATUS\_CODES\_V
- PA\_BUDGET\_TYPES\_V
- PA\_BURDEN\_COMPONENT\_CMT\_V
- PA\_BURDEN\_COMPONENT\_COST\_V
- PA\_CAPITAL\_PROJECTS\_BASE\_V
- PA\_CC\_BL\_CUR\_SEL\_V
- PA\_CC\_DIST\_LINES\_SUMMARIZE\_V
- PA\_CC\_TP\_RULES
- PA\_CC\_TP\_SCHEDULES
- PA\_CDL\_BURDEN\_SUM\_ERROR\_V
- PA\_CE\_BILLING\_EVENTS\_V
- PA\_CE\_EXP\_REPORTS\_V
- PA\_CE\_INVOICES\_V
- PA\_CE\_PROJECTS\_SEC\_V
- PA\_CE\_PROJECTS\_V
- PA\_CE\_TRANSACTIONS\_V
- PA\_CROSS\_CHARGEABLE\_OU\_V
- PA\_CUSTOMERS\_V
- PA\_DRAFT\_INVOICE\_LINES\_V
- PA\_DRAFT\_REVENUES\_V
- PA\_EI\_DENORM\_V
- PA\_EMPLOYEES\_ADMIN\_V
- PA\_EVENT\_OUTPUT\_TAX
- PA\_EVENT\_TYPES\_RES\_V
- PA\_EXPENDITURE\_TYPES\_EXPEND\_V
- PA\_EXPEND\_OUTPUT\_TAX
- PA\_GL\_PERIODS\_V
- PA\_LOWEST\_LEVEL\_RESOURCES\_V
- PA\_ONLINE\_EXP\_V

- PA\_ORGANIZATIONS\_ALL\_EXPEND\_V
- PA\_ORGANIZATIONS\_EVENT\_V
- PA\_ORGANIZATIONS\_EXPEND\_V
- PA\_ORGANIZATIONS\_SBRV\_V
- PA\_ORIG\_BUDGET\_BY\_GL\_PERIOD\_V
- PA\_ORIG\_BUDGET\_BY\_PA\_PERIOD\_V
- PA\_OUTPUT\_TAX\_CODE\_SETUP\_ALL\_V
- PA\_OUTPUT\_TAX\_CODE\_SETUP\_V
- PA\_OUTPUT\_TAX\_CODE\_TXN\_V
- PA\_OUTPUT\_TAX\_EXEMPT\_NUMBER\_V
- PA\_OVERRIDE\_FIELDS\_V
- PA\_OVERRIDE\_FIELD\_VALUES\_V
- PA\_PRJ\_ACCUM\_PERIODS\_V
- PA\_PROJECTS\_EXPEND\_V
- PA\_PROJECTS\_FOR\_ACCUM\_V
- PA\_PROJECT\_STATUS\_LOV\_V
- PA\_PROJ\_COST\_SUBLEDGER\_V
- PA\_PTE\_DL\_ET\_V
- PA\_PTE\_DL\_LKUP\_V
- PA\_PTE\_DL\_WBS\_V
- PA\_PTE\_EMPLOYEES\_V
- PA\_PTE\_EXPENDITURES\_DLD\_V
- PA\_PTE\_MULTI\_ORG\_EMP\_MAP
- PA\_PTE\_ORGS\_V
- PA\_PTE\_PROJ\_ROLE\_TYPE\_V
- PA\_PTE\_PROJ\_TYPES\_V
- PA\_PTE\_WBS\_DOWNLOAD\_V
- PA\_QRY\_RESOURCE\_LISTS\_V
- PA\_QUERY\_RES\_LIST\_MEMBERS\_V
- PA\_RESOURCE\_LIST\_MEMBERS\_V

- PA\_RPT\_CUST\_SUMMARY\_BASE\_V
- PA\_RPT\_PRJ\_SUMMARY\_BASE\_V
- PA\_SERVICE\_TYPE\_LOV\_V
- PA\_SRS\_COST\_BATCH\_NAME\_V
- PA\_SRS\_REV\_BATCH\_NAME\_V
- PA\_SST\_MODIFY\_TIMECARD\_V
- PA\_SST\_VIEW\_PROJECTS\_TASKS\_V
- PA\_SST\_VIEW\_TIMECARD\_HISTORY\_V
- PA\_STATUS\_COMMITMENTS\_V
- PA\_STD\_BILL\_RATE\_SCHEDULES
- PA\_TASKS\_AMG\_V
- PA\_TASKS\_EXPEND\_V
- PA\_TASK\_BUDGETS\_V
- PA\_TASK\_MANAGERS\_LOV\_V
- PA\_TODATE\_BASE\_BUDGET\_V
- PA\_TODATE\_BASE\_ORIG\_BUDGET\_V
- PA\_TODATE\_ORIG\_BUDGET\_V
- PA\_TRX\_IMPORT\_BATCHES\_V
- PA\_TRX\_INTF\_BATCH\_NAME\_V
- PA\_TRX\_INTF\_ORIG\_TRANSREF\_V
- PA\_TXN\_ACCUM\_V
- PA\_TXN\_SOURCES\_IMPORT\_SRS\_V
- PA\_XCHARGE\_PROJECT\_ORGS\_V
- PA\_XCHARGE\_PROJECT\_TYPES\_V

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## Project Analysis Collection Pack View List

This section lists the Oracle Projects views that are used by the Project Analysis Collection Pack application. For details about these views, see the *Project Analysis Collection Pack Implementation Guide*.

Project Analysis Collection Pack uses the following views:

- PA\_ADW\_ACT\_CMT\_B\_V
- PA\_ADW\_ACT\_CMT\_V
- PA\_ADW\_BGT\_LINES\_B\_V
- PA\_ADW\_BGT\_LINES\_V
- PA\_ADW\_BGT\_TYPES\_B\_V
- PA\_ADW\_BGT\_TYPES\_V
- PA\_ADW\_CLASS\_CATGS\_B\_V
- PA\_ADW\_CLASS\_CATGS\_V
- PA\_ADW\_CLASS\_CODES\_B\_V
- PA\_ADW\_CLASS\_CODES\_V
- PA\_ADW\_CURRENT\_TASKS
- PA\_ADW\_EXP\_TYPES\_B\_V
- PA\_ADW\_EXP\_TYPES\_V
- PA\_ADW\_INTERFACED\_TASKS
- PA\_ADW\_LOWEST\_RLMEM\_B\_V
- PA\_ADW\_LOWEST\_RLMEM\_V
- PA\_ADW\_LOWEST\_TASKS\_B\_V
- PA\_ADW\_LOWEST\_TASKS\_V
- PA\_ADW\_OPER\_UNITS\_B\_V
- PA\_ADW\_OPER\_UNITS\_V
- PA\_ADW\_ORGS\_B\_V
- PA\_ADW\_ORGS\_V
- PA\_ADW\_PERIODS\_B\_V
- PA\_ADW\_PERIODS\_V
- PA\_ADW\_PRJ\_CLASSES\_B\_V
- PA\_ADW\_PRJ\_CLASSES\_V

- PA\_ADW\_PRJ\_TYPES\_B\_V
- PA\_ADW\_PRJ\_TYPES\_V
- PA\_ADW\_PROJECTS\_B\_V
- PA\_ADW\_PROJECTS\_V
- PA\_ADW\_RES\_LISTS\_B\_V
- PA\_ADW\_RES\_LISTS\_V
- PA\_ADW\_R\_ACT\_CMT\_B\_V
- PA\_ADW\_R\_ACT\_CMT\_V
- PA\_ADW\_R\_BGT\_LINES\_B\_V
- PA\_ADW\_R\_BGT\_LINES\_V
- PA\_ADW\_R\_ST\_ACT\_CMT\_B\_V
- PA\_ADW\_R\_ST\_ACT\_CMT\_V
- PA\_ADW\_SRVC\_TYPES\_B\_V
- PA\_ADW\_SRVC\_TYPES\_V
- PA\_ADW\_TOP\_RLMEM\_B\_V
- PA\_ADW\_TOP\_RLMEM\_V
- PA\_ADW\_TOP\_TASKS\_B\_V
- PA\_ADW\_TOP\_TASKS\_V
- PA\_RES\_LISTS\_IT

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## Single Organization View List

Multi-Organization Support is a feature that allows you to implement multiple sets of books within a single installation of Oracle Payables, Oracle Receivables, Oracle 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, we added a column, `ORG_ID`, to each base table that requires "partitioning" by operating unit, including all transaction tables and many reference tables, then renamed these tables to end with the suffix `_ALL`. Then, to take the place of the renamed table, we create a view (named like the Release 10.6 or earlier table) containing 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.

If you want to retrieve all information, regardless of operating unit, query the `_ALL` table. For example, if you are running a cross-organization report, you probably want to query the `_ALL` table.

However, if you 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 your current operating unit.



**Additional Information:** *Multiple Organizations in Oracle Applications*

Oracle Projects uses the following Single Organization views:

- `AR_PAYMENT_SCHEDULES`
- `PA_AGREEMENTS`
- `PA_ALLOC_RULES`
- `PA_ALLOC_RUNS`
- `PA_BILLING_ASSIGNMENTS`
- `PA_BILL_RATES`
- `PA_CC_DIST_LINES`
- `PA_COMPENSATION_DETAILS`
- `PA_COST_DISTRIBUTION_LINES`
- `PA_CUST_EVENT_REV_DIST_LINES`
- `PA_CUST_REV_DIST_LINES`

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- PA\_DRAFT\_INVOICES
- PA\_DRAFT\_INVOICE\_DETAILS
- PA\_DRAFT\_REVENUES
- PA\_EMPLOYEE\_ACCUM
- PA\_EMPLOYEE\_ORG\_ACCUM
- PA\_EVENT\_TYPE\_OUS
- PA\_EXPENDITURES
- PA\_EXPENDITURE\_BATCHES
- PA\_EXPENDITURE\_COST\_RATES
- PA\_EXPENDITURE\_GROUPS
- PA\_EXPENDITURE\_ITEMS
- PA\_EXPENDITURE\_TYPE\_OUS
- PA\_FUNCTION\_TRANSACTIONS
- PA\_IMPLEMENTATIONS
- PA\_IMPLEMENTATIONS\_ALL\_MRC\_V
- PA\_IMPLEMENTATIONS\_MRC\_V
- PA\_MASS\_UPDATE\_BATCHES
- PA\_PERIODS
- PA\_PRJ\_ACT\_CMT\_IT
- PA\_PRJ\_BGT\_LINES\_IT
- PA\_PRJ\_TYPES\_IT
- PA\_PROJECTS
- PA\_PROJECTS\_AMG\_V
- PA\_PROJECTS\_IT
- PA\_PROJECT\_ASSETS
- PA\_PROJECT\_ASSET\_LINES
- PA\_PROJECT\_TYPES
- PA\_PROJECT\_TYPE\_DISTRIBUTIONS
- PA\_PROJECT\_TYPE\_VERIFICATIONS
- PA\_PURGE\_BATCHES



- PA\_SEGMENT\_RULE\_PAIRINGS
- PA\_TRANSACTION\_INTERFACE
- PA\_TRANSACTION\_XFACE\_CONTROL
- PA\_TSK\_ACT\_CMT\_IT
- PA\_TSK\_BGT\_LINES\_IT
- PA\_TXN\_INTERFACE\_AUDIT
- PA\_TXN\_INTERFACE\_MRC\_V
- PA\_USAGE\_COST\_RATE\_OVERRIDES
- PO\_DISTRIBUTIONS

## Multiple Reporting Currencies View List

This section lists each view that Oracle Projects 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. That is, when you access a transaction table from the APPS\_MRC schema, an MRC synonym redirects your query to the corresponding MRC view; this MRC view ensures you retrieve currency amounts expressed in the currency associated with the reporting set of books, as indicated by the userenv variable.

If you have not installed Multiple Reporting Currencies, you do not need to use these views. If you do use MRC, standard product forms and reports automatically access data using these views whenever you 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 Projects uses the following Multiple Reporting Currencies views:

- PA\_AEL\_SL\_DR\_MRC\_V
- PA\_AEL\_SL\_EI\_MRC\_V
- PA\_CC\_DIST\_LINES\_ALL\_MRC\_V
- PA\_CC\_DIST\_LINES\_MRC\_V
- PA\_COST\_DIST\_LINES\_ALL\_MRC\_V
- PA\_COST\_DIST\_LINES\_MRC\_V
- PA\_COST\_EXCEPTIONS\_DET\_MRC\_V
- PA\_COST\_EXCEPTIONS\_SUM\_MRC\_V
- PA\_CUST\_EVENT\_RDL\_ALL\_MRC\_V
- PA\_CUST\_EVENT\_RDL\_MRC\_V
- PA\_CUST\_RDL\_ALL\_MRC\_V
- PA\_CUST\_RDL\_MRC\_V
- 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

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- PA\_DRAFT\_REVENUES\_MRC\_V
- PA\_DRAFT\_REVENUE\_ITEMS\_MRC\_V
- PA\_DR\_EXCEPTIONS\_DET\_MRC\_V
- PA\_DR\_EXCEPTIONS\_SUM\_MRC\_V
- PA\_EVENTS\_MRC\_V
- PA\_EXPENDITURES\_MRC\_V
- PA\_EXPENDITURE\_ITEMS\_ALL\_MRC\_V
- PA\_EXPENDITURE\_ITEMS\_MRC\_V
- PA\_PROJ\_ASSET\_LINES\_ALL\_MRC\_V
- PA\_PROJ\_ASSET\_LINES\_MRC\_V
- PA\_PROJ\_ASSET\_LINE\_DTLS\_MRC\_V
- PA\_TXN\_INTERFACE\_ALL\_MRC\_V

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## Module List

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

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### Forms

PAXAAASR	Assign AutoAccounting Rules
PAXAADCL	AutoAccounting Lookup Sets
PAXAADRU	AutoAccounting Rules
PAXALARL	Define Allocation Rules
PAXALRAR	Review Allocation Runs
PAXBAUPD.FORM	Mass Update Batches
PAXBUDBM	Budget Entry Methods
PAXBUDBT	Budget Types
PAXBUEBU	Budgets
PAXCARVW	Capital Projects
PAXCCPRC	Define cross charge controls
PAXCCTPR	Transfer Price Rules
PAXCCTPS	Transfer Price Schedules
PAXCOCBM	Cost Bases
PAXCOCPS	Burden Structures
PAXCOICC	Burden Cost Codes
PAXCOIRS	Burden Schedules
PAXCOVCM	View Burdened Costs
PAXICRBE	Billing Extensions
PAXINBCL	Billing Cycles Maintenance
PAXINCTL	Control Billing by Top Task
PAXINEAG	Agreement Templates
PAXINEVT	Events Maintenance
PAXINRVW	Invoices Review
PAXINVPF	Project Funding Inquiry
PAXPMSUC	Define Control Actions

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PAXPREPC	Project Percent Complete
PAXPREPR	Projects
PAXREDRL	Resource Lists
PAXRVRVW	Review Revenues
PAXSUDAT	Agreement Types
PAXSUDBR	Bill Rate Schedules
PAXSUDCC	Project Classifications
PAXSUDCR	Compensation Rules
PAXSUDEC	Expenditure Categories
PAXSUDET	Expenditure Types
PAXSUDEV	Event Types
PAXSUDIF	Invoice Formats
PAXSUDNR	Non-Labor Resources
PAXSUDPS	Project Statuses
PAXSUDPT	Project Types
PAXSUDRT	Project Role Types
PAXSUDSI	Implementation Options
PAXSUEHC	Employee Cost Rates
PAXSULCM	Labor Cost Multipliers
PAXSUMPS	PA Periods
PAXTRAPE	Expenditure Inquiry
PAXTREPE	Pre-Approved Expend Entry
PAXTRIMP	Transaction Import: Review Transactions
PAXTRRTE	Review Online Time and Expense
PAXTRTXS.FORM	Transaction Sources
PAXURDDC	Project Status Display Columns
PAXURVPS	Project Status Inquiry

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## Reports

PAAPIMPR	Payables Expense Reports Pull Program Report
PAXAAFTP	IMP: AutoAccounting Functions

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PAXAARUL	IMP: AutoAccounting Rule Definitions
PAXAASRP	IMP: AutoAccounting Segment Rule Pairings
PAXAASVL	IMP: AutoAccounting Lookup Sets
PAXAGAST	MGT: Agreement Status By Customer
PAXAUGLT	AUD: Cost Audit Report
PAXAUMTC	AUD: Missing Timecard Report
PAXAURAT	AUD: Revenue Audit Report
PAXBUBSS	MGT: Revenue, Cost, Budgets by Work Breakdown Structure
PAXCCBLR	AUD: Borrowed and Lent Amounts Distribution Report
PAXCCGLA	Cross Charge General Ledger Audit
PAXDLCOT	Overtime Calculation Program
PAXEMRAO	MGT: Employee Activity By Organization
PAXEXADJ	AUD: Project Expenditure Adjustment Activity
PAXEXCPD	EXC: Transaction Exceptions Detail
PAXEXCPS	EXC: Transaction Exception Summary
PAXEXESR	MGT: Expenditures Summary
PAXEXONE	AUD: Expense Report Entry
PAXEXPEA	AUD: Pre-Approved Expenditures Entry Audit
PAXEXRPE	MGT: Expenditures Detail
PAXEXTAR	MGT: Transfer Activity Report
PAXICGNR	AUD: Intercompany Invoice Generation Report for a Range of Projects
PAXICGNS	AUD: Intercompany Invoice Generation Report for a Single Project
PAXINGEN	MGT: Invoice Details
PAXMCUPG	MRC Upgrade Status Report
PAXMGPBS	MGT: Project Billing Status
PAXMGPSD	MGT: Revenue, Cost, Budgets by Categories (Project Level)
PAXMGSLD	AUD: Project Subledger: Detail by Project

PAXMGSL	AUD: Project Subledger: Detail by Expenditure Type
PAXMGSL	AUD: Project Subledger Summary
PAXMGTS	MGT: Task – Revenue, Cost, Budgets by Categories
PAXMGUR	MGT: Unbilled Receivables Aging
PAXPCEGS	AUD: Expenditure Group Status
PAXPCIDF	FLW: Invoice Flow Detail
PAXPCIFS	FLW: Invoice Flow Summary
PAXPCPRS	MGT: Potential Revenue Summary
PAXPCRFD	FLW: Revenue Flow Detail
PAXPCTCE	AUD: Timecard Entry
PAXPEAST	IMP: Employee Assignment
PAXPEEMO	IMP: Employee Assignments By Organization
PAXPEJOB	IMP: Job Listing
PAXPEORG	IMP: Organization Listing
PAXPRCON	AUD: Project Configuration
PAXPRTSK	AUD: Task Details
PAXPRWBS	AUD: Work Breakdown Structure
PAXRWAGT	IMP: Agreement Types
PAXRWCRS	IMP: Compensation Rules
PAXRWCTY	IMP: Credit Types
PAXRWDIF	IMP: Invoice Formats Listing
PAXRWDOH	IMP: Organization Hierarchy
PAXRWECR	IMP: Expenditure Cost Rates
PAXRWETP	IMP: Expenditure Types
PAXRWIMP	IMP: Implementation Options
PAXRWLCM	IMP: Labor Cost Multipliers
PAXRWLCO	IMP: Labor Cost Rates By Organization
PAXRWLCR	IMP: Labor Cost Rates
PAXRWLUP	IMP: Project Accounting Lookups
PAXRWNLR	IMP: Non-Labor Resources By Organization
PAXRWPC	IMP: Project Class Categories and Codes

PAXRWPCR	IMP: Project Customer Relationships
PAXRWPECT	IMP: Project Contact Types
PAXRWPET	IMP: Project Event Types
PAXRWPEJS	IMP: Project Statuses
PAXRWPERT	IMP: Project Role Types
PAXRWPEST	IMP: Project Accounting Periods
PAXRWPSV	IMP: Project Service Types
PAXRWPTY	IMP: Project Types
PAXRWPRVC	IMP: Revenue Categories
PAXRWSBR	IMP: Standard Bill Rate Schedules
PAXRWUDF	IMP: Units Definition
PAXTRTXS.REPORT	IMP: Transaction Sources

## Concurrent Programs

COMPILE_ALL	Compile All Uncompiled Burden Schedule Revisions
COMPILE_SCHEDULE	Compile Burden Rate Schedule
PAAPIMP	Payables Expense Reports Pull Program
PAAROA	Refresh Employee Accumulation
PAARPA	Refresh Project Accumulation
PABISUMS	Refresh OBIS Summary Amounts
PACCBL	Distribute Borrowed and Lent Amounts
PACCGLTR	Interface Cross Charge Distributions to General Ledger
PACCTIER	Tieback Cross Charge Distributions from General Ledger
PACANOR	Compile Burden Rates for New Organization
PACOCRSR	Compile Burden Schedule Revision
PACODTBC	Distribute Total Burdened Costs
PACTBTBC	Tieback total burdened Costs from GL
PACTFTBC	Interface Total Burdened Costs to Oracle General Ledgers

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PAFFER	Tieback Expense Report Costs from Oracle Payables
PAGGLT	Interface Labor Costs to Oracle General Ledger
PAGTIE	Tieback Labor Costs from Oracle General Ledger
PAICGEN	Generate Intercompany Invoices
PAIGEN	Generate Draft Invoices
PALDLC	Distribute Labor Costs
PALIBR	Submit Project Streamline Process
PAMRCUPG	MRC Upgrade
PAPBER	Distribute Xpense Report Costs
PARCFR	Compute Forecast Revenue
PARGDR	Generate Draft Revenues
PARTAR	Tieback Invoices from Oracle Receivables
PARTIE	Tieback Revenue from Oracle General Ledger
PASDUC	Distribute Usage Costs
PASGLT	Interface Usage Costs to Oracle General Ledger
PASTIE	Tieback Usage Costs from Oracle General Ledger
PASTRM	Streamline Control Processes
PATTAR	Interface Invoices to Oracle Receivables.
PATTER	Interface Expense Reports to Oracle Payables
PATTGL	Interface Revenue to Oracle General Ledger
PAVDVC	Distribute Supplier Invoice Adjustment Costs
PAVTVC	Interface Supplier Invoice Adjustment Costs to Payables
PAVVIT	Interface Supplier Invoices from Oracle Payables
PAXACMPT	Update Project Sumamry Amounts
PAXACRLT	Update Project Summary Amounts After a Resource List Change
PAXACRPT	Refresh Project Summary Totals
PAXACRTA	Refresh Transaction Summary Amounts
PAXALRUN	Project Allocations Run
PAXARTRX	Create Invoice Organization Transaction Types in Oracle Receivables

PAXBAUPD.REPORT	Process Mass Update Batches
PAXCCARS	Compile All Burden Schedule Revisions
PAXCPCAL	Interface Assets
PAXCPGAL	Generate Asset Lines
PAXTRTRX	Import Transactions from External Sources

# Detailed Design

**T**his chapter presents a detailed design for implementing Oracle Projects. It contains detailed definitions of tables and views that you may need to reference to write custom reports or use for other data extraction.

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## Overview of Detailed Design

During Detailed Design, we specify in detail how each applications component should work. We prepare detailed definitions of tables and views.

You can refer to this Detailed Design chapter to gain a detailed understanding of the underlying structure and processing of Oracle Projects that enables you to:

- Convert existing application data
- Integrate your Oracle Projects application with your other applications systems
- Write custom reports
- Define alerts against Oracle Applications tables
- Create views for decision support queries using query tools
- Configure your Oracle Self-Service Web Applications

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## Table and View Definitions

The Table and View Definitions section contains a detailed definition of Oracle Projects applications tables. For each table, it provides information about primary keys, foreign keys, QuickCodes, indexes, triggers, and sequences. It also gives you a detailed description of each column and its characteristics. In addition, it provides the SQL statement that defines each view. Review this section to get a detailed understanding of what tables your Oracle Projects application contains, and how it uses them to hold and access the information it needs.

---

## Table and View Definitions

This section contains a detailed description of each Oracle Projects table and view that you may need to reference. For each table, it presents detailed information about:

- Primary keys
- Foreign keys
- Column descriptions
- Indexes
- Oracle sequences
- Triggers
- View derivations

Because Oracle does not support customization of Oracle Application Object Library tables, we do not provide you with detailed information about them. Consequently, this section does not document all the FND\_% tables Oracle Projects uses.

The following sections appear in each table or view description:

---

### Foreign Keys

To help you understand the relationships between tables, we list each foreign key contained in a table. For each foreign key in a table, we list the primary key table name (the table to which a foreign key refers), its corresponding primary key columns, and the foreign key columns that refer to those primary key columns.

When the primary key table has a composite primary key, we list each column of the composite key sequentially.

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

---

### QuickCodes Columns

When a database column contains a QuickCodes value, which we implement using a foreign key to FND\_LOOKUPS, MFG\_LOOKUPS, or to some other lookup table, we list the QuickCodes type (lookup

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type) to which the QuickCodes value must belong and a complete list of QuickCodes values and meanings. Some QuickCodes can be defined by you in the application. These values are designated as User-defined.

---

## Column Descriptions

We list the important characteristics of each column in a table or view. These characteristics include whether the column is part of the table's primary key, whether Oracle8i requires a value for this column, and the data type of the column. We also give you a brief description of how Oracle Projects uses the column.

When a column is part of a table's primary key, we append the notation (PK) to the name of that column.

To help you understand which columns Oracle Projects uses and which columns it does not use, we alert you to any unused column. When no module uses a database column, we show one of the following legends in the Description column:

<b>Not currently used</b>	Oracle Projects does not use this column, although the column might be used in a future release.
<b>No longer used</b>	Oracle Projects no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Projects might not include this column.
<b>No longer installed</b>	Oracle Projects no longer uses this column. If you <i>upgraded</i> your software from an earlier version, you may still have this column, depending upon whether you chose to delete it during an upgrade process. If you <i>install</i> Oracle Projects, you do not have this column.

### Standard Who Columns

---

Most Oracle Projects tables contain standard columns to support \ **Row Who**. When your program or SQL\*Plus command selects a row from a table, use these columns to determine who last updated the row. If your program or SQL\*Plus command updates or inserts a row in an interface table, you must populate each of the five standard Who columns:

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<b>LAST_UPDATE_DATE</b>	Date when a user last updated this row
<b>LAST_UPDATED_BY</b>	User who last updated this row (foreign key to FND_USER.USER_ID)
<b>CREATION_DATE</b>	Date when this row was created
<b>CREATED_BY</b>	User who created this row (foreign key to FND_USER.USER_ID)
<b>LAST_UPDATE_LOGIN</b>	Operating system login of user who last updated this row (foreign key to FND_LOGINS.LOGIN_ID). You should set this 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, we do not include the foreign key columns LAST\_UPDATED\_BY, CREATED\_BY, or LAST\_UPDATE\_LOGIN in a table's list of foreign keys.

### **Additional Who Columns for Concurrent Programs**

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Some Oracle Projects 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:

<b>REQUEST_ID</b>	Concurrent request ID of program that last updated this row (foreign key to FND_CONCURRENT_REQUESTS.REQUEST_ID)
<b>PROGRAM_APPLICATION_ID</b>	Application ID of program that last updated this row (foreign key to FND_APPLICATION.APPLICATION_ID)
<b>PROGRAM_ID</b>	Program ID of program that last updated this row (foreign key to FND_CONCURRENT_PROGRAM.CONCURRENT_PROGRAM_ID)
<b>PROGRAM_UPDATE_DATE</b>	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, we do not include the foreign key columns REQUEST\_ID,

PROGRAM\_APPLICATION\_ID, or PROGRAM\_ID in a table's list of foreign keys.

---

### Columns Reserved for Country-Specific Localizations

Some tables have GLOBAL\_ATTRIBUTE columns which support additional features added to Oracle Projects to meet statutory requirements and common business practices in your country or region. For details on these columns, refer to the Appendix in *Oracle Financials Regional Technical Reference Manual*. To read more about the features that these columns support, look for a User Guide appropriate to your country; for example, see the *Oracle Financials for the Czech Republic User Guide*.

---

## Indexes

If an Oracle Projects table uses an Oracle8i index, we list the database columns that comprise that index, in sequential order.

**Note:** The indexes we document in this manual correspond to unique keys we specified during product development and testing. In some cases, we may add additional indexes during the porting process to fine-tune performance on specific platforms; therefore, there may be minor differences between the indexes documented in this book and the indexes for production versions of Oracle Projects.

---

## Sequences

Oracle Projects uses Oracle8i sequence generators to generate unique integers. If any table column gets its value from an Oracle8i sequence generator, we list the name of the corresponding sequence generator and the name of the column that stores the unique integer.

---

## Database Triggers

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



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## View Derivation

For each Oracle Projects view you may need to reference, we include important elements from the SQL statement that defines or creates a view. By studying this view definition, you can understand exactly how a view derives its contents.

## AP\_BATCHES\_ALL

AP\_BATCHES\_ALL contains summary information about invoices you enter in batches if you enable the Batch Control Payables option. There is one row for each batch of invoices you enter. If you enable Batch Control, each invoice must correspond to a record in this table. Your Oracle Payables application uses this information to group together invoices that one person entered in a batch.

This table corresponds to the Invoice Batches window.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PAYMENT_CURRENCY_CODE
FND_DOC_SEQUENCE_CATEGORIES	CODE	DOC_CATEGORY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	BATCH_CODE_COMBINATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
HOLD_LOOKUP_CODE	HOLD CODE	AP_LOOKUP_CODES
	AMOUNT	Invoice amount exceeded limit
	AMOUNT LOWERED	Invoice amount lowered
	APPROVED	Hold approved
	AWT ERROR	Unable to perform automatic withholding tax
	AWT OK	Performed automatic withholding tax
	CAN FUNDS CHECK	Funds checking can now be performed
	CANCEL	Invoice cannot be cancelled
	CANT CLOSE PO	Cannot close PO before shipment is fully delivered
	CANT FUNDS CHECK	Funds checking could not be performed
	CANT TRY PO CLOSE	Cannot try PO close because invoice has unreleased holds
	CURRENCY DIFFERENCE	Invoice currency different from PO currency
	DIST ACCT INVALID	Distribution account is invalid
	DIST ACCT VALID	Distribution account is now valid
	DIST VARIANCE	Total of invoice distributions does not equal invoice amount
	ERV ACCT INVALID	ERV account is invalid
	ERV ACCT VALID	ERV account is now valid
	FINAL MATCHING	PO has already been final matched to another invoice
	FUNDS NOW AVAILABLE	Sufficient funds now exist
	FUTURE OPEN	Future period has been opened

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	FUTURE PERIOD	One or more distribution lines fall into a future period
	HOLDS QUICK RELEASED	Holds approved
	INSUFFICIENT FUNDS	Insufficient funds exist for this invoice
	INVALID PO	Invoice has invalid or missing PO number
	INVOICE QUICK RELEASED	Invoice approved
	MATCH OVERRIDE	Matching hold approved
	MATCHED	Passed matching condition
	MAX QTY ORD	Quantity billed exceeds quantity ordered by tolerance amount
	MAX QTY REC	Quantity billed exceeds maximum quantity received tolerance
	MAX RATE AMOUNT	Exchange rate variance exceeds limit
	MAX SHIP AMOUNT	Variance between invoice and shipment amount exceeds limit
	MAX TOTAL AMOUNT	Sum of invoice and exchange rate variances exceeds limit
	NATURAL ACCOUNT TAX	Invoice tax name does not match the natural account tax name
	NATURAL ACCOUNT TAX OK	Tax name updated to match natural account
	NO RATE	Foreign currency invoice has no exchange rate
	PO MATCHED	Invoice is matched to PO
	PO NOT APPROVED	PO has not been approved
	PO REQUIRED	Invoice requires matching to a PO
	PRICE	Invoice price exceeds purchase order price
	QTY ORD	Quantity billed exceeds quantity ordered
	QTY REC	Quantity billed exceeds quantity received
	QUALITY	Quantity billed exceeds quantity accepted
	RATE EXISTS	Invoice exchange rate is now available
	REC EXCEPTION	Receiving exception
	TAX AMOUNT RANGE	Invoice tax amount does not fall within range
	TAX DIFFERENCE	Invoice tax code different from PO tax code
	TAX VARIANCE	Invoice tax amount exceeds calculated tax amount
	VARIANCE CORRECTED	Invoice variance corrected
	VARIANCE OVERRIDE	Variance hold approved
	VENDOR	Hold all future payments for supplier
	VENDOR UPDATED	Supplier or site updated
INVOICE_TYPE_LOOKUP_CODE	INVOICE TYPE	AP_LOOKUP_CODES
	AWT	Withholding tax invoice

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	CREDIT	Credit memo
	DEBIT	Debit memo
	EXPENSE REPORT	Employee expense report
	INTEREST	Interest invoice
	MIXED	Mixed type invoice
	PREPAYMENT	Prepayments and advances
	QUICKDEFAULT	PO default standard invoice
	QUICKMATCH	QuickMatch standard invoice
	STANDARD	Standard invoice

Column Descriptions

Name	Null?	Type	Description
BATCH_ID (PK)	NOT NULL	NUMBER(15)	Invoice batch identifier
BATCH_NAME	NOT NULL	VARCHAR2(50)	Invoice batch name (uniqueness enforced by the Invoice workbench)
BATCH_DATE	NOT NULL	DATE	Invoice batch date
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CONTROL_INVOICE_COUNT	NULL	NUMBER(15)	User entered control of number of invoices in batch
CONTROL_INVOICE_TOTAL	NULL	NUMBER	User entered control of invoice amount total for invoices in batch
ACTUAL_INVOICE_COUNT	NULL	NUMBER(15)	Not currently used
ACTUAL_INVOICE_TOTAL	NULL	NUMBER	Not currently used
INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code of invoice, overrides supplier invoice currency (may be left null for Multiple Currency Batches)
PAYMENT_CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code of payment (must be an associated fixed-rate currency or same as INVOICE_CURRENCY_CODE)
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
PAY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Name of pay group. This value overrides supplier pay group
BATCH_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for accounts payable liability account, overrides supplier liability account
TERMS_ID	NULL	NUMBER(15)	Terms identifier, overrides supplier pay group
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
INVOICE_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Default invoice type
HOLD_LOOKUP_CODE	NULL	VARCHAR2(25)	Default invoice hold name
HOLD_REASON	NULL	VARCHAR2(240)	Default hold reason for hold name
DOC_CATEGORY_CODE	NULL	VARCHAR2(30)	Default Sequential Numbering (voucher number) document category
ORG_ID	NULL	NUMBER(15)	Organization identifier
GL_DATE	NULL	DATE	GL Date to default to invoices
PAYMENT_PRIORITY	NULL	NUMBER(2)	Number representing payment priority used to default down to invoices and payment schedules (1 to 99)

Indexes

Index Name	Index Type	Sequence	Column Name
AP_BATCHES_N1	NOT UNIQUE	1	BATCH_DATE
AP_BATCHES_U1	UNIQUE	1	BATCH_ID
AP_BATCHES_U2	UNIQUE	1	BATCH_NAME
		2	BATCH_DATE
		3	ORG_ID

Sequences

Sequence	Derived Column
AP_BATCHES_S	BATCH_ID

# AP\_EXPENSE\_REPORT\_HEADERS\_ALL

AP\_EXPENSE\_REPORTS\_HEADERS\_ALL stores header information about the expense reports entered in Oracle Payables and Oracle Self-Service Expenses.

There is one row for each expense report you enter. Your Oracle Payables application uses this information to create invoice header information when you transfer expense reports to invoice tables. Transfer expense reports to invoice tables using the Payables Invoice Import Program.

Your Oracle Payables application places the invoice ID in the VOUCHNO column when you transfer an expense report. To import invoices from an external source, Oracle recommends that you use the new Payables Open Interface tables.

This table corresponds to the header region of the Expense Reports window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_AWT_GROUPS	GROUP_ID	AWT_GROUP_ID
AP_EXPENSE_REPORTS_ALL	EXPENSE_REPORT_ID	EXPENSE_REPORT_ID
AP_HOLD_CODES	HOLD_LOOKUP_CODE	HOLD_LOOKUP_CODE
AP_INVOICES_ALL	INVOICE_ID	ADVANCE_INVOICE_TO_APPLY
AP_INVOICES_ALL	INVOICE_ID	VOUCHNO
FND_CURRENCIES	CURRENCY_CODE	DEFAULT_CURRENCY_CODE
FND_DOC_SEQUENCE_CATEGORIES	CODE	DOC_CATEGORY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EMPLOYEE_CCID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCTS_PAY_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	DEFAULT_EXCHANGE_RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
HOLD_LOOKUP_CODE	HOLD CODE	AP_LOOKUP_CODES
	AMOUNT	Invoice amount exceeded limit
	AMOUNT LOWERED	Invoice amount lowered
	APPROVED	Hold approved
	AWT ERROR	Unable to perform automatic withholding tax
	AWT OK	Performed automatic withholding tax
	CAN FUNDS CHECK	Funds checking can now be performed
	CANCEL	Invoice cannot be cancelled

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	CANT CLOSE PO	Cannot close PO before shipment is fully delivered
	CANT FUNDS CHECK	Funds checking could not be performed
	CANT TRY PO CLOSE	Cannot try PO close because invoice has unreleased holds
	CURRENCY DIFFERENCE	Invoice currency different from PO currency
	DIST ACCT INVALID	Distribution account is invalid
	DIST ACCT VALID	Distribution account is now valid
	DIST VARIANCE	Total of invoice distributions does not equal invoice amount
	ERV ACCT INVALID	ERV account is invalid
	ERV ACCT VALID	ERV account is now valid
	FINAL MATCHING	PO has already been final matched to another invoice
	FUNDS NOW AVAILABLE	Sufficient funds now exist
	FUTURE OPEN	Future period has been opened
	FUTURE PERIOD	One or more distribution lines fall into a future period
	HOLDS QUICK RELEASED	Holds approved
	INSUFFICIENT FUNDS	Insufficient funds exist for this invoice
	INVALID PO	Invoice has invalid or missing PO number
	INVOICE QUICK RELEASED	Invoice approved
	MATCH OVERRIDE	Matching hold approved
	MATCHED	Passed matching condition
	MAX QTY ORD	Quantity billed exceeds quantity ordered by tolerance amount
	MAX QTY REC	Quantity billed exceeds maximum quantity received tolerance
	MAX RATE AMOUNT	Exchange rate variance exceeds limit
	MAX SHIP AMOUNT	Variance between invoice and shipment amount exceeds limit
	MAX TOTAL AMOUNT	Sum of invoice and exchange rate variances exceeds limit
	NATURAL ACCOUNT TAX	Invoice tax name does not match the natural account tax name
	NATURAL ACCOUNT TAX OK	Tax name updated to match natural account
	NO RATE	Foreign currency invoice has no exchange rate
	PO MATCHED	Invoice is matched to PO
	PO NOT APPROVED	PO has not been approved
	PO REQUIRED	Invoice requires matching to a PO
	PRICE	Invoice price exceeds purchase order price

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	QTY ORD	Quantity billed exceeds quantity ordered
	QTY REC	Quantity billed exceeds quantity received
	QUALITY	Quantity billed exceeds quantity accepted
	RATE EXISTS	Invoice exchange rate is now available
	REC EXCEPTION	Receiving exception
	TAX AMOUNT RANGE	Invoice tax amount does not fall within range
	TAX DIFFERENCE	Invoice tax code different from PO tax code
	TAX VARIANCE	Invoice tax amount exceeds calculated tax amount
	VARIANCE CORRECTED	Invoice variance corrected
	VARIANCE OVERRIDE	Variance hold approved
	VENDOR	Hold all future payments for supplier
	VENDOR UPDATED	Supplier or site updated
SOURCE	INVOICE IMPORT SOURCES	AP_LOOKUP_CODES
	Oracle Project Accounting	Oracle Projects
	SelfService	Self-Service Applications
	XpenseXpress	Payables Expense Reports
EXPENSE_CHECK_ADDRESS_FLAG	HOME_OFFICE	FND_COMMON_LOOKUPS
	H	Home
	O	Office

Column Descriptions

Name	Null?	Type	Description
REPORT_HEADER_ID (PK)	NOT NULL	NUMBER	Expense report header identifier
EMPLOYEE_ID	NULL	NUMBER(10)	Employee identifier
WEEK_END_DATE	NOT NULL	DATE	Period ending date of expense report, used as invoice_date and GL_date for expense reports
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
VOUCHNO	NOT NULL	NUMBER	Invoice ID (populated when you transfer an expense report)
TOTAL	NOT NULL	NUMBER	Total amount of expense report
VENDOR_ID	NULL	NUMBER(15)	Supplier identifier
VENDOR_SITE_ID	NULL	NUMBER(15)	Supplier site identifier
EXPENSE_CHECK_ADDRESS_FLAG	NULL	VARCHAR2(30)	Flag that indicates if expense report will be sent to employee's home (H) or office (O) address
REFERENCE_1	NULL	VARCHAR2(30)	Reference fields for use by Oracle Projects or other external source invoice loading program
REFERENCE_2	NULL	VARCHAR2(30)	Reference field for use by Oracle Projects or other external source invoice loading program
INVOICE_NUM	NULL	VARCHAR2(50)	Invoice number

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXPENSE_REPORT_ID	NULL	NUMBER	Expense report identifier
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for accounts payable liability account
SET_OF_BOOKS_ID	NULL	NUMBER(15)	Set of books identifier
SOURCE	NULL	VARCHAR2(25)	Source of expense report, used by Invoice Import
PURGEABLE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if expense report will be purged after it is transferred with Invoice Import (Y or N)
ACCOUNTING_DATE	NULL	DATE	Accounting date for records with source other than XpenseXpress
MAXIMUM_AMOUNT_TO_APPLY	NULL	NUMBER	Maximum amount of employee advance to be applied to an expense report
ADVANCE_INVOICE_TO_APPLY	NULL	NUMBER(15)	Specific employee advance to apply to an expense report
APPLY_ADVANCES_DEFAULT	NULL	VARCHAR2(4)	Flag that indicates if advances will be applied against expense reports (Y or N)
EMPLOYEE_CCID	NULL	NUMBER	Accounting Flexfield identifier for expense account associated with an employee
DESCRIPTION	NULL	VARCHAR2(240)	Description of expense report
REJECT_CODE	NULL	VARCHAR2(25)	Rejection code used by Invoice Import for exception reporting
HOLD_LOOKUP_CODE	NULL	VARCHAR2(25)	Name of hold placed on expense report
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	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

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
DEFAULT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency code
DEFAULT_EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	Exchange rate type for foreign currency
DEFAULT_EXCHANGE_RATE	NULL	NUMBER	Exchange rate for foreign currency
DEFAULT_EXCHANGE_DATE	NULL	DATE	Date exchange rate is effective, usually the accounting date of a transaction
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
VOUCHER_NUM	NULL	VARCHAR2(50)	Voucher number
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Default transaction code for creating US Standard General Ledger journal entries
USSGL_TRX_CODE_CONTEXT	NULL	VARCHAR2(30)	USSGL Transaction Code Descriptive Flexfield context column
DOC_CATEGORY_CODE	NULL	VARCHAR2(30)	Sequential numbering (voucher number) document category
AWT_GROUP_ID	NULL	NUMBER(15)	Withholding Tax group identifier
ORG_ID	NULL	NUMBER(15)	Organization identifier
WORKFLOW_APPROVED_FLAG	NULL	VARCHAR2(1)	Workflow approved flag.
FLEX_CONCATENATED	NULL	VARCHAR2(240)	Indicates the cost center of the expense report entered in Self-Service Expenses.
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
OVERRIDE_APPROVER_ID	NULL	NUMBER(9)	Overriding approver employee identifier
PAYMENT_CROSS_RATE_TYPE	NULL	VARCHAR2(30)	Cross currency payment rate type
PAYMENT_CROSS_RATE_DATE	NULL	DATE	Cross currency payment rate date
PAYMENT_CROSS_RATE	NULL	NUMBER	Exchange rate between invoice and payment; in Release 11 the value is always 1 unless they are fixed-rate currencies
PAYMENT_CURRENCY_CODE	NULL	VARCHAR2(15)	Cross currency payment code
CORE_WF_STATUS_FLAG	NULL	VARCHAR2(1)	Reserved for future use
PREPAY_APPLY_FLAG	NULL	VARCHAR2(4)	This column will store the value for the checkbox in the expense reports window. It will indicate whether the expense report should apply prepayments or not.
PREPAY_NUM	NULL	VARCHAR2(50)	This column will store the invoice number of an existing, fully paid prepayment. This column will specify the prepayment which contains the distribution that will be applied to the imported invoice.
PREPAY_DIST_NUM	NULL	NUMBER(15)	This column will store the distribution of an existing prepayment. This distribution will be applied to the imported invoice. The invoice will be rejected if prepay_num is specified and prepayment has more than one distribution. If prepayment has only one distribution, then import program will apply this distribution by default.
PREPAY_APPLY_AMOUNT	NULL	NUMBER	This column will store the amount of prepayment that the user wishes to apply to the invoice. This amount has to be positive. If prepay_apply_amount is negative, invoice will be rejected.
PREPAY_GL_DATE	NULL	DATE	This column will store the GL_DATE that will be used for prepayment distributions, on the invoice, after application. If the user does not specify this date, then Prepay_GL_DATE for prepayment distributions will default from GL_DATE of the invoice.

#### Indexes

Index Name	Index Type	Sequence	Column Name
AP_EXPENSE_REPORT_HEADERS_N1	NOT UNIQUE	1	VOUCHNO
AP_EXPENSE_REPORT_HEADERS_N2	NOT UNIQUE	1	EMPLOYEE_ID
AP_EXPENSE_REPORT_HEADERS_N3	NOT UNIQUE	1	REFERENCE_1
		2	REFERENCE_2
AP_EXPENSE_REPORT_HEADERS_N4	NOT UNIQUE	2	INVOICE_NUM
AP_EXPENSE_REPORT_HEADERS_U1	UNIQUE	1	REPORT_HEADER_ID

#### Sequences

Sequence	Derived Column
AP_EXPENSE_REPORT_HEADERS_S	REPORT_HEADER_ID

#### Database Triggers

Trigger Name : JL\_BR\_AP\_IMPORT\_INVOICES  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger gets interest parameters from the JL\_BR\_AP\_EXP\_REP\_HEAD\_EXT\_ALL table and updates the AP\_PAYMENT\_SCHEDULES table with these parameters.

It associatesscheduled payments with collection documents and validates taxes. In addition, it creates holds when validation fails.

This trigger is installed and active only if Latin American Localizations have been installed.

## AP\_EXPENSE\_REPORT\_LINES\_ALL

AP\_EXPENSE\_REPORT\_LINES\_ALL stores detailed information about expense items for individual expense reports you enter. Your Oracle Payables application uses this information to create invoice distributions when you import expense reports using the Payables Invoice Import program.

This table corresponds to the Accounting, Merchant Information, Receipt Information, Expense Audit, and Adjustments tabbed regions of the Expense Reports window.

This table has no primary key.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_AWT_GROUPS	GROUP_ID	AWT_GROUP_ID
AP_CREDIT_CARD_TRXNS_ALL	TRX_ID	CREDIT_CARD_TRX_ID
AP_EXPENSE_REPORT_HEADERS_ALL	REPORT_HEADER_ID	REPORT_HEADER_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	RECEIPT_CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	EXCHANGE_RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_EXP_ORGS_IT	ORGANIZATION_ID	EXPENDITURE_ORGANIZATION_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LINE_TYPE_LOOKUP_CODE	INVOICE DISTRIBUTION TYPE	AP_LOOKUP_CODES
	AWT	Withholding Tax
	FREIGHT	Freight
	ICMS	ICMS
	IPI	IPI
	ITEM	Item
	MISCELLANEOUS	Miscellaneous
	PREPAY	Prepayment
	TAX	Tax

### Column Descriptions

Name	Null?	Type	Description
REPORT_HEADER_ID	NOT NULL	NUMBER	Expense report header identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CODE_COMBINATION_ID	NOT NULL	NUMBER	Accounting flexfield identifier for expense account associated with expense item

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Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_DESCRIPTION	NOT NULL	VARCHAR2(240)	Description of expense report item
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
AMOUNT	NULL	NUMBER	Amount
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	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
CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency code
EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	Exchange rate type for an item on a foreign currency expense report
EXCHANGE_RATE	NULL	NUMBER	Exchange rate for a foreign currency
EXCHANGE_DATE	NULL	DATE	Date exchange rate is effective, usually accounting date of a transaction
VAT_CODE	NULL	VARCHAR2(15)	Tax code
LINE_TYPE_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Name of line type
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
STAT_AMOUNT	NULL	NUMBER	Statistical amount associated with an item
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Transaction code for creating US Standard General Ledger journal entries
USSGL_TRX_CODE_CONTEXT	NULL	VARCHAR2(30)	USSGL Transaction Code Descriptive Flexfield context column
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column for Oracle Projects expense report line

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER(15)	Project identifier for Oracle Projects expense report line
TASK_ID	NULL	NUMBER(15)	Task identifier for Oracle Projects expense report line
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Organization identifier for Oracle Projects expense report line
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type for Oracle Projects expense report line
EXPENDITURE_ITEM_DATE	NULL	DATE	Item date for Oracle Projects expense report line
PA_QUANTITY	NULL	NUMBER	Quantity for Oracle Projects expense report line
DISTRIBUTION_LINE_NUMBER	NULL	NUMBER(15)	Line number for invoice distribution line created from expense report line
REFERENCE_1	NULL	VARCHAR2(30)	Reference 1
REFERENCE_2	NULL	VARCHAR2(30)	Reference 2
AWT_GROUP_ID	NULL	NUMBER(15)	Withholding Tax group identifier
ORG_ID	NULL	NUMBER(15)	Organization identifier
RECEIPT_VERIFIED_FLAG	NULL	VARCHAR2(1)	Indicates whether your payables department received for the expense line.
JUSTIFICATION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether a justification is required for the expense line.
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether you payables department requires that a receipt be sent to them for the expense line.
RECEIPT_MISSING_FLAG	NULL	VARCHAR2(1)	Indicates whether the employee does not possess a receipt for an expense line.
JUSTIFICATION	NULL	VARCHAR2(240)	Reason the employee gave to justify incurring the expense.
EXPENSE_GROUP	NULL	VARCHAR2(80)	User-defined label used to identify a group of expense lines contained on a single receipt, for example, a hotel bill.
START_EXPENSE_DATE	NULL	DATE	Start date for expense
END_EXPENSE_DATE	NULL	DATE	End date for expense
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	Indicates the code for the currency in which the expense line was incurred.
RECEIPT_CONVERSION_RATE	NULL	NUMBER	The user-defined conversion rate between the receipt currency and the currency in which the expense report will be paid.
DAILY_AMOUNT	NULL	NUMBER	Indicates the amount charged daily for a multi-day receipt, for example, the daily rate of a rental car or hotel room.
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	The amount that appears on the receipt.
WEB_PARAMETER_ID	NULL	NUMBER	Expense report item type identifier
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	Amount includes tax flag
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
ADJUSTMENT_REASON	NULL	VARCHAR2(240)	Reason your payables department adjusted (reduced) the expense line amount, or reason your payables department short paid an expense line.
POLICY_SHORTPAY_FLAG	NULL	VARCHAR2(1)	Flag to indicate policy violation shortpay
AWARD_ID	NULL	NUMBER(15)	Reserved for use by Oracle Grants Management
MERCHANT_DOCUMENT_NUMBER	NULL	VARCHAR2(80)	Third party document number
MERCHANT_NAME	NULL	VARCHAR2(80)	Third party name
MERCHANT_REFERENCE	NULL	VARCHAR2(240)	Third party reference number
MERCHANT_TAX_REG_NUMBER	NULL	VARCHAR2(80)	Third party tax registration number
MERCHANT_TAXPAYER_ID	NULL	VARCHAR2(80)	Third party taxpayer identifier
COUNTRY_OF_SUPPLY	NULL	VARCHAR2(5)	Country where services or goods were received

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
TAX_CODE_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicates whether the user has overwritten the tax code for the invoice distribution. The possible values for this flag are: Y and N
TAX_CODE_ID	NULL	NUMBER(15)	Tax code identifier
CREDIT_CARD_TRX_ID	NULL	NUMBER(15)	Identifies the credit card transaction from which the expense line is derived

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
AP_EXPENSE_REPORT_LINES_N1	NOT UNIQUE	1	REPORT_HEADER_ID
AP_EXPENSE_REPORT_LINES_N2	NOT UNIQUE	1	REFERENCE_1
		2	REFERENCE_2

## AP\_INVOICES\_ALL

AP\_INVOICES\_ALL contains records for invoices you enter. There is one row for each invoice you enter. An invoice can have one or more invoice distribution lines. An invoice can also have one or more scheduled payments.

An invoice of type EXPENSE REPORT must relate to a row in AP\_EXPENSE\_REPORT\_HEADERS\_ALL unless the record has been purged from AP\_EXPENSE\_REPORT\_HEADERS\_ALL. Your Oracle Payables application uses the INTEREST type invoice for interest that it calculates on invoices that are overdue. Your Oracle Payables application links the interest invoice to the original invoice by inserting the INVOICE\_ID in the AP\_INVOICE\_RELATIONSHIPS table.

This table corresponds to the Invoices window.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_AWT_GROUPS	GROUP_ID	AWT_GROUP_ID
AP_BATCHES_ALL	BATCH_ID	BATCH_ID
AP_DOC_SEQUENCE_AUDIT	DOC_SEQUENCE_VALUE DOC_SEQUENCE_ID	DOC_SEQUENCE_VALUE DOC_SEQUENCE_ID
AP_RECURRING_PAYMENTS_ALL	RECURRING_PAYMENT_ID	RECURRING_PAYMENT_ID
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PAYMENT_CURRENCY_CODE
FND_DOCUMENT_SEQUENCES	DOC_SEQUENCE_ID	DOC_SEQUENCE_ID
FND_DOC_SEQUENCE_CATEGORIES	CODE	DOC_CATEGORY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCTS_PAY_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PA_DEFAULT_DIST_CCID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	EXCHANGE_RATE_TYPE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	PAYMENT_CROSS_RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_EXP_ORGS_IT	ORGANIZATION_ID	EXPENDITURE_ORGANIZATION_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INVOICE_TYPE_LOOKUP_CODE	INVOICE TYPE	AP_LOOKUP_CODES
	AWT	Withholding tax invoice
	CREDIT	Credit memo
	DEBIT	Debit memo
	EXPENSE REPORT	Employee expense report
	INTEREST	Interest invoice

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
PAYMENT_METHOD_LOOKUP_CODE	MIXED	Mixed type invoice
	PREPAYMENT	Prepayments and advances
	QUICKDEFAULT	PO default standard invoice
	QUICKMATCH	QuickMatch standard invoice
	STANDARD	Standard invoice
PAYMENT_METHOD_LOOKUP_CODE	PAYMENT METHOD	AP_LOOKUP_CODES
	CHECK	Check
	CLEARING	Clearing
	EFT	Electronic
	WIRE	Wire
PAYMENT_STATUS_FLAG	INVOICE PAYMENT STATUS	AP_LOOKUP_CODES
	N	Not paid
	P	Partially paid
	Y	Fully paid
SOURCE	SOURCE	AP_LOOKUP_CODES
	CREDIT CARD	Credit Card
	EDI GATEWAY	e-Commerce Gateway
	ERS	ERS
	INVOICE GATEWAY	Invoice Gateway
	Intercompany	Intercompany
	Oracle Assets	Oracle Assets
	Oracle Project Accounting	Oracle Projects
	Oracle Property Manager	Oracle Property Manager
	PA_IC_INVOICES	Oracle Projects InterCompany Invoices
	PA_IP_INVOICES	Oracle Projects Inter-Project Invoices
	RECURRING INVOICE	Recurring Invoice
	RTS	Return to Supplier
	SelfService	Self-Service Applications
	XpenseXpress	Payables Expense Reports

Column Descriptions

Name	Null?	Type	Description
INVOICE_ID (PK)	NOT NULL	NUMBER(15)	Invoice identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
VENDOR_ID	NOT NULL	NUMBER(15)	Supplier identifier
INVOICE_NUM	NOT NULL	VARCHAR2(50)	Invoice number
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
INVOICE_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency code of invoice
PAYMENT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency code of payment (must be same as INVOICE_CURRENCY_CODE or have a fixed rate relationship)
PAYMENT_CROSS_RATE	NOT NULL	NUMBER	Exchange rate between invoice and payment; in Release 11 the value is always 1 unless they are associated fixed-rate currencies
INVOICE_AMOUNT	NULL	NUMBER	Invoice amount
VENDOR_SITE_ID	NOT NULL	NUMBER(15)	Supplier site identifier
AMOUNT_PAID	NULL	NUMBER	Amount paid
DISCOUNT_AMOUNT_TAKEN	NULL	NUMBER	Amount of discount taken
INVOICE_DATE	NULL	DATE	Invoice date

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Column Descriptions (Continued)

Name	Null?	Type	Description
SOURCE	NULL	VARCHAR2(25)	Source of invoice
INVOICE_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of invoice
DESCRIPTION	NULL	VARCHAR2(240)	Description
BATCH_ID	NULL	NUMBER(15)	Invoice batch identifier
AMOUNT_APPLICABLE_TO_DISCOUNT	NULL	NUMBER	Amount of invoice applicable to a discount
TAX_AMOUNT	NULL	NUMBER	Tax amount
TERMS_ID	NULL	NUMBER(15)	Payment terms identifier
TERMS_DATE	NULL	DATE	Date used with payment terms to calculate scheduled payment of an invoice
PAYMENT_METHOD_LOOKUP_CODE	NULL	VARCHAR2(25)	Name of payment method
PAY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Name of pay group
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for accounts payable liability account
PAYMENT_STATUS_FLAG	NULL	VARCHAR2(1)	Flag that indicates if invoice has been paid (Y, N, or P)
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
BASE_AMOUNT	NULL	NUMBER	Invoice amount in functional currency, only used for foreign currency invoices
VAT_CODE	NULL	VARCHAR2(15)	Tax code
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
EXCLUSIVE_PAYMENT_FLAG	NULL	VARCHAR2(1)	Pay invoice on separate payment document flag
PO_HEADER_ID	NULL	NUMBER(15)	Purchase order identifier for invoices with QUICKMATCH and PO DEFAULT types, and prepayments associated with purchase order
FREIGHT_AMOUNT	NULL	NUMBER	Freight amount used to calculate invoice amount available for discount and provide defaults for automatic proration
GOODS_RECEIVED_DATE	NULL	DATE	Date invoice items received
INVOICE_RECEIVED_DATE	NULL	DATE	Date invoice received
VOUCHER_NUM	NULL	VARCHAR2(50)	Voucher number; validated (Sequential Numbering enabled) or non-validated (Sequential Numbering not enabled)
APPROVED_AMOUNT	NULL	NUMBER	Invoice amount approved through manual authorization for payment (used for reference purposes only)
RECURRING_PAYMENT_ID	NULL	NUMBER(15)	Recurring invoice identifier
EXCHANGE_RATE	NULL	NUMBER	Exchange rate for foreign currency invoice
EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	Exchange rate type for foreign currency invoice
EXCHANGE_DATE	NULL	DATE	Date exchange rate is effective, usually accounting date of a transaction

Column Descriptions (Continued)

Name	Null?	Type	Description
EARLIEST_SETTLEMENT_DATE	NULL	DATE	Date associated with a prepayment after which you can apply the prepayment against invoices. Only used for temporary prepayments. Column is null for permanent prepayments and other invoice types
ORIGINAL_PREPAYMENT_AMOUNT	NULL	NUMBER	No longer used
DOC_SEQUENCE_ID	NULL	NUMBER	Sequential Numbering (voucher number) document sequence identifier
DOC_SEQUENCE_VALUE	NULL	NUMBER	Voucher number (Sequential Numbering) for invoice
DOC_CATEGORY_CODE	NULL	VARCHAR2(30)	Sequential Numbering (voucher number) document category
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
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive Flexfield structure defining column
APPROVAL_STATUS	NULL	VARCHAR2(25)	Status of manual authorization invoice approval (used for reference purposes only)
APPROVAL_DESCRIPTION	NULL	VARCHAR2(240)	Description of manual authorization invoice approval (used for reference purposes only)
INVOICE_DISTRIBUTION_TOTAL	NULL	NUMBER	No longer used
POSTING_STATUS	NULL	VARCHAR2(15)	Status that indicates if invoice can be posted (either Available or N - column is populated, but not used)
PREPAY_FLAG	NULL	VARCHAR2(1)	No longer used
AUTHORIZED_BY	NULL	VARCHAR2(25)	Person authorizing a prepayment

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Column Descriptions (Continued)

Name	Null?	Type	Description
CANCELLED_DATE	NULL	DATE	Date invoice cancelled
CANCELLED_BY	NULL	NUMBER(15)	User ID of person who cancelled an invoice
CANCELLED_AMOUNT	NULL	NUMBER	Original amount of cancelled invoice
TEMP_CANCELLED_AMOUNT	NULL	NUMBER	Column for recording the original amount of an invoice until cancellation completes successfully
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Oracle Projects Descriptive Flexfield context column
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Default transaction code for creating US Standard General Ledger journal entries (Oracle Public Sector Payables)
USSGL_TRX_CODE_CONTEXT	NULL	VARCHAR2(30)	USSGL Transaction Code Descriptive Flexfield context column
PROJECT_ID	NULL	NUMBER(15)	Identifier for project used to build default Accounting Flexfield
TASK_ID	NULL	NUMBER(15)	Identifier for project task used to build default Accounting Flexfield
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Project expenditure type used to build default Accounting Flexfield
EXPENDITURE_ITEM_DATE	NULL	DATE	Project expenditure item date used to build default Accounting Flexfield
PA_QUANTITY	NULL	NUMBER(22,5)	Project item quantity used to build default Accounting Flexfield
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier for project organization used to build default Accounting Flexfield
PA_DEFAULT_DIST_CCID	NULL	NUMBER(15)	Identifier for project-related invoice default Accounting Flexfield (defaults to invoice distribution lines)
VENDOR_PREPAY_AMOUNT	NULL	NUMBER	No longer used
PAYMENT_AMOUNT_TOTAL	NULL	NUMBER	Amount of invoice that has been paid
AWT_FLAG	NULL	VARCHAR2(1)	Flag to indicate if Automatic Withholding Tax has been calculated automatically (A), or manually (M)
AWT_GROUP_ID	NULL	NUMBER(15)	Withholding tax group identifier
REFERENCE_1	NULL	VARCHAR2(30)	Reference information from Oracle Projects expense reports
REFERENCE_2	NULL	VARCHAR2(30)	Reference information from Oracle Projects expense reports
ORG_ID	NULL	NUMBER(15)	Organization identifier
PRE_WITHHOLDING_AMOUNT	NULL	NUMBER	Reserved for future use
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
AUTO_TAX_CALC_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether tax amount is automatically calculated for the tax code entered on an invoice. Possible values are: Y for header level, L for line level, T for tax code level and N for no automatic tax calculation
PAYMENT_CROSS_RATE_TYPE	NULL	VARCHAR2(30)	Cross currency payment rate type (only valid value in this release is EMU Fixed)
PAYMENT_CROSS_RATE_DATE	NULL	DATE	Cross currency payment rate date
PAY_CURR_INVOICE_AMOUNT	NULL	NUMBER	Invoice amount in the payment currency
MRC_BASE_AMOUNT	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID and invoice amount in the reporting currency pairs
MRC_EXCHANGE_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID and currency conversion rate pairs

# Column Descriptions (Continued)

Name	Null?	Type	Description
MRC_EXCHANGE_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID and currency conversion rate type pairs
MRC_EXCHANGE_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID and currency conversion date pairs
GL_DATE	NOT NULL	DATE	Accounting date to default to invoice distributions
AWARD_ID	NULL	NUMBER(15)	Reserved for use by Oracle Grants Management

## Indexes

Index Name	Index Type	Sequence	Column Name
AP_INVOICES_N1	NOT UNIQUE	1	BATCH_ID
AP_INVOICES_N10	NOT UNIQUE	1	PO_HEADER_ID
AP_INVOICES_N11	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
AP_INVOICES_N12	NOT UNIQUE	2	VOUCHER_NUM
AP_INVOICES_N13	NOT UNIQUE	5	DOC_SEQUENCE_VALUE
AP_INVOICES_N14	NOT UNIQUE	5	GLOBAL_ATTRIBUTE1
AP_INVOICES_N2	NOT UNIQUE	1	VENDOR_ID
AP_INVOICES_N3	NOT UNIQUE	1	PAYMENT_STATUS_FLAG
AP_INVOICES_N4	NOT UNIQUE	1	INVOICE_AMOUNT
AP_INVOICES_N5	NOT UNIQUE	1	INVOICE_DATE
AP_INVOICES_N6	NOT UNIQUE	1	INVOICE_NUM
AP_INVOICES_N7	NOT UNIQUE	1	VENDOR_SITE_ID
AP_INVOICES_N8	NOT UNIQUE	1	CREATION_DATE
AP_INVOICES_N9	NOT UNIQUE	1	INVOICE_TYPE_LOOKUP_CODE
AP_INVOICES_U1	UNIQUE	1	INVOICE_ID
AP_INVOICES_U2	UNIQUE	1	VENDOR_ID
		2	INVOICE_NUM
		3	ORG_ID
AP_INVOICES_U3	UNIQUE	1	DOC_SEQUENCE_ID
		2	DOC_SEQUENCE_VALUE

## Sequences

Sequence	Derived Column
AP_INVOICES_S	INVOICE_ID

## Database Triggers

Trigger Name : AX\_AP\_INVOICES\_ARU1  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger captures information needed to create subledger accounting events when Oracle Payables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events for Oracle Payables invoices. It fires right after the invoice is canceled.

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Trigger Name : AX\_AP\_INVOICES\_ARU2  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger captures information needed to create subledger accounting events when Oracle Payables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events for Oracle Payables invoices. It fires right after a document sequence is assigned to the invoice.

Trigger Name : AX\_AP\_INVOICES\_ARU3  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger captures information needed to create subledger accounting events when Oracle Payables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events for Oracle Payables invoices. It fires right after the vendor on the invoice is changed.

Trigger Name : AX\_AP\_INVOICES\_BRDI1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, DELETE

This trigger captures information needed to create subledger accounting events when Oracle Payables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events for Oracle Payables invoices. It fires right before the invoice is created or deleted.

Trigger Name : AP\_MRC\_INVOICES\_BIUD  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger exists only when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table AP\_INVOICES\_ALL.

For each record being inserted/updated/deleted in AP\_INVOICES\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, AP\_MC\_INVOICES. In addition, this trigger also populates the MRC VARCHAR2 columns in AP\_INVOICES\_ALL.

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## AP\_INVOICE\_DISTRIBUTIONS\_ALL

AP\_INVOICE\_DISTRIBUTIONS\_ALL holds the distribution line information that you enter for invoices. There is a row for each invoice distribution. A distribution line must be associated with an invoice. An invoice can have multiple distribution lines.

Your Oracle Payables application automatically creates rows in this table when: 1) you choose a distribution set at the invoice level 2) you import expense reports 3) you match an invoice to a purchase order or receipt; it uses information from the matched purchase order or receipt 4) you import invoices via the Open Interface Import process 5) you select to automatically calculate tax 6) you select to automatically do withholding.

Each invoice distribution line has its own accounting date. When you account for an invoice, your Oracle Payables application creates accounting events, accounting entry headers and accounting entry lines for those distribution lines that have accounting dates included in the selected accounting date range for the Payables Accounting Process. The accounting entries can then be transferred over to General Ledger by running the Transfer to General Ledger process which creates journal entries.

Values for POSTED\_FLAG may be Y for accounted distributions or N for distributions that have not been accounted. Values for ACCRUAL\_POSTED\_FLAG may be Y if distribution has been accounted and system is setup for accrual basis accounting or N if either distribution has not been accounted or accrual basis accounting is not used.

Values for CASH\_POSTED\_FLAG may be Y if distribution has been accounted and system is set up for cash basis accounting, N if either distribution has not been accounted or system is not setup for cash basis accounting or P if distribution has been partially accounted in the cash set of books.

The MATCH\_STATUS\_FLAG indicates the approval status for the distribution. Values for the MATCH\_STATUS\_FLAG can be null or N for invoice distributions that Approval has not tested or T for distributions that have been tested or A for distributions that have been tested and approved.

Invoice distributions may be interfaced over/from Oracle Assets or Oracle Projects. Your Oracle Payables application sets the

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ASSETS\_ADDITION\_FLAG to U for distributions not tested by Oracle Assets; Oracle Assets then adjusts this flag after it tests a distribution for assignment as an asset. To avoid the same invoice distribution being interfaced to both Oracle Projects and Oracle Assets, you must interface any project-related invoice distribution to Oracle Projects before you can interface it to Oracle Assets. If the project-related invoice distribution is charged to a capital project in Oracle Projects, Oracle Projects sets the ASSET\_ADDITION\_FLAG to P when the PA\_ADDITION\_FLAG is set to Y, Z or T. Oracle Assets only picks up invoice distributions with the ASSET\_ADDITION\_FLAG set to U and if project-related, with the PA\_ADDITION\_FLAG set to Y, Z, or T. PA\_ADDITION\_FLAG tracks the status of project-related supplier invoice distribution lines and expense report distribution lines. For supplier invoice distributions entered via Oracle Payables, the PA\_ADDITION\_FLAG is set to N if the distribution is project-related, otherwise it is set to E and it is updated by Oracle Projects when the distribution is processed by the Oracle Projects Interface Supplier Invoice process. Oracle Projects sets the PA\_ADDITION\_FLAG to Y or Z after the item is successfully processed, or may be set to a rejection code if the line is rejected during transfer to Oracle Projects; see QuickCodes listing for all the errors. You must correct the rejection reason and try to retransfer the line. For supplier invoice adjustment lines interfaced from Oracle Projects to Oracle Payables (which must net to zero with another line), the value for the PA\_ADDITION\_FLAG is set to T. For expense report distributions interfaced from Oracle Projects to Oracle Payables via Invoice Import, this value is set to N. This row is never picked up by the Interface Supplier Invoices process based on the AP\_INVOICES.INVOICE\_TYPE\_LOOKUP\_CODE = EXPENSE REPORT. For expense report adjustment lines interfaced from Oracle Projects to Oracle Payables which net to zero with another line, this value is set to T. Both lines are associated with the original invoice by the Oracle Projects Interface Expense Reports to AP process.

Values for the ENCUMBERED\_FLAG are as follows: Y indicates a regular distribution that has been successfully encumbered by Payables; W indicates a regular distribution that has been encumbered in advisory mode even though insufficient funds existed; H indicates a regular distribution that has not been encumbered because it was put on hold; N or null indicates a regular line that has not been encumbered because it has not been looked at yet; D is the same as Y for a reversal distribution line; X is the same as W for a reversal distribution line; P is the same as H for a reversal distribution line; R indicates a line to be ignored by encumbrance and approval code because neither the original nor the reversal distributions were looked at and they offset each other so, they can be ignored.

This table corresponds to the Distributions window.

*Foreign Keys*

Primary Key Table	Primary Key Column	Foreign Key Column
AP_ACCOUNTING_EVENTS_ALL	ACCOUNTING_EVENT_ID	ACCOUNTING_EVENT_ID
AP_AWT_GROUPS	GROUP_ID	AWT_GROUP_ID
AP_AWT_GROUPS	GROUP_ID	AWT_ORIGIN_GROUP_ID
AP_AWT_TAX_RATES_ALL	TAX_RATE_ID	AWT_TAX_RATE_ID
AP_BATCHES_ALL	BATCH_ID	BATCH_ID
AP_INCOME_TAX_REGIONS	REGION_SHORT_NAME	INCOME_TAX_REGION
AP_INVOICES_ALL	INVOICE_ID	INVOICE_ID
AP_INVOICES_ALL	INVOICE_ID	PARENT_INVOICE_ID
AP_INVOICES_ALL	INVOICE_ID	AWT_INVOICE_ID
AP_INVOICE_DISTRIBUTIONS_ALL	INVOICE_DISTRIBUTION_ID	PREPAY_DISTRIBUTION_ID
AP_INVOICE_PAYMENTS_ALL	INVOICE_PAYMENT_ID	AWT_INVOICE_PAYMENT_ID
AP_TAX_CODES_ALL	TAX_ID	TAX_CODE_ID
FND_CURRENCIES	CURRENCY_CODE	RECEIPT_CURRENCY_CODE
GL_BC_PACKETS	PACKET_ID	PACKET_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DIST_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RATE_VAR_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PRICE_VAR_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	EXCHANGE_RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_EXP_ORGS_IT	ORGANIZATION_ID	EXPENDITURE_ORGANIZATION_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID

*QuickCodes Columns*

Column	QuickCodes Type	QuickCodes Table
DIST_MATCH_TYPE	DIST_MATCH_TYPE	AP_LOOKUP_CODES
	IP	Item distribution Matched to Purchase Order
	IR	Item distribution Matched to Receipt
	Null	Not Matched
FINAL_MATCH_FLAG	OR	Other Charge distribution matched to Receipt
	FINAL MATCH CODE	ap_lookup_codes
	D	Done
	N	No
LINE_TYPE_LOOKUP_CODE	Y	Yes
	INVOICE DISTRIBUTION TYPE	AP_LOOKUP_CODES
	AWT	Withholding Tax
	FREIGHT	Freight
	ICMS	ICMS
	IPI	IPI
	ITEM	Item
	MISCELLANEOUS	Miscellaneous
	PREPAY	Prepayment

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	TAX	Tax
PA_ADDITION_FLAG	PA_ADDITION_FLAG	PA_LOOKUPS
	A	Accumulation error (obsolete in V4)
	B	No open PA period
	C	Task does not allow charges
	D	Outside project dates
	E	Non-project related invoice distributions
	I	Outside task dates
	J	Project level transaction controls violated
	K	Task level transaction controls violated
	M	Invalid project/task combination
	N	New line not yet processed by Oracle Projects
	P	Project is closed
	Q	Transaction control extension violated
	S	Temporary status used during processing
	T	Adjustment line transferred from Oracle Projects
	V	Invalid data (catch-all error)
	X	Burdening error
	Y	Transferred to Oracle Projects
	Z	Net zero adjustment line. Never transferred to PA

Column Descriptions

Name	Null?	Type	Description
ACCOUNTING_DATE	NOT NULL	DATE	Accounting date
ACCRUAL_POSTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if distribution has been accounted for in the accrual set of books (Y or N)
ASSETS_ADDITION_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if distribution has been transferred into Oracle Assets (U, Y, or N)
ASSETS_TRACKING_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if distribution line is tracked in Oracle Assets (Y or N)
CASH_POSTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if distribution has been accounted for in the cash set of books (Y or N)
DISTRIBUTION_LINE_NUMBER (PK)	NOT NULL	NUMBER(15)	Distribution line number
DIST_CODE_COMBINATION_ID	NOT NULL	NUMBER(15)	Accounting flexfield identifier for account associated with a distribution line
INVOICE_ID (PK)	NOT NULL	NUMBER(15)	Invoice identifier
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LINE_TYPE_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Name of line type

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Column Descriptions (Continued)

Name	Null?	Type	Description
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Accounting period name
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER(15)	No longer used
AMOUNT	NULL	NUMBER	Invoice distribution amount
BASE_AMOUNT	NULL	NUMBER	Amount of invoice in functional currency, only used for foreign currency invoices
BASE_INVOICE_PRICE_VARIANCE	NULL	NUMBER	Price variance amount in functional currency for invoice distribution line matched to a purchase order or receipt
BATCH_ID	NULL	NUMBER(15)	Invoice batch identifier
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description
EXCHANGE_RATE_VARIANCE	NULL	NUMBER	Amount of exchange rate variance for invoice distribution line matched to a purchase order or receipt
FINAL_MATCH_FLAG	NULL	VARCHAR2(1)	Final match indicator for distribution line matched to a purchase order.
INCOME_TAX_REGION	NULL	VARCHAR2(10)	Reporting region for distribution line for 1099 supplier
INVOICE_PRICE_VARIANCE	NULL	NUMBER	Amount of price variance in invoice currency for invoice distribution line matched to a purchase order or receipt
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
MATCH_STATUS_FLAG	NULL	VARCHAR2(1)	Approval status
POSTED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if invoice distribution line has been accounted
PO_DISTRIBUTION_ID	NULL	NUMBER(15)	Purchase order distribution line identifier for purchase order or receipt matched invoice distributions
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Who column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
QUANTITY_INVOICED	NULL	NUMBER	Quantity billed for purchase order or receipt matched invoice distributions
RATE_VAR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for exchange rate variance account for distribution line
REQUEST_ID	NULL	NUMBER(15)	Concurrent Who column
REVERSAL_FLAG	NULL	VARCHAR2(1)	Flag that indicates if distribution line is reversing another distribution line
TYPE_1099	NULL	VARCHAR2(10)	1099 type
UNIT_PRICE	NULL	NUMBER	Unit price for purchase order or receipt matched invoice distributions
VAT_CODE	NULL	VARCHAR2(15)	No longer used
AMOUNT_ENCUMBERED	NULL	NUMBER	No longer used
BASE_AMOUNT_ENCUMBERED	NULL	NUMBER	No longer used
ENCUMBERED_FLAG	NULL	VARCHAR2(1)	Flag indicating encumbrance status of distribution line

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXCHANGE_DATE	NULL	DATE	Date exchange rate is effective for foreign currency invoices
EXCHANGE_RATE	NULL	NUMBER	Exchange rate for a foreign currency invoice
EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	Exchange rate type for a foreign currency invoice
PRICE_ADJUSTMENT_FLAG	NULL	VARCHAR2(1)	No longer used
PRICE_VAR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for price variance account associated with a distribution line matched to a purchase order or receipt
QUANTITY_UNENCUMBERED	NULL	NUMBER	No longer used
STAT_AMOUNT	NULL	NUMBER	Amount associated with a distribution line for measuring statistical quantities
AMOUNT_TO_POST	NULL	NUMBER	No longer used
ATTRIBUTE1	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
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
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive Flexfield structure defining column
BASE_AMOUNT_TO_POST	NULL	NUMBER	No longer used
CASH_JE_BATCH_ID	NULL	NUMBER(15)	No longer used
EXPENDITURE_ITEM_DATE	NULL	DATE	Date for project expenditure item used to build Accounting Flexfield for project-related distribution line
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier for project organization used to build Accounting Flexfield for project-related distribution line

Column Descriptions (Continued)

Name	Null?	Type	Description
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Project expenditure type used to build Accounting Flexfield for project-related distribution line
JE_BATCH_ID	NULL	NUMBER(15)	No longer used
PARENT_INVOICE_ID	NULL	NUMBER(15)	Identifier for invoice matched to a credit or debit memo
PA_ADDITION_FLAG	NULL	VARCHAR2(1)	Flag that indicates if project related invoice distributions have been transferred into Oracle Projects
PA_QUANTITY	NULL	NUMBER(22,5)	Project item quantity used to build Accounting Flexfield for project-related distribution line
POSTED_AMOUNT	NULL	NUMBER	No longer used
POSTED_BASE_AMOUNT	NULL	NUMBER	No longer used
PREPAY_AMOUNT_REMAINING	NULL	NUMBER	Amount of prepayment that can still be applied to an invoice
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Oracle Projects Descriptive Flexfield context column
PROJECT_ID	NULL	NUMBER(15)	Identifier for project used to build Accounting Flexfield for project-related distribution line
TASK_ID	NULL	NUMBER(15)	Identifier for project task used to build Accounting Flexfield for project-related distribution line
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Transaction code for creating US Standard General Ledger journal entries (Oracle Public Sector Payables)
USSGL_TRX_CODE_CONTEXT	NULL	VARCHAR2(30)	USSGL Transaction Code Descriptive Flexfield context column
EARLIEST_SETTLEMENT_DATE	NULL	DATE	No longer used
REQ_DISTRIBUTION_ID	NULL	NUMBER(15)	No longer used
QUANTITY_VARIANCE	NULL	NUMBER	Quantity variance amount for invoice distribution lines matched to purchase order or receipt
BASE_QUANTITY_VARIANCE	NULL	NUMBER	Quantity variance amount in functional currency for invoice distribution lines matched to purchase order or receipt
PACKET_ID	NULL	NUMBER(15)	Budgetary control packet identifier for lines that fail funds checking
AWT_FLAG	NULL	VARCHAR2(1)	Flag to determine if distribution is subject to withholding tax (Y, N, null)
AWT_GROUP_ID	NULL	NUMBER(15)	Withholding tax group identifier
AWT_TAX_RATE_ID	NULL	NUMBER(15)	Withholding tax rate identifier
AWT_GROSS_AMOUNT	NULL	NUMBER	Amount subject to withholding tax
AWT_INVOICE_ID	NULL	NUMBER(15)	Refers to the withholding tax invoice created from this distribution

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Column Descriptions (Continued)

Name	Null?	Type	Description
AWT_ORIGIN_GROUP_ID	NULL	NUMBER(15)	Foreign key to AP_AWT_GROUPS; refers to the parent withholding tax group; this column is only populated for automatically created withholding tax distributions
REFERENCE_1	NULL	VARCHAR2(30)	Reference information from Oracle Projects expense reports or other external source invoice loading program
REFERENCE_2	NULL	VARCHAR2(30)	Reference information from Oracle Projects expense reports or other external source invoice loading program
ORG_ID	NULL	NUMBER(15)	Organization identifier
OTHER_INVOICE_ID	NULL	NUMBER(15)	No longer used
AWT_INVOICE_PAYMENT_ID	NULL	NUMBER(15)	Refers to the parent invoice payment. This column is populated only for automatically created withholding tax distributions at payment time
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	Indicates whether the amount in the AMOUNT column includes tax. Used for Automatic Tax Calculation
TAX_CALCULATED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether tax has automatically been calculated on the distribution
LINE_GROUP_NUMBER	NULL	NUMBER(15)	Value to identify each item line to which you want to prorate
RECEIPT_VERIFIED_FLAG	NULL	VARCHAR2(1)	Indicates whether receipts verified
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether receipts required
RECEIPT_MISSING_FLAG	NULL	VARCHAR2(1)	Indicates whether receipts missing
JUSTIFICATION	NULL	VARCHAR2(240)	Expense justification
EXPENSE_GROUP	NULL	VARCHAR2(80)	Expense group
START_EXPENSE_DATE	NULL	DATE	Date when incurred expense started. Used for Expense Reports
END_EXPENSE_DATE	NULL	DATE	Date when incurred expense ended. Used for Expense Reports
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code of receipt. Used for Expense Reports
RECEIPT_CONVERSION_RATE	NULL	NUMBER	Exchange rate for currency of receipt. Used for Expense Reports
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	Amount in receipt currency. Used for Expense Reports
DAILY_AMOUNT	NULL	NUMBER	Daily expense amount. Used for Expense Reports
WEB_PARAMETER_ID	NULL	NUMBER	Self-Service Web Applications parameter identifier
ADJUSTMENT_REASON	NULL	VARCHAR2(240)	Reason for expense adjustment
AWARD_ID	NULL	NUMBER(15)	Reserved for use by Oracle Grants Management
MRC_DIST_CODE_COMBINATION_ID	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id and expense account associated with distribution line pairs
MRC_BASE_AMOUNT	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id and invoice in primary currency pairs, only applicable for foreign currency invoices
MRC_BASE_INV_PRICE_VARIANCE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id and price variance amount in primary currency for invoice distribution line matched to a purchase order pairs

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Column Descriptions (Continued)

Name	Null?	Type	Description
MRC_EXCHANGE_RATE_VARIANCE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id and currency conversion rate variance for invoice distribution line matched to a purchase order pairs
MRC_RATE_VAR_CCID	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id and currency conversion rate variance account for distribution line pairs
MRC_EXCHANGE_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id and currency conversion date pairs
MRC_EXCHANGE_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id and currency conversion rate pairs
MRC_EXCHANGE_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id and currency conversion rate type pairs
MRC_RECEIPT_CONVERSION_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books id, currency conversion rate from receipt currency to reporting functional currency pairs
DIST_MATCH_TYPE	NULL	VARCHAR2(25)	Flag that indicates type of distribution match
RCV_TRANSACTION_ID	NULL	NUMBER(15)	Receipt identifier for receipt matched invoice distributions
INVOICE_DISTRIBUTION_ID	NOT NULL	NUMBER(15)	Unique identifier for this table
PARENT_REVERSAL_ID	NULL	NUMBER(15)	Invoice distribution identifier for distribution being reversed by the current distribution
TAX_RECOVERY_RATE	NULL	NUMBER	Tax recovery rate for distribution. Used when partially recoverable tax is enabled
TAX_RECOVERY_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Y or N indicates if the user overwrote the default tax recovery rate. If the user overwrote the recovery rate, this overwritten rate is recorded and should not be re-default. Null indicates no nonrecoverable tax enabled
TAX_RECOVERABLE_FLAG	NULL	VARCHAR2(1)	Indicates whether this tax line is recoverable or not. Used for tax lines
TAX_CODE_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicates if the user overwrote the tax code. (Y or N). Tax code is not redefaulted after user overwrites it
TAX_CODE_ID	NULL	NUMBER(15)	The tax code that was used on this distribution for the invoice date

Column Descriptions (Continued)

Name	Null?	Type	Description
PA_CC_AR_INVOICE_ID	NULL	NUMBER(15)	Identifier of the corresponding receivable intercompany invoice in Oracle Receivables
PA_CC_AR_INVOICE_LINE_NUM	NULL	NUMBER(15)	Line number of the corresponding receivable intercompany invoice in Oracle Receivables
PA_CC_PROCESSED_CODE	NULL	VARCHAR2(1)	Indicates the processing status of this invoice line by Oracle Projects in the Receiver Operating Unit
MERCHANT_DOCUMENT_NUMBER	NULL	VARCHAR2(80)	Third party document number. Used for Expense Reports
MERCHANT_NAME	NULL	VARCHAR2(80)	Third party name. Used for Expense Reports
MERCHANT_REFERENCE	NULL	VARCHAR2(240)	Third party reference. Used for Expense Reports
MERCHANT_TAX_REG_NUMBER	NULL	VARCHAR2(80)	Third party tax registration number. Used for Expense Reports
MERCHANT_TAXPAYER_ID	NULL	VARCHAR2(80)	Third party tax identification number. Used for Expense Reports
COUNTRY_OF_SUPPLY	NULL	VARCHAR2(5)	Country where services or goods were originated. Used for Expense Reports
MATCHED_UOM_LOOKUP_CODE	NULL	VARCHAR2(25)	UOM used for the quantity invoiced during matching of this distributions
GMS_BURDENABLE_RAW_COST	NULL	NUMBER(22,5)	Burdenable Raw Cost
ACCOUNTING_EVENT_ID	NULL	NUMBER(15)	Accounting event identifier. Refers to the accounting event that accounted for the distribution
PREPAY_DISTRIBUTION_ID	NULL	NUMBER(15)	Invoice distribution identifier for the distribution on the prepayment that originated the prepayment application represented by the current distribution
CREDIT_CARD_TRX_ID	NULL	NUMBER(15)	Credit card transaction identifier
UPGRADE_POSTED_AMT	NULL	NUMBER	This column is only used during the upgrade to create accounting entries for Cash basis accounting
UPGRADE_BASE_POSTED_AMT	NULL	NUMBER	This column is only used during the upgrade to create accounting entries for Cash basis accounting
INVENTORY_TRANSFER_STATUS	NULL	VARCHAR2(1)	Inventory transfer status indicates whether the invoice distribution has been processed by the transfer invoice variance program. A value of 'N' indicates that the distribution has not been transferred. A value of NULL indicates that either the distribution was transferred or is not eligible for transfer to inventory valuation. The default value of this column at the time of distribution creation is 'N'

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## Indexes

Index Name	Index Type	Sequence	Column Name
AP_INVOICE_DISTRIBUTIONS_N10	NOT UNIQUE	1	RATE_VAR_CODE_COMBINATION_ID
AP_INVOICE_DISTRIBUTIONS_N11	NOT UNIQUE	1	PRICE_VAR_CODE_COMBINATION_ID
AP_INVOICE_DISTRIBUTIONS_N12	NOT UNIQUE	1	PARENT_INVOICE_ID
AP_INVOICE_DISTRIBUTIONS_N13	NOT UNIQUE	1 2	PROJECT_ID TASK_ID
AP_INVOICE_DISTRIBUTIONS_N14	NOT UNIQUE	1 3 5	PA_ADDITION_FLAG PROJECT_ID REQUEST_ID
AP_INVOICE_DISTRIBUTIONS_N15	NOT UNIQUE	1	AWT_INVOICE_PAYMENT_ID
AP_INVOICE_DISTRIBUTIONS_N16	NOT UNIQUE	2	AWT_INVOICE_ID
AP_INVOICE_DISTRIBUTIONS_N17	NOT UNIQUE	5	RCV_TRANSACTION_ID
AP_INVOICE_DISTRIBUTIONS_N18	NOT UNIQUE	5	ACCOUNTING_EVENT_ID
AP_INVOICE_DISTRIBUTIONS_N19	NOT UNIQUE	5	INVENTORY_TRANSFER_STATUS
AP_INVOICE_DISTRIBUTIONS_N2	NOT UNIQUE	1	POSTED_FLAG
AP_INVOICE_DISTRIBUTIONS_N3	NOT UNIQUE	1	DIST_CODE_COMBINATION_ID
AP_INVOICE_DISTRIBUTIONS_N4	NOT UNIQUE	1	ACCOUNTING_DATE
AP_INVOICE_DISTRIBUTIONS_N5	NOT UNIQUE	1	BATCH_ID
AP_INVOICE_DISTRIBUTIONS_N6	NOT UNIQUE	1	ASSETS_ADDITION_FLAG
AP_INVOICE_DISTRIBUTIONS_N7	NOT UNIQUE	1	PO_DISTRIBUTION_ID
AP_INVOICE_DISTRIBUTIONS_N8	NOT UNIQUE	1	ACCRUAL_POSTED_FLAG
AP_INVOICE_DISTRIBUTIONS_N9	NOT UNIQUE	1	CASH_POSTED_FLAG
AP_INVOICE_DISTRIBUTIONS_U1	UNIQUE	1 2	INVOICE_ID DISTRIBUTION_LINE_NUMBER
AP_INVOICE_DISTRIBUTIONS_U2	UNIQUE	5	INVOICE_DISTRIBUTION_ID

## Sequences

Sequence	Derived Column
AP_INVOICE_DISTRIBUTIONS_S	INVOICE_DISTRIBUTION_ID

## Database Triggers

Trigger Name : AX\_AP\_INVOICE\_DIST\_ARU1  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger captures information needed to create subledger accounting events when Oracle Payables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events related to Oracle Payables invoices. It fires right after each invoice distribution line's matching status, accrual posting flag, or accounting date is changed.

Trigger Name : AX\_AP\_INVOICE\_DIST\_ARD11  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT, DELETE

This trigger captures information needed to create subledger accounting events when Oracle Payables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events related to Oracle Payables invoices. It fires right after each invoice distribution line is created or deleted.

Trigger Name : AP\_MRC\_INVOICE\_DISTS\_BIUD  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger exists only when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table AP\_INVOICE\_DISTRIBUTIONS\_ALL.

For each record being inserted/updated/deleted in AP\_INVOICE\_DISTRIBUTIONS\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, AP\_MC\_INVOICE\_DISTS. In addition, this trigger also populates the MRC VARCHAR2 columns in AP\_INVOICE\_DISTRIBUTIONS\_ALL.

Trigger Name : JL\_BR\_AP\_TAX\_HOLDS  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger prevents Payables from automatically creating "Tax Variance" and "Tax Amount Range" holds when Brazilian taxes exist.

This trigger is installed and active only if Latin American Localizations have been installed.

The validation is performed when the current country is Brazil.

## AR\_AGING\_BUCKETS

This table stores information about your aging buckets. Each row includes general information such as the name, type, and status of your aging bucket. You need one row for each aging definition that you define. Each row has at least one line, defined in AR\_AGING\_BUCKET\_LINES. Oracle Receivables uses this information along with AR\_AGING\_BUCKET\_LINES to format your aging reports.

The primary key for this table is AGING\_BUCKET\_ID.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AGING_TYPE	AGING_BUCKETS_TYPE	AR_LOOKUPS
	4BUCKET	4-Bucket Aging
	7BUCKET	7-Bucket Aging
	CREDIT	Credit SnapShot
STATUS	STATEMENT	Statement Aging
	CODE_STATUS	AR_LOOKUPS
	A	Active
	I	Inactive

### Column Descriptions

Name	Null?	Type	Description
AGING_BUCKET_ID (PK)	NOT NULL	NUMBER(15)	Identifier of aging bucket
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN		NUMBER(15)	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
BUCKET_NAME	NOT NULL	VARCHAR2(20)	Aging bucket name
STATUS	NOT NULL	VARCHAR2(30)	Status of the aging bucket (Active or Inactive)
AGING_TYPE	NOT NULL	VARCHAR2(30)	Domain is AGING_BUCKETS_TYPE in ar_lookups
DESCRIPTION		VARCHAR2(240)	Aging bucket description
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive Flexfield Structure Defining Column
ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE2		VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE3		VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE4		VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE5		VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE6		VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE7		VARCHAR2(150)	Descriptive Flexfield Segment Column
ATTRIBUTE8		VARCHAR2(150)	Descriptive Flexfield Segment Column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
AR_AGING_BUCKETS_U1	UNIQUE	1	AGING_BUCKET_ID

Sequences

Sequence	Derived Column
AR_AGING_BUCKETS_S	AGING_BUCKET_ID



## AR\_COLLECTORS

This table stores information about your receivables collectors. Each row includes the collector's name, description, correspondence name, telephone number, and status. You need one row for each collector. Oracle Receivables uses this information to speed data entry when you record customer calls, maintain customer credit profiles, and customer profile classes. The primary key for this table is COLLECTOR\_ID.

*Column Descriptions*

Name	Null?	Type	Description
COLLECTOR_ID (PK)	NOT NULL	NUMBER(15)	Identifier of the Receivables collector
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
NAME	NOT NULL	VARCHAR2(30)	Name of the Receivables collector
EMPLOYEE_ID	NULL	NUMBER(15)	Employee_id of the Receivables collector
DESCRIPTION	NULL	VARCHAR2(240)	Description of the Receivables collector
STATUS	NOT NULL	VARCHAR2(1)	Indicates whether this collector is active or inactive
INACTIVE_DATE	NULL	DATE	Date this collector becomes inactive
ALIAS	NULL	VARCHAR2(240)	Alias by which this collector is known
TELEPHONE_NUMBER	NULL	VARCHAR2(25)	Telephone number of the collector
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
AR_COLLECTORS_N1	NOT UNIQUE	1	NAME
AR_COLLECTORS_U1	UNIQUE	1	COLLECTOR_ID

Sequences

Sequence	Derived Column
AR_COLLECTORS_S	COLLECTOR_ID

## AR\_CUSTOMER\_PROFILES

This table stores a customer's credit information. When you assign a credit profile class to a customer, Oracle Receivables provides default credit profile information. The customer profile class you assign to your customer is stored in AR\_CUSTOMER\_PROFILE\_CLASSES. There is one row for each customer that you enter. Oracle Receivables uses this information to determine a customer's Payment Terms, dunning letter sets, statement cycles, grouping rules, and AutoCash Rule Sets. The primary key for this table is CUSTOMER\_PROFILE\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_AUTOCASH_HIERARCHIES	AUTOCASH_HIERARCHY_ID	AUTOCASH_HIERARCHY_ID
AR_COLLECTORS	COLLECTOR_ID	COLLECTOR_ID
AR_CUSTOMER_PROFILE_CLASSES	CUSTOMER_PROFILE_CLASS_ID	CUSTOMER_PROFILE_CLASS_ID
AR_DUNNING_LETTER_SETS	DUNNING_LETTER_SET_ID	DUNNING_LETTER_SET_ID
AR_STATEMENT_CYCLES	STATEMENT_CYCLE_ID	STATEMENT_CYCLE_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
RA_GROUPING_RULES	GROUPING_RULE_ID	GROUPING_RULE_ID
RA_SITE_USES_ALL	SITE_USE_ID	SITE_USE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CREDIT_BALANCE_STATEMENTS	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
CREDIT_CHECKING	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
CREDIT_HOLD	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
DUNNING_LETTERS	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
INTEREST_CHARGES	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
OVERRIDE_TERMS	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
RISK_CODE	RISK_CODE User defined	AR_LOOKUPS
STATEMENTS	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
STATUS	CODE_STATUS	AR_LOOKUPS
	A	Active
	I	Inactive

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## Column Descriptions

Name	Null?	Type	Description
CUSTOMER_PROFILE_ID (PK)	NOT NULL	NUMBER(15)	Identifier of the customer profile
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CUSTOMER_ID	NOT NULL	NUMBER(15)	Identifier of the customer associated with this profile
STATUS	NOT NULL	VARCHAR2(1)	Indicates whether the profile is active or inactive
COLLECTOR_ID	NOT NULL	NUMBER(15)	Identifier of the collector associated with this customer profile
CREDIT_CHECKING	NOT NULL	VARCHAR2(1)	Indicates whether a credit check is to be carried out
TOLERANCE	NOT NULL	NUMBER	Percentage over credit limit that this customer can exceed before action is taken
DISCOUNT_TERMS	NOT NULL	VARCHAR2(1)	Indicates whether to allow discount terms
DUNNING_LETTERS	NOT NULL	VARCHAR2(1)	Indicates whether to send dunning letters to this customer when invoices, debit memos or chargebacks become past due
INTEREST_CHARGES	NOT NULL	VARCHAR2(1)	Indicates whether to charge this customer interest
STATEMENTS	NOT NULL	VARCHAR2(1)	Indicates whether to send this customer statements
CREDIT_BALANCE_STATEMENTS	NOT NULL	VARCHAR2(1)	Indicates whether to send statements that have a credit balance
CREDIT_HOLD	NOT NULL	VARCHAR2(1)	Indicates whether to put a hold on this customer's credit
CUSTOMER_PROFILE_CLASS_ID	NULL	NUMBER(15)	Identifier of the customer profile class associated with this customer profile
SITE_USE_ID	NULL	NUMBER(15)	Identifier of the site use record associated with this customer profile
CREDIT_LIMIT_EXPIRATION_DATE	NULL	DATE	No longer used
REVIEW_CYCLE_DAYS	NULL	NUMBER	No longer used
CREDIT_RATING	NULL	VARCHAR2(30)	List of values choice (CREDIT_RATING)
RISK_CODE	NULL	VARCHAR2(30)	List of values choice (RISK_CODE)
OUTSIDE_REPORTING	NULL	VARCHAR2(1)	No longer used
STANDARD_TERMS	NULL	NUMBER(15)	User defined payment terms
OVERRIDE_TERMS	NULL	VARCHAR2(1)	Indicates whether to allow override of standard terms
UNIQUE_TERMS	NULL	VARCHAR2(1)	No longer used
AUTO_DUNNING_DAYS	NULL	NUMBER(15)	No longer used
DUNNING_LETTER_SET_ID	NULL	NUMBER(15)	Identifier of the dunning letter set associated with this customer profile
COMBINE_DUNNING_LETTERS	NULL	VARCHAR2(1)	No longer used
INTEREST_PERIOD_DAYS	NULL	NUMBER	Number of days to which the interest rate refers
PRIMARY_AUTO_CASH_METHOD	NULL	NUMBER	No longer used

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Column Descriptions (Continued)

Name	Null?	Type	Description
PAYMENT_GRACE_DAYS	NULL	NUMBER	Maximum number of overdue days allowed before action is taken
DISCOUNT_GRACE_DAYS	NULL	NUMBER	Number of days after discount term date that this customer can take discounts
STATEMENT_CYCLE_ID	NULL	NUMBER(15)	Identifier of the statement cycle associated with this customer profile
ACCOUNT_STATUS	NULL	VARCHAR2(30)	User defined account status
PERCENT_COLLECTABLE	NULL	NUMBER	Percentage of this customer's account balance that can be expected to be collected on a regular basis
AUTOCASH_HIERARCHY_ID	NULL	NUMBER(15)	Identifier of the autocash hierarchy associated with this customer profile
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
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of the last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
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
AUTO_REC_INCL_DISPUTED_FLAG	NOT NULL	VARCHAR2(1)	Y means include disputed transactions; N means do not include disputed transactions

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Column Descriptions (Continued)

Name	Null?	Type	Description
TAX_PRINTING_OPTION	NULL	VARCHAR2(30)	Tax printing option
CHARGE_ON_FINANCE_CHARGE_FLAG	NULL	VARCHAR2(1)	Y to compound finance charges and N to not compound finance charges for this customer or site
GROUPING_RULE_ID	NULL	NUMBER(15)	Identifies the default invoice line grouping rule for the customer
CLEARING_DAYS	NULL	NUMBER(5)	This column is used to specify a value for the number of clearing days before receipts that belong to this customer (or site) can be cleared by the Automatic Clearing program. This overrides the value of the payment method/bank account.
JGZZ_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(35)	JG descriptive flexfield
JGZZ_ATTRIBUTE1	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE2	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE3	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE4	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE5	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE6	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE7	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE8	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE9	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE10	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE11	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE12	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE13	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE14	NULL	VARCHAR2(150)	JG descriptive flexfield
JGZZ_ATTRIBUTE15	NULL	VARCHAR2(150)	JG descriptive flexfield
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

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# Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
CONS_INV_FLAG	NULL	VARCHAR2(1)	Y or N indicates whether customer will be sent a Consolidated Billing Invoice
CONS_INV_TYPE	NULL	VARCHAR2(30)	Type of Consolidated Billing Invoice sent to customer (SUMMARY or DETAIL)
AUTOCASH_HIERARCHY_ID_FOR_ADR	NULL	NUMBER(15)	Identifies AutoCash rule set for unapplied amount in Post QuickCash
LOCKBOX_MATCHING_OPTION	NULL	VARCHAR2(20)	Lockbox matching option (typically INVOICE, SALES_ORDER, PURCHASE_ORDER)
PREF_FUNCTIONAL_CURRENCY	NULL	VARCHAR2(30)	Customers preferred functional currency

## Indexes

Index Name	Index Type	Sequence	Column Name
AR_CUSTOMER_PROFILES_N1	NOT UNIQUE	1	CUSTOMER_ID
AR_CUSTOMER_PROFILES_N2	NOT UNIQUE	1	CREATION_DATE
AR_CUSTOMER_PROFILES_N3	NOT UNIQUE	1	SITE_USE_ID
AR_CUSTOMER_PROFILES_U1	UNIQUE	1	CUSTOMER_PROFILE_ID
AR_CUSTOMER_PROFILES_U2	UNIQUE	1	CUSTOMER_ID
		2	SITE_USE_ID

## Sequences

Sequence	Derived Column
AR_CUSTOMER_PROFILES_S	CUSTOMER_PROFILE_ID

## Database Triggers

Trigger Name : AR\_CUSTOMER\_PROFILES\_BRU  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

If the credit\_rating, risk\_code, or credit\_hold status is changed, this trigger inserts a record into AR\_CREDIT\_HISTORIES.

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## AR\_PAYMENT\_SCHEDULES\_ALL

This table stores all transactions except adjustments and miscellaneous cash receipts. Oracle Receivables updates this table when activity occurs against an invoice, debit memo, chargeback, credit memo, on account credit, or receipt.

Oracle Receivables groups different transactions by the column CLASS. These classes include invoice (INV), debit memos (DM), guarantees (GUAR), credit memos (CM), deposits (DEP), chargebacks (CB), and receipts (PMT). Transaction classes determine which columns in this table Oracle Receivables updates when a transaction occurs, and whether a transaction relates to either the RA\_CUSTOMER\_TRX\_ALL table or the AR\_CASH\_RECEIPTS\_ALL table.

AR\_PAYMENT\_SCHEDULES\_ALL joins to the RA\_CUSTOMER\_TRX\_ALL table for non-payment transaction entries such as the creation of credit memos, debit memos, invoices, chargebacks, or deposits. AR\_PAYMENT\_SCHEDULES\_ALL uses the foreign key CUSTOMER\_TRX\_ID to join to the RA\_CUSTOMER\_TRX\_ALL table for these transactions. AR\_PAYMENT\_SCHEDULES\_ALL joins to the AR\_CASH\_RECEIPTS\_ALL table for invoice-related payment transactions using the foreign key CASH\_RECEIPT\_ID.

When a receipt is applied, Oracle Receivables updates AMOUNT\_APPLIED, STATUS and AMOUNT\_DUE\_REMAINING. STATUS changes from 'OP' to 'CL' for any transaction that has an AMOUNT\_DUE\_REMAINING value of zero. ACTUAL\_DATE\_CLOSED and GL\_DATE\_CLOSED are populated with the date of the latest transaction. For a receipt, the amount due remaining includes on account and unapplied amounts.

Oracle Receivables stores debit items such as invoices, debit memos, chargebacks, deposits, and guarantees as positive numbers in the AMOUNT\_DUE\_REMAINING and AMOUNT\_DUE\_ORIGINAL columns. Credit items such as credit memos and receipts are stored as negative numbers. In Release 10, receipts can be confirmed or not confirmed as designated by the CONFIRMED\_FLAG column. The sum of the AMOUNT\_DUE\_REMAINING column for a customer for all confirmed payment schedules reflects the current customer balance. If this amount is negative, then this column indicates the credit balance amount currently available for this customer.

For invoices with split terms, one record is created in

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RA\_CUSTOMER\_TRX\_ALL and one record is stored in AR\_PAYMENT\_SCHEDULES\_ALL for each installment. In AR\_PAYMENT\_SCHEDULES\_ALL, DUE\_DATE and AMOUNT\_DUE\_REMAINING can differ for each installment of a split term invoice. Each installment is differentiated by the TERMS\_SEQUENCE\_NUMBER column.

If you create a debit memo reversal when you reverse a receipt, Oracle Receivables creates a new payment schedule record for the debit memo and fills in REVERSED\_CASH\_RECEIPT\_ID with the CASH\_RECEIPT\_ID of the receipt that was reversed.

Oracle Receivables creates a new payment schedule record when you create a chargeback in the Receipts window. ASSOCIATED\_CASH\_RECEIPT\_ID is the cash receipt of the payment you entered when you created the chargeback in this window.

GL\_DATE\_CLOSED indicates the general ledger date on which your transaction was closed. This column identifies which transactions Oracle Receivables selects when it displays current and overdue debit items in the aging reports. The aging reports also utilize the current balances in AMOUNT\_DUE\_REMAINING to display outstanding amounts for current and overdue debit items.

ACTUAL\_DATE\_CLOSED gives the date on which you applied a payment or credit to an open transaction that set AMOUNT\_DUE\_REMAINING to 0 for that transaction. Oracle Receivables uses ACTUAL\_DATE\_CLOSED to determine which transactions to include when you print statements.

The primary key for this table is PAYMENT\_SCHEDULE\_ID, which identifies the transaction that created the row.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_ADJUSTMENTS_ALL	ADJUSTMENT_ID	ADJUSTMENT_ID_LAST
AR_CASH_RECEIPTS_ALL	CASH_RECEIPT_ID	CASH_RECEIPT_ID
AR_CASH_RECEIPTS_ALL	CASH_RECEIPT_ID	ASSOCIATED_CASH_RECEIPT_ID
AR_CASH_RECEIPTS_ALL	CASH_RECEIPT_ID	REVERSED_CASH_RECEIPT_ID
AR_CASH_RECEIPTS_ALL	CASH_RECEIPT_ID	CASH_RECEIPT_ID_LAST
AR_COLLECTORS	COLLECTOR_ID	COLLECTOR_LAST
AR_RECEIVABLE_APPLICATIONS_ALL	RECEIVABLE_APPLICATION_ID	CASH_APPLIED_ID_LAST
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	CUSTOMER_TRX_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	CUST_TRX_TYPE_ID
RA_SITE_USES_ALL	SITE_USE_ID	CUSTOMER_SITE_USE_ID

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# Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
RA_TERMS_B	TERM_ID	TERM_ID

## QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLASS	INV/CM	AR_LOOKUPS
	CB	Chargeback
	CM	Credit Memo
	DEP	Deposit
	DM	Debit Memo
	GUAR	Guarantee
	INV	Invoice
	PMT	Receipt
FOLLOW_UP_CODE_LAST	FOLLOW_UP	AR_LOOKUPS
	CALL BACK	Call the customer again
	User defined	
	VERIFY CHECK	Verify that a check has been received
	VERIFY SHIPMENT	Verify that the shipment was sent

## Column Descriptions

Name	Null?	Type	Description
PAYMENT_SCHEDULE_ID (PK)	NOT NULL	NUMBER(15)	Identifies the payment schedule
STAGED_DUNNING_LEVEL	NULL	NUMBER(2)	Dunning level of the item as printed on the dunning correspondence
DUNNING_LEVEL_OVERRIDE_DATE	NULL	DATE	System date that user manually adjusted the dunning level of a debit 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
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DUE_DATE	NOT NULL	DATE	Due date of this installment
AMOUNT_DUE_ORIGINAL	NOT NULL	NUMBER	The original amount due
AMOUNT_DUE_REMAINING	NOT NULL	NUMBER	The current amount due remaining
NUMBER_OF_DUE_DATES	NOT NULL	NUMBER(15)	The total number of installments for this invoice
STATUS	NOT NULL	VARCHAR2(30)	Lookup code for the status of the item
INVOICE_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Lookup code for the currency of the invoice
CLASS	NOT NULL	VARCHAR2(20)	Lookup code for the class of the payment schedule
CUST_TRX_TYPE_ID	NULL	NUMBER(15)	Identifies the transaction type of the item
CUSTOMER_ID	NULL	NUMBER(15)	Identifies the customer associated with the item
CUSTOMER_SITE_USE_ID	NULL	NUMBER(15)	Identifies the customer site associated with the customer. This must be a 'BILL_TO' site.
CUSTOMER_TRX_ID	NULL	NUMBER(15)	Identifies the item itself
CASH_RECEIPT_ID	NULL	NUMBER(15)	Identifies the payment (cash receipt)

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Column Descriptions (Continued)

Name	Null?	Type	Description
ASSOCIATED_CASH_RECEIPT_ID	NULL	NUMBER(15)	Identifies the payment (cash receipt) to which the item was applied
TERM_ID	NULL	NUMBER(15)	Identifies the terms used in calculating the payment schedule
TERMS_SEQUENCE_NUMBER	NULL	NUMBER(15)	The sequence number given to each installment for multiple payment terms
GL_DATE_CLOSED	NOT NULL	DATE	The accounting date on which the schedule was closed; if the schedule is not closed, it is filled with largest date (V7db supports '31-DEC-4712') because we make this a 'not null' column to improve performance of aging report.
ACTUAL_DATE_CLOSED	NOT NULL	DATE	The actual date on which the schedule was closed. When not closed, populate with large date (V7db supports '31-DEC-4712') because we make it a 'not null' column to improve performance of aging report.
DISCOUNT_DATE	NULL	DATE	No longer used
AMOUNT_LINE_ITEMS_ORIGINAL	NULL	NUMBER	Original line amount of the item
AMOUNT_LINE_ITEMS_REMAINING	NULL	NUMBER	Remaining line amount of the item
AMOUNT_APPLIED	NULL	NUMBER	Amount applied to the item
AMOUNT_ADJUSTED	NULL	NUMBER	Amount adjusted against the item
AMOUNT_IN_DISPUTE	NULL	NUMBER	The amount in dispute against the item
AMOUNT_CREDITED	NULL	NUMBER	The amount credited against the item
RECEIVABLES_CHARGES_CHARGED	NULL	NUMBER	Amount of receivables charges incurred against the item
RECEIVABLES_CHARGES_REMAINING	NULL	NUMBER	Amount of receivables charges remaining
FREIGHT_ORIGINAL	NULL	NUMBER	Original freight amount for the item
FREIGHT_REMAINING	NULL	NUMBER	Remaining freight amount for the item
TAX_ORIGINAL	NULL	NUMBER	Original tax amount for the item
TAX_REMAINING	NULL	NUMBER	Remaining tax amount for the item
DISCOUNT_ORIGINAL	NULL	NUMBER	No longer used
DISCOUNT_REMAINING	NULL	NUMBER	No longer used
DISCOUNT_TAKEN_EARNED	NULL	NUMBER	Actual amount of earned discount taken for the item
DISCOUNT_TAKEN_UNEARNED	NULL	NUMBER	Actual amount of unearned discount taken for the item
IN_COLLECTION	NULL	VARCHAR2(1)	Y or N flag to indicate whether the item is in collection
CASH_APPLIED_ID_LAST	NULL	NUMBER	No longer used
CASH_APPLIED_DATE_LAST	NULL	DATE	No longer used
CASH_APPLIED_AMOUNT_LAST	NULL	NUMBER	No longer used

Column Descriptions (Continued)

Name	Null?	Type	Description
CASH_APPLIED_STATUS_LAST	NULL	VARCHAR2(30)	No longer used
CASH_GL_DATE_LAST	NULL	DATE	No longer used
CASH_RECEIPT_ID_LAST	NULL	NUMBER(15)	No longer used
CASH_RECEIPT_DATE_LAST	NULL	DATE	No longer used
CASH_RECEIPT_AMOUNT_LAST	NULL	NUMBER	No longer used
CASH_RECEIPT_STATUS_LAST	NULL	VARCHAR2(30)	No longer used
EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	The exchange rate type used
EXCHANGE_DATE	NULL	DATE	The exchange rate date used
EXCHANGE_RATE	NULL	NUMBER	The exchange rate used
ADJUSTMENT_ID_LAST	NULL	NUMBER(15)	No longer used
ADJUSTMENT_DATE_LAST	NULL	DATE	No longer used
ADJUSTMENT_GL_DATE_LAST	NULL	DATE	No longer used
ADJUSTMENT_AMOUNT_LAST	NULL	NUMBER	No longer used
FOLLOW_UP_DATE_LAST	NULL	DATE	Date the customer was last contacted with reference to the item
FOLLOW_UP_CODE_LAST	NULL	VARCHAR2(30)	Lookup code for the outcome of the last follow up with the customer
PROMISE_DATE_LAST	NULL	DATE	The last date by which the customer promised to pay
PROMISE_AMOUNT_LAST	NULL	NUMBER	The amount the customer last promised to pay
COLLECTOR_LAST	NULL	NUMBER(15)	The last collector that called the customer
CALL_DATE_LAST	NULL	DATE	The last date a collector called a customer
TRX_NUMBER	NULL	VARCHAR2(30)	The transaction number of the item
TRX_DATE	NULL	DATE	The transaction date of the item
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
REVERSED_CASH_RECEIPT_ID	NULL	NUMBER(15)	Cash receipt identifier of reversed payment
AMOUNT_ADJUSTED_PENDING	NULL	NUMBER	Amount of pending adjustment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
GL_DATE	NOT NULL	DATE	General Ledger date
ACCTD_AMOUNT_DUE_REMAINING	NOT NULL	NUMBER	Open amount of transaction in functional currency
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
RECEIPT_CONFIRMED_FLAG	NULL	VARCHAR2(1)	Y or N flag for a receipt to indicate whether the receipt has been confirmed
REQUEST_ID	NULL	NUMBER(15)	Request ID number
SELECTED_FOR_RECEIPT_BATCH_ID	NULL	NUMBER(15)	Automatic receipt batch ID. When this column is null, transaction is available for automatic receipt.
LAST_CHARGE_DATE	NULL	DATE	This column is reserved for future use. RA_SITE_USES.LAST_CHARGE_DATE is being moved down to this level.
SECOND_LAST_CHARGE_DATE	NULL	DATE	This column is reserved for future use. RA_SITE_USES.SECOND_LAST_CHARGE_DATE is being moved down to this level.
DISPUTE_DATE	NULL	DATE	This column stores the last date that was inserted into the AR_DISPUTE_HISTORY table. It basically serves as a placeholder so that the database trigger knows what date to insert.
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
CONS_INV_ID	NULL	NUMBER(15)	Consolidated invoice ID that contains this transaction
CONS_INV_ID_REV	NULL	NUMBER(15)	Identifies a consolidated billing number that includes a cash receipt reversal
EXCLUDE_FROM_DUNNING_FLAG	NULL	VARCHAR2(1)	Y or N indicates whether this customer should be excluded from the dunning process
MRC_CUSTOMER_TRX_ID	NULL	VARCHAR2(2000)	MRC only: Concatenated string of reporting set of books ID, item identifier pairs
MRC_EXCHANGE_RATE_TYPE	NULL	VARCHAR2(2000)	MRC only: Concatenated string of reporting set of books ID, exchange rate type used for converting pairs
MRC_EXCHANGE_DATE	NULL	VARCHAR2(2000)	MRC only: Concatenated string of reporting set of books ID, exchange date for converting pairs
MRC_EXCHANGE_RATE	NULL	VARCHAR2(2000)	MRC only: Concatenated string of reporting set of books ID, exchange rate used for converting pairs
MRC_ACCTD_AMOUNT_DUE_REMAINING	NULL	VARCHAR2(2000)	MRC only: Concatenated string of reporting set of books ID, open amount of transaction in reporting currency(s) pairs

Indexes

Index Name	Index Type	Sequence	Column Name
AR_PAYMENT_SCHEDULES_N1	NOT UNIQUE	1	TRX_DATE
AR_PAYMENT_SCHEDULES_N10	NOT UNIQUE	1	ACTUAL_DATE_CLOSED
AR_PAYMENT_SCHEDULES_N11	NOT UNIQUE	3	CUSTOMER_ID
		6	TRX_NUMBER
AR_PAYMENT_SCHEDULES_N12	NOT UNIQUE	1	ASSOCIATED_CASH_RECEIPT_ID
AR_PAYMENT_SCHEDULES_N13	NOT UNIQUE	1	SELECTED_FOR_RECEIPT_BATCH_ID
AR_PAYMENT_SCHEDULES_N2	NOT UNIQUE	1	CUSTOMER_TRX_ID
AR_PAYMENT_SCHEDULES_N3	NOT UNIQUE	1	TRX_NUMBER
AR_PAYMENT_SCHEDULES_N4	NOT UNIQUE	1	DUE_DATE
AR_PAYMENT_SCHEDULES_N5	NOT UNIQUE	1	CUSTOMER_SITE_USE_ID
		2	STATUS

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#### Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
AR_PAYMENT_SCHEDULES_N6	NOT UNIQUE	1	CUSTOMER_ID
		2	STATUS
AR_PAYMENT_SCHEDULES_N7	NOT UNIQUE	1	TERM_ID
AR_PAYMENT_SCHEDULES_N9	NOT UNIQUE	1	GL_DATE_CLOSED
AR_PAYMENT_SCHEDULES_U1	UNIQUE	1	PAYMENT_SCHEDULE_ID
AR_PAYMENT_SCHEDULES_U2	UNIQUE	1	CASH_RECEIPT_ID
AR_PAYMENT_SCHEDULES_U3	UNIQUE	1	REVERSED_CASH_RECEIPT_ID

#### Sequences

Sequence	Derived Column
AR_PAYMENT_SCHEDULES_S	PAYMENT_SCHEDULE_ID

#### Database Triggers

Trigger Name : AR\_PAYMENT\_SCHEDULES\_BRI  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger sets the gl\_date\_closed and actual\_date\_closed to a different value if these are left null.

Trigger Name : AR\_MRC\_PAYMENT\_SCHEDULES\_BIUD  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table AR\_PAYMENT\_SCHEDULES\_ALL. For each record being inserted/updated/deleted in AR\_PAYMENT\_SCHEDULES\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, AR\_MC\_PAYMENT\_SCHEDULES. In addition, this trigger also populates the MRC VARCHAR2 columns in AR\_PAYMENT\_SCHEDULES\_ALL.

Trigger Name : JL\_BR\_AR\_OCC\_DOCS\_DUE\_DATE\_CHG  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger inserts a new record in JL\_BR\_AR\_OCCURRENCE\_DOCS\_ALL after update of due date field of AR\_PAYMENT\_SCHEDULES\_ALL table. This trigger is active only if Latin American Localizations is used.

Trigger Name : JL\_BR\_AR\_PAYMENT\_SCH\_GBL  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger assigns values to global\_attribute8, global\_attribute9, global\_attribute11 and global\_attribute\_category when payment schedules are created in AR\_PAYMENT\_SCHEDULES\_ALL for a new transaction. This trigger is active only if Latin American Localizations is used.

Trigger Name : AR\_PAYMENT\_SCHEDULES\_BRU  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

Whenever the amount\_in\_dispute is updated, this trigger inserts a record in AR\_DISPUTE\_HISTORY.



## AR\_VAT\_TAX\_ALL\_B

This table contains tax codes that are defined in the Tax Codes and Rates window. Each row represents a tax code and a tax rate valid for the period between the START\_DATE and the END\_DATE.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TAX_ACCOUNT_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID

### Column Descriptions

Name	Null?	Type	Description
VAT_TAX_ID	NOT NULL	NUMBER(15)	Unique identifier
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	The unique identifier of the set of book
TAX_CODE (PK)	NOT NULL	VARCHAR2(50)	The tax code associated with a rate user specified in the Tax Codes and Rates window
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN		NUMBER(15)	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
TAX_RATE		NUMBER	The tax rate associated with the tax code the user specified in the Tax Codes and Rates window
TAX_TYPE	NOT NULL	VARCHAR2(30)	This is a lookup column that uses the lookup_type TAX_TYPE.
VALIDATE_FLAG		VARCHAR2(1)	Indicates whether the tax code is of type Ad Hoc
TAX_ACCOUNT_ID		NUMBER(15)	The code combination ID of the accounting flexfield to which the tax should be posted
START_DATE (PK)	NOT NULL	DATE	First date that the tax code is active
END_DATE		DATE	Last date that the tax code is active
UNAPPROVED_EXEMPTION_FLAG		VARCHAR2(1)	Allow the creation of unapproved exemption certificates
DESCRIPTION		VARCHAR2(60)	Description of tax code (legal requirement in Italy)
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive Flexfield Structure Defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE2		VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE3		VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE4		VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE5		VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE6		VARCHAR2(150)	Descriptive Flexfield Segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
VAT_TRANSACTION_TYPE	NULL	VARCHAR2(30)	VAT Transaction Type
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	When this flag is set to 'Y', the tax code is inclusive by default. Otherwise, it is exclusive.
AMOUNT_INCLUDES_TAX_OVERRIDE	NULL	VARCHAR2(1)	When this flag is set to 'Y', the value of AMOUNT_INCLUDES_TAX_FLAG can be overridden at time of usage. Otherwise, the AMOUNT_INCLUDES_TAX_FLAG at the tax code level must be used.
TAXABLE_BASIS	NULL	VARCHAR2(30)	Lookup type, AR_TAXABLE_BASIS, for determining the taxable amount.
TAX_CALCULATION_PLSQL_BLOCK	NULL	VARCHAR2(2000)	PL/SQL block to calculate the tax amount.
INTERIM_TAX_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the deferred tax account.
ADJ_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the expense/revenue account for adjustments.
EDISC_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the expense account for earned discounts.
UNEDISC_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the expense account for unearned discounts.
FINCHRG_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the revenue account for finance charge.
ADJ_NON_REC_TAX_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the non-recoverable tax account for adjustments.
EDISC_NON_REC_TAX_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the non-recoverable tax account for earned discounts.
UNEDISC_NON_REC_TAX_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the non-recoverable tax account for unearned discounts.
FINCHRG_NON_REC_TAX_CCID	NULL	NUMBER(15)	Code combination ID of the accounting flexfield for the non-recoverable
TAX_CLASS	NULL	VARCHAR2(1)	Input of Output. Output Tax Codes are used on Sales Transactions; Input Tax Codes are used on Purchase Transactions. Only Output Tax Codes can be selected by the user for all Tax Code fields except the Liability Tax Code field of the Receivables Activity Window. This field provides list of values choices for Input Tax Codes.

# Column Descriptions (Continued)

Name	Null?	Type	Description
DISPLAYED_FLAG	NULL	VARCHAR2(1)	Controls whether this Tax Code can be selected using the list of values to choose a tax code or Tax Group. By default, all Tax Groups are Displayed, as are all Tax Codes not used within a Tax Group. Tax Codes already used within Tax Groups are not displayed.
ENABLED_FLAG	NULL	VARCHAR2(1)	Y or N indicates whether the tax code is enabled. This field is used in conjunction with START_DATE and END_DATE and allows the tax code to be enabled/disabled even for the start date specified in the START_DATE field.
TAX_CONSTRAINT_ID	NULL	NUMBER(15)	Identifies a Condition Set which can be used to optionally validate the Tax Group as it is built for any given transaction line. Using Tax Conditions you can check to ensure that a Tax Group has built all the required taxes and raise a user error message if a required tax has not been used. This column is a foreign key to TAX_CONDITIONS_ALL.

## Indexes

Index Name	Index Type	Sequence	Column Name
AR_VAT_TAX_ALL_B_N1	NOT UNIQUE	1	SET_OF_BOOKS_ID
		2	TAX_CODE
		3	START_DATE
AR_VAT_TAX_ALL_B_U1	UNIQUE	1	VAT_TAX_ID

## Sequences

Sequence	Derived Column
AR_VAT_TAX_S	VAT_TAX_ID

# FA\_ADDITIONS\_B

FA\_ADDITIONS\_B contains descriptive information to help you identify your assets. Oracle Assets does not use this table to calculate depreciation.

When you add an asset, Oracle Assets inserts a row into this table and into FA\_ASSET\_HISTORY.

When you change the asset information stored in this table, Oracle Assets updates it in this table. It also creates a new row in FA\_ASSET\_HISTORY.

When you perform a unit retirement, Oracle Assets reduces the CURRENT\_UNITS by the units retired.

UNIT\_ADJUSTMENT\_FLAG is set to YES by the Additions form if you change the number of units for an asset. The Transfers form resets it to NO after you reassign the remaining units.

Oracle Assets does not support ASSET\_IDs that exceed 2,000,000,000.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FA_ADDITIONS_B	ASSET_ID	PARENT_ASSET_ID
FA_ASSET_KEYWORDS	CODE_COMBINATION_ID	ASSET_KEY_CCID
FA_CATEGORIES_B	CATEGORY_ID	ASSET_CATEGORY_ID
FA_LEASES	LEASE_ID	LEASE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ASSET_TYPE	ASSET TYPE	FA_LOOKUPS
	CAPITALIZED	CAPITALIZED
	CIP	CIP
	EXPENSED	EXPENSED
IN_USE_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
NEW_USED	NEUUSE	FA_LOOKUPS
	NEW	NEW
	USED	USED
PROPERTY_1245_1250_CODE	1245/1250 PROPERTY	FA_LOOKUPS
	1245	1245

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1250	1250
PROPERTY_TYPE_CODE	PROPERTY TYPE	FA_LOOKUPS
	PERSONAL	PERSONAL
	REAL	REAL
UNIT_ADJUSTMENT_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES

Column Descriptions

Name	Null?	Type	Description
ASSET_ID (PK)	NOT NULL	NUMBER(15)	System generated asset identification number
ASSET_NUMBER	NOT NULL	VARCHAR2(15)	User assigned asset number
ASSET_KEY_CCID	NULL	NUMBER(15)	Identifies an asset key flexfield combination for the asset
CURRENT_UNITS	NOT NULL	NUMBER	Current number of units for the asset
ASSET_TYPE	NOT NULL	VARCHAR2(11)	Indicates whether the asset is CIP, capitalized, or expensed
TAG_NUMBER	NULL	VARCHAR2(15)	Tag number of the asset
ASSET_CATEGORY_ID	NOT NULL	NUMBER(15)	Identifies category to which the asset belongs
PARENT_ASSET_ID	NULL	NUMBER(15)	Identifies a parent asset for subcomponents
MANUFACTURER_NAME	NULL	VARCHAR2(30)	Name of manufacturer
SERIAL_NUMBER	NULL	VARCHAR2(35)	Serial number of asset
MODEL_NUMBER	NULL	VARCHAR2(40)	Model number of asset
PROPERTY_TYPE_CODE	NULL	VARCHAR2(10)	Indicates the property type
PROPERTY_1245_1250_CODE	NULL	VARCHAR2(4)	Indicates whether property class is 1245 (personal) or 1250 (real)
IN_USE_FLAG	NOT NULL	VARCHAR2(3)	Indicates whether the asset is in use
OWNED_LEASED	NOT NULL	VARCHAR2(15)	Indicates whether asset is owned or leased
NEW_USED	NOT NULL	VARCHAR2(4)	Indicates whether asset is new or used
UNIT_ADJUSTMENT_FLAG	NOT NULL	VARCHAR2(3)	Indicates whether a unit adjustment is taking place
ADD_COST_JE_FLAG	NOT NULL	VARCHAR2(3)	No longer used
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE21	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE22	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE23	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE24	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE25	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE26	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE27	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE28	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE29	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE30	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY_CODE	NOT NULL	VARCHAR2(210)	Reference field for the asset category descriptive flexfield. Contains the concatenated segment values from the category key flexfield
CONTEXT	NULL	VARCHAR2(210)	Structure defining column for the asset category descriptive flexfield
LEASE_ID	NULL	NUMBER(15)	Lease identification number
INVENTORIAL	NULL	VARCHAR2(3)	Indicates whether the asset should be included in physical inventory
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT 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
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality

### Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality

### Indexes

Index Name	Index Type	Sequence	Column Name
FA_ADDITIONS_B_N1	NOT UNIQUE	1	ASSET_CATEGORY_ID
FA_ADDITIONS_B_N2	NOT UNIQUE	1	PARENT_ASSET_ID
FA_ADDITIONS_B_N3	NOT UNIQUE	1	ASSET_KEY_CCID
FA_ADDITIONS_B_U1	UNIQUE	1	ASSET_ID
FA_ADDITIONS_B_U2	UNIQUE	1	ASSET_NUMBER
FA_ADDITIONS_B_U3	UNIQUE	1	TAG_NUMBER

### Sequences

Sequence	Derived Column
FA_ADDITIONS_S	ASSET_ID

### Database Triggers

Trigger Name : FACTAD\_AU  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger initiates events that are relevant to CIP and/or capitalized CIP assets with the condition that 'Allow CIP Assets' is enabled.

Trigger Name : FACTAD\_BU  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger initiates events that are relevant to CIP and/or capitalized CIP assets with the condition that 'Allow CIP Assets' is enabled.



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## FA\_ASSET\_INVOICES

FA\_ASSET\_INVOICES stores accounts payable and purchasing information about your assets so you can track your assets to their source. This table also stores all costs interfaced from projects including labor and expenses.

Oracle Assets inserts a row into this table for each asset when you use Mass Additions to automatically add your assets. For manual additions, Oracle Assets inserts a row only if you complete the purchasing zone of the Additions form. This becomes an "active" row for the asset. You can have multiple "active" rows for each asset.

Oracle Assets inserts an "active" row into this table when you use the CIP Asset Adjustments form to add an invoice line to a CIP asset. If you delete an invoice line using this form, Oracle Assets marks the row as obsolete. If you change an invoice line using the CIP Asset Adjustments form or the Transfer Invoices form, Oracle Assets inserts another row into this table, which then becomes an "active" row, and marks the previous row as obsolete.

When Oracle Assets terminates a row, the DATE\_INEFFECTIVE and INVOICE\_TRANSACTION\_ID\_OUT are set to the DATE\_EFFECTIVE and INVOICE\_TRANSACTION\_ID\_IN of the new row, respectively. This means that you can easily identify rows affected by the same transaction because they have the same DATE\_EFFECTIVE / DATE\_INEFFECTIVE and INVOICE\_TRANSACTION\_ID\_IN / INVOICE\_TRANSACTION\_ID\_OUT pairs. When Oracle Assets created the new row, the value used for the INVOICE\_TRANSACTION\_ID\_IN column is the same as the INVOICE\_TRANSACTION\_ID in the row inserted in FA\_INVOICE\_TRANSACTIONS, and the DATE\_EFFECTIVE is the system date. Oracle Assets also inserts a row in FA\_TRANSACTION\_HEADERS in which the INVOICE\_TRANSACTION\_ID is the same as the INVOICE\_TRANSACTION\_ID in FA\_INVOICE\_TRANSACTIONS.

FEEDER\_SYSTEM\_NAME identifies the system from which the mass additions originated.

POST\_BATCH\_ID identifies the Mass Additions Post concurrent request that posted your mass additions to Oracle Assets.

DELETED\_FLAG is set to 'YES' when you delete an invoice using the CIP Asset Adjustments form.

DATE\_EFFECTIVE is the date on which you entered the transaction into Oracle Assets.

**SPLIT\_MERGED\_CODE** tells you whether an invoice was split or merged:

**MC** Merged child – Oracle Assets merged this invoice line into another mass addition.

**MP** Merged parent – Oracle Assets merged other invoice lines into this mass addition.

**SC** Split child – Oracle Assets created this mass addition from a multi-unit mass addition.

**SP** Split parent – Oracle Assets split this multi-unit mass addition into individual mass additions.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_INVOICES_ALL	INVOICE_ID	INVOICE_ID
AP_INVOICE_DISTRIBUTIONS_ALL	DISTRIBUTION_LINE_NUMBER INVOICE_ID	AP_DISTRIBUTION_LINE_NUMBER INVOICE_ID
FA_ADDITIONS_B	ASSET_ID	ASSET_ID
FA_INVOICE_TRANSACTIONS	INVOICE_TRANSACTION_ID	INVOICE_TRANSACTION_ID_IN
FA_INVOICE_TRANSACTIONS	INVOICE_TRANSACTION_ID	INVOICE_TRANSACTION_ID_OUT
FA_MASS_ADDITIONS	MASS_ADDITION_ID	PARENT_MASS_ADDITION_ID
FA_MASS_ADDITIONS	MASS_ADDITION_ID	MERGE_PARENT_MASS_ADDITIONS_ID
FA_MASS_ADDITIONS	MASS_ADDITION_ID	SPLIT_PARENT_MASS_ADDITIONS_ID
FND_CONCURRENT_REQUESTS	REQUEST_ID	CREATE_BATCH_ID
FND_CONCURRENT_REQUESTS	REQUEST_ID	POST_BATCH_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PAYABLES_CODE_COMBINATION_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECT_ASSET_LINES_ALL	PROJECT_ASSET_LINE_ID	PROJECT_ASSET_LINE_ID
PA_TASKS	TASK_ID	TASK_ID
PO_HEADERS_ALL	SEGMENT1	PO_NUMBER
PO_VENDORS	VENDOR_ID	PO_VENDOR_ID

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DELETED_FLAG	YESNO NO YES	FA_LOOKUPS NO YES

#### Column Descriptions

Name	Null?	Type	Description
ASSET_ID	NOT NULL	NUMBER(15)	Asset identification number
PO_VENDOR_ID	NULL	NUMBER(15)	Supplier identification number
ASSET_INVOICE_ID	NULL	NUMBER(15)	Same as Mass_Addition_id number for this row
FIXED_ASSETS_COST	NULL	NUMBER	Cost of asset in Oracle Assets
DATE_EFFECTIVE	NOT NULL	DATE	Date the row became effective
DATE_INEFFECTIVE	NULL	DATE	Date the row became ineffective
INVOICE_TRANSACTION_ID_IN	NULL	NUMBER(15)	Transaction number from FA_INVOICE_TRANSACTIONS that created this row

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Column Descriptions (Continued)

Name	Null?	Type	Description
INVOICE_TRANSACTION_ID_OUT	NULL	NUMBER(15)	Transaction number from FA_INVOICE_TRANSACTIONS that terminated this row
DELETED_FLAG	NOT NULL	VARCHAR2(3)	Indicates whether this row has been deleted in the CIP Adjustment form
PO_NUMBER	NULL	VARCHAR2(20)	Purchase order number
INVOICE_NUMBER	NULL	VARCHAR2(50)	Invoice number
PAYABLES_BATCH_NAME	NULL	VARCHAR2(50)	Name of the payables batch that contained this invoice
PAYABLES_CODE_COMBINATION_ID	NULL	NUMBER(15)	Clearing account number to which this line was posted in accounts payable
FEEDER_SYSTEM_NAME	NULL	VARCHAR2(40)	Name of the feeder system that created the FA_MASS_ADDITIONS row
CREATE_BATCH_DATE	NULL	DATE	Date the mass additions batch was created for this row
CREATE_BATCH_ID	NULL	NUMBER(15)	Mass additions create request identification number for this row
INVOICE_DATE	NULL	DATE	Invoice date from accounts payable
PAYABLES_COST	NULL	NUMBER	Invoice cost from accounts payable
POST_BATCH_ID	NULL	NUMBER(15)	Mass Additions Post request identification number for this row
INVOICE_ID	NULL	NUMBER(15)	Invoice identification number
AP_DISTRIBUTION_LINE_NUMBER	NULL	NUMBER(15)	Distribution line identification number
PAYABLES_UNITS	NULL	NUMBER	Units from AP_INVOICE_DISTRIBUTIONS row
SPLIT_MERGED_CODE	NULL	VARCHAR2(3)	Indicates if the invoice line is split or merged
DESCRIPTION	NULL	VARCHAR2(80)	Invoice line description
PARENT_MASS_ADDITION_ID	NULL	VARCHAR2(15)	Parent mass addition identification number for the mass addition
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT 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
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

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## Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY_CODE	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
UNREVALUED_COST	NULL	NUMBER	Cost without regard to any revaluations
MERGED_CODE	NULL	VARCHAR2(3)	Indicates if the mass addition is a merged parent or a merged child.
SPLIT_CODE	NULL	VARCHAR2(3)	Indicates if the mass addition is a split parent or a split child.
MERGE_PARENT_MASS_ADDITIONS_ID	NULL	NUMBER(15)	Merged parent mass addition id.
SPLIT_PARENT_MASS_ADDITIONS_ID	NULL	NUMBER(15)	Split parent mass addition id.
PROJECT_ASSET_LINE_ID	NULL	NUMBER(15)	Identifier of the summarized asset cost line transferred from Oracle Projects to create this line.
PROJECT_ID	NULL	NUMBER(15)	Identifier of the project from which the costs are collected, summarized, and transferred from Oracle Projects.
TASK_ID	NULL	NUMBER(15)	Identifier of the task from which costs are collected, summarized, and transferred from Oracle Projects. This column is only populated if the costs were summarized by task.
SOURCE_LINE_ID	NULL	NUMBER(15)	Reserved for system use. Do not use.

## Indexes

Index Name	Index Type	Sequence	Column Name
FA_ASSET_INVOICES_N1	NOT UNIQUE	1	ASSET_ID
		2	PO_VENDOR_ID
		3	INVOICE_NUMBER
FA_ASSET_INVOICES_N2	NOT UNIQUE	1	ASSET_ID
		2	PO_VENDOR_ID
		3	PO_NUMBER
FA_ASSET_INVOICES_N3	NOT UNIQUE	1	PO_NUMBER
FA_ASSET_INVOICES_N4	NOT UNIQUE	1	ASSET_INVOICE_ID
FA_ASSET_INVOICES_N5	NOT UNIQUE	1	PO_VENDOR_ID
FA_ASSET_INVOICES_N6	NOT UNIQUE	2	PROJECT_ASSET_LINE_ID

## Database Triggers

Trigger Name : FA\_MC\_ASSET\_INVOICES\_AID  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT, DELETE

This MRC trigger exists only when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert or delete statement on the table FA\_ASSET\_INVOICES. For each record being inserted or deleted in FA\_ADJUSTMENTS, this trigger inserts, updates, or deletes corresponding reporting currency records in the MRC sub-table, FA\_MC\_ADJUSTMENTS.

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## FA\_BOOKS

FA\_BOOKS contains the information that Oracle Assets needs to calculate depreciation.

When you initially add an asset, Oracle Assets inserts one row into the table. This becomes the "active" row for the asset. Whenever you use the Depreciation Books form to change the asset's depreciation information, or if you retire or reinstate it, Oracle Assets inserts another row into the table, which then becomes the new "active" row, and marks the previous row as obsolete. At any point in time, there is only one "active" row in the table for an asset in any given depreciation book. Generally, Oracle Assets uses the active row, but if you run a report for a prior accounting period, Oracle Assets selects the row that was active during that period. You can identify the active row for an asset in a book because it is the only one whose DATE\_INEFFECTIVE and TRANSACTION\_HEADER\_ID\_OUT are NULL.

When Oracle Assets terminates a row, the DATE\_INEFFECTIVE and TRANSACTION\_HEADER\_OUT are set to the DATE\_EFFECTIVE and TRANSACTION\_HEADER\_IN of the new row, respectively. This means that you can easily identify rows affected by the same transaction because they have the same DATE\_EFFECTIVE / DATE\_INEFFECTIVE and TRANSACTION\_HEADER\_ID\_IN / TRANSACTION\_HEADER\_ID\_OUT pairs. When Oracle Assets creates the new row, the value used for the TRANSACTION\_HEADER\_ID\_IN column is the same as the TRANSACTION\_HEADER\_ID in the row inserted into FA\_TRANSACTION\_HEADERS, and the DATE\_EFFECTIVE is the system date.

When you retire an asset, Oracle Assets inserts a new row to reduce the COST by the amount retired.

When you reinstate an asset, Oracle Assets inserts a new row to increase the COST by the COST\_RETIRED in the corresponding row in FA\_RETIREMENTS.

RATE\_ADJUSTMENT\_FACTOR is originally 1. It is used to spread depreciation over the remaining life of an asset after an amortization or revaluation. If you perform a revaluation or an amortized adjustment, Oracle Assets resets the Rate Adjustment Factor to prorate the remaining recoverable net book value over the remaining life. This fraction is calculated as [Recoverable Cost – what Depreciation Reserve would be]/Recoverable Cost. The depreciation program uses this value to adjust the depreciation rate for an asset.

NOTE: Altering the Rate Adjustment Factor value damages data integrity.

COST\_CHANGE\_FLAG is set to YES by the Depreciation Books form if you change the financial information for an asset and elect to expense the resulting depreciation adjustment. The depreciation program resets it to NO when it depreciates the asset.

ADJUSTMENT\_REQUIRED\_STATUS tells the depreciation program to make an adjustment to depreciation expense for retroactive transactions. The Depreciation Books form sets it to ADD for a retroactive addition, the Transfers form sets it to TFR for a retroactive transfer, and it is NONE for all other cases.

ADJUSTED\_COST is used to calculate depreciation; it is the remaining depreciable basis since addition or latest amortized adjustment or revaluation. Oracle Assets resets the Adjusted Cost at the beginning of the fiscal year for assets depreciating under NBV-based methods. ADJUSTED\_CAPACITY is similar.

NOTE: Altering the Adjusted Cost value damages data integrity.

TAX\_REQUEST\_ID is the concurrent request number for the Mass Copy process that copied the asset into a tax book. This column is always NULL for corporate book rows.

PERIOD\_COUNTER\_CAPITALIZED is the period in which you capitalized a construction-in-process (CIP) asset.

TRANSACTION\_HEADER\_ID\_IN identifies the transaction that created the row.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FA_ADDITIONS_B	ASSET_ID	ASSET_ID
FA_BONUS_RATES	BONUS_RULE	BONUS_RULE
FA_BOOK_CONTROLS	BOOK_TYPE_CODE	BOOK_TYPE_CODE
FA_CATEGORY_BOOK_DEFAULTS	BOOK_TYPE_CODE	BOOK_TYPE_CODE
FA_CEILINGS	CEILING_NAME	CEILING_NAME
FA_CEILING_TYPES	CEILING_NAME	CEILING_NAME
FA_CONVENTION_TYPES	PRORATE_CONVENTION_CODE	PRORATE_CONVENTION_CODE
FA_DEPRN_PERIODS	PERIOD_COUNTER	PERIOD_COUNTER_FULLY_RESERVED
	BOOK_TYPE_CODE	BOOK_TYPE_CODE
FA_DEPRN_PERIODS	BOOK_TYPE_CODE	BOOK_TYPE_CODE
	PERIOD_COUNTER	PERIOD_COUNTER_FULLY_RETIRED
FA_DEPRN_PERIODS	BOOK_TYPE_CODE	BOOK_TYPE_CODE
	PERIOD_COUNTER	PERIOD_COUNTER_CAPITALIZED
FA_DEPRN_PERIODS	PERIOD_COUNTER	PERIOD_COUNTER_LIFE_COMPLETE
	BOOK_TYPE_CODE	BOOK_TYPE_CODE
FA_ITC_RATES	ITC_AMOUNT_ID	ITC_AMOUNT_ID
FA_METHODS	METHOD_CODE	DEPRN_METHOD_CODE
	LIFE_IN_MONTHS	LIFE_IN_MONTHS
FA_RETIREMENTS	RETIREMENT_ID	RETIREMENT_ID
FA_TRANSACTION_HEADERS	TRANSACTION_HEADER_ID	TRANSACTION_HEADER_ID_IN
FA_TRANSACTION_HEADERS	TRANSACTION_HEADER_ID	TRANSACTION_HEADER_ID_OUT
FND_CONCURRENT_REQUESTS	REQUEST_ID	TAX_REQUEST_ID

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# QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CAPITALIZE_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
COST_CHANGE_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
DEPRECIATE_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
RETIREMENT_PENDING_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES

# Column Descriptions

Name	Null?	Type	Description
BOOK_TYPE_CODE	NOT NULL	VARCHAR2(15)	Book name
ASSET_ID	NOT NULL	NUMBER(15)	Asset identification number
DATE_PLACED_IN_SERVICE	NOT NULL	DATE	Date the asset was placed in service
DATE_EFFECTIVE	NOT NULL	DATE	Date the row was entered
DEPRN_START_DATE	NOT NULL	DATE	Date the asset started to depreciate
DEPRN_METHOD_CODE	NOT NULL	VARCHAR2(12)	Name of the depreciation method for the asset
LIFE_IN_MONTHS	NULL	NUMBER(4)	Life of the asset in total months
RATE_ADJUSTMENT_FACTOR	NOT NULL	NUMBER	Percent of remaining depreciation after a revaluation or an amortized change, or 1
ADJUSTED_COST	NOT NULL	NUMBER	Recoverable cost less depreciation reserve. Reset when you perform an amortized adjustment or revaluation
COST	NOT NULL	NUMBER	Current cost of the asset
ORIGINAL_COST	NOT NULL	NUMBER	Original cost of the asset
SALVAGE_VALUE	NOT NULL	NUMBER	Asset salvage value
PRORATE_CONVENTION_CODE	NOT NULL	VARCHAR2(10)	Depreciation prorate convention
PRORATE_DATE	NOT NULL	DATE	Date used to prorate depreciation
COST_CHANGE_FLAG	NOT NULL	VARCHAR2(3)	Indicates whether there is an adjustment pending for the asset. The depreciation program recalculates depreciation reserve from the beginning of the asset's life if this flag is set to YES
ADJUSTMENT_REQUIRED_STATUS	NOT NULL	VARCHAR2(4)	Indicates asset requires an adjustment to depreciation expense for a retroactive transaction
CAPITALIZE_FLAG	NOT NULL	VARCHAR2(3)	Indicates whether the asset is a capitalized asset
RETIREMENT_PENDING_FLAG	NOT NULL	VARCHAR2(3)	Indicates whether the asset has a retirement pending
DEPRECIATE_FLAG	NOT NULL	VARCHAR2(3)	Indicates whether the asset is depreciating
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
DATE_INEFFECTIVE	NULL	DATE	Date which the row became ineffective
TRANSACTION_HEADER_ID_IN (PK)	NOT NULL	NUMBER(15)	Identifies the transaction that made this row effective
TRANSACTION_HEADER_ID_OUT	NULL	NUMBER(15)	Identifies the transaction that made this row ineffective
ITC_AMOUNT_ID	NULL	NUMBER(15)	Identifies the ITC rate
ITC_AMOUNT	NULL	NUMBER	Amount of ITC
RETIREMENT_ID	NULL	NUMBER(15)	Identifies the retirement transaction if the asset has been retired
TAX_REQUEST_ID	NULL	NUMBER(15)	Concurrent request number for mass copy program
ITC_BASIS	NULL	NUMBER	Cost basis for calculating ITC
BASIC_RATE	NULL	NUMBER	Base rate used to calculate depreciation amount for flat-rate methods
ADJUSTED_RATE	NULL	NUMBER	Actual rate used to calculate depreciation for flat-rate methods
BONUS_RULE	NULL	VARCHAR2(30)	Identifies the bonus rule to use in calculating depreciation for the flat-rate methods
CEILING_NAME	NULL	VARCHAR2(30)	Identifies a depreciation ceiling to use in calculating depreciation
RECOVERABLE_COST	NOT NULL	NUMBER	Cost minus salvage value, or depreciation ceiling, whichever is lower
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ADJUSTED_CAPACITY	NULL	NUMBER	Capacity of a units of production asset. Reset to the remaining capacity when you perform an amortized capacity adjustment
FULLY_RSVD_REVALS_COUNTER	NULL	NUMBER(5)	Number of times the asset has been revalued as fully reserved
IDLED_FLAG	NULL	VARCHAR2(3)	Reserved for future use
PERIOD_COUNTER_CAPITALIZED	NULL	NUMBER(15)	Period that the asset was capitalized
PERIOD_COUNTER_FULLY_RESERVED	NULL	NUMBER(15)	Period that the asset became fully reserved
PERIOD_COUNTER_FULLY_RETIRED	NULL	NUMBER(15)	Period in which the asset was fully retired
PRODUCTION_CAPACITY	NULL	NUMBER	Capacity of a units of production asset
REVAL_AMORTIZATION_BASIS	NULL	NUMBER	Revaluation reserve used in calculating amortization of revaluation reserve. Updated only when the asset is revalued or has an amortized adjustment
REVAL_CEILING	NULL	NUMBER	Upper limit for revaluing asset cost
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure of a units of production asset
UNREVALUED_COST	NOT NULL	NUMBER	Cost without regard to any revaluations



Column Descriptions (Continued)

Name	Null?	Type	Description
ANNUAL_DEPRN_ROUNDING_FLAG	NULL	VARCHAR2(5)	Indicates whether Oracle Assets should subtract year-to-date depreciation from the annual depreciation amount to get the depreciation amount for the last period of the fiscal year
PERCENT_SALVAGE_VALUE	NULL	NUMBER	Salvage value percentage amount
ALLOWED_DEPRN_LIMIT	NULL	NUMBER	The default depreciation limit as a percentage of cost.
ALLOWED_DEPRN_LIMIT_AMOUNT	NULL	NUMBER	Cost without regard to any revaluations
PERIOD_COUNTER_LIFE_COMPLETE	NULL	NUMBER(15)	The period the asset's useful life is fully reserved
ADJUSTED_RECOVERABLE_COST	NULL	NUMBER	Adjusted recoverable cost with special depreciation limits taken into account
ANNUAL_ROUNDING_FLAG	NULL	VARCHAR2(5)	Reserved for future use
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
EOFY_ADJ_COST	NULL	NUMBER	Adjusted Cost at the end of Fiscal Year

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## Column Descriptions (Continued)

Name	Null?	Type	Description
EOFY_FORMULA_FACTOR	NULL	NUMBER	Formula factor at the end of Fiscal Year
SHORT_FISCAL_YEAR_FLAG	NULL	VARCHAR2(3)	Indicates if asset is added in a short fiscal year
CONVERSION_DATE	NULL	DATE	Date short tax year asset added to the acquiring company
ORIGINAL_DEPRN_START_DATE	NULL	DATE	Date short tax year asset began depreciating in the acquired company's books
REMAINING_LIFE1	NULL	NUMBER(4)	Remaining life of the asset as of the conversion date, prorate date or fiscal year start date
REMAINING_LIFE2	NULL	NUMBER(4)	Remaining life of the asset as of the fiscal year start date
OLD_ADJUSTED_COST	NULL	NUMBER	The old cost of a formula-based NBV-based asset before an adjustment
FORMULA_FACTOR	NULL	NUMBER	Factor used to adjust the depreciation rate for formula-based NBV-based assets
GROUP_ASSET_ID	NULL	NUMBER(15)	Reserved for system use. Do not use.

## Indexes

Index Name	Index Type	Sequence	Column Name
FA_BOOKS_N1	NOT UNIQUE	1	ASSET_ID
		2	BOOK_TYPE_CODE
FA_BOOKS_N2	NOT UNIQUE	1	TRANSACTION_HEADER_ID_OUT
FA_BOOKS_N3	NOT UNIQUE	1	RETIREMENT_ID
FA_BOOKS_U1	UNIQUE	1	TRANSACTION_HEADER_ID_IN

## Database Triggers

Trigger Name : JL\_ZZ\_FA\_BOOKS\_GLOB\_FLEX\_RL  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT

Assigns values to the following variables -- asset\_id, book\_type\_code, and transaction\_header\_id\_in in the JL\_ZZ\_FA\_BOOKS\_PKG. These are subsequently used to update the GLOBAL\_ATTRIBUTES in the FA\_BOOKS table. This trigger is active only if Latin American Localization is used.

Trigger Name : JL\_ZZ\_FA\_BOOKS\_GLOB\_FLEX\_SL  
 Trigger Time : AFTER  
 Trigger Level : STATEMENT  
 Trigger Event : INSERT

Updates the GLOBAL\_ATTRIBUTES of the active row in the FA\_BOOKS table by calling the JL\_ZZ\_FA\_BOOKS\_PKG. This ensures that all the GLOBAL\_ATTRIBUTES from the inactive row are copied over to the active row. This trigger is active only if Latin American Localization is used.

Trigger Name : FACTBKS\_BI  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger initiates events that are relevant to CIP and/or capitalized CIP assets with the condition that 'Allow CIP Assets' is enabled.

Trigger Name : FACTBKS\_AI  
Trigger Time : AFTER  
Trigger Level : STATEMENT  
Trigger Event : INSERT

This trigger initiates events that are relevant to CIP and/or capitalized CIP assets with the condition that 'Allow CIP Assets' is enabled.

Trigger Name : FACTBKS\_BU  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger initiates events that are relevant to CIP and/or capitalized CIP assets with the condition that 'Allow CIP Assets' is enabled.

Trigger Name : FACTBKS\_AU  
Trigger Time : AFTER  
Trigger Level : STATEMENT  
Trigger Event : UPDATE

This trigger initiates events that are relevant to CIP and/or capitalized CIP assets with the condition that 'Allow CIP Assets' is enabled.

Trigger Name : FA\_MC\_BOOKS\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger exists only when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table FA\_BOOKS. This trigger inserts, updates, or deletes the corresponding reporting currency records in the MRC sub-table, FA\_MC\_BOOKS.

Trigger Name : FA\_BOOKS\_ARC1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger updates ADJUSTED\_RECOVERABLE\_COST in FA\_BOOKS based on the values in the following columns in NEW.COST != OLD.COST OR NEW.DATE\_PLACED\_IN\_SERVICE != FA\_CATEGORY\_BOOK\_DEFAULTS: USE\_DEPRN\_LIMITS\_FLAG, ALLOWED\_DEPRN\_LIMIT, OLD.DATE\_PLACED\_IN\_SERVICE and SPECIAL\_DEPRN\_LIMIT\_AMOUNT.

Trigger Name : FA\_BOOKS\_ARC2  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger inserts ADJUSTED\_RECOVERABLE\_COST in FA\_BOOKS based on NEW.ADJUSTED\_RECOVERABLE\_COST IS NULL the values in the following columns in FA\_CATEGORY\_BOOK\_DEFAULTS: USE\_DEPRN\_LIMITS\_FLAG, ALLOWED\_DEPRN\_LIMIT, and SPECIAL\_DEPRN\_LIMIT\_AMOUNT.

## FA\_CATEGORIES\_B

FA\_CATEGORIES\_B stores information about your asset categories. This table provides default information when you add an asset. The depreciation program does not use this information to calculate depreciation.

The Asset Categories form inserts one row in this table for each asset category you define.

The Application Object Library table FND\_ID\_FLEX\_SEGMENTS stores information about which column in this table is used for each segment.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CAPITALIZE_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
CATEGORY_TYPE	CATEGORY TYPE	FA_LOOKUPS
	LEASE	LEASE
	LEASEHOLD IMPROVEMENT	LEASEHOLD IMPROVEMENT
	NON-LEASE	NON-LEASE
ENABLED_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
OWNED_LEASED	OWNLEASE	FA_LOOKUPS
	LEASED	LEASED
	OWNED	OWNED
PROPERTY_1245_1250_CODE	1245/1250 PROPERTY	FA_LOOKUPS
	1245	1245
	1250	1250
PROPERTY_TYPE_CODE	PROPERTY TYPE	FA_LOOKUPS
	PERSONAL	PERSONAL
	REAL	REAL
SUMMARY_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES

### Column Descriptions

Name	Null?	Type	Description
CATEGORY_ID (PK)	NOT NULL	NUMBER(15)	Unique identification number for each asset category you defined
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Used by Application Object Library for flexfield definition
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this category is still valid

Column Descriptions (Continued)

Name	Null?	Type	Description
OWNED_LEASED	NOT NULL	VARCHAR2(6)	Indicates whether the assets in this category are owned or leased
PRODUCTION_CAPACITY	NULL	NUMBER	Production capacity for assets that use a units of production depreciation method
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CATEGORY_TYPE	NOT NULL	VARCHAR2(30)	Indicates the category type Oracle Assets uses to classify assets in this asset category
CAPITALIZE_FLAG	NOT NULL	VARCHAR2(3)	YES if assets in this category are capitalized assets
SEGMENT1	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT2	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT3	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT4	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT5	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT6	NULL	VARCHAR2(30)	Asset category key flexfield segment column
SEGMENT7	NULL	VARCHAR2(30)	Asset category key flexfield segment column
START_DATE_ACTIVE	NULL	DATE	Date that you can begin using this asset category
END_DATE_ACTIVE	NULL	DATE	Last date you can add assets to this asset category
PROPERTY_TYPE_CODE	NULL	VARCHAR2(10)	Indicates the property type you assigned to an asset category
PROPERTY_1245_1250_CODE	NULL	VARCHAR2(4)	Indicates whether assets in this category are 1245 property class or 1250 property class
DATE_INEFFECTIVE	NULL	DATE	Not currently used
INVENTORIAL	NULL	VARCHAR2(3)	Indicates whether the asset should be included in physical inventory
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY_CODE	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality

Indexes

Index Name	Index Type	Sequence	Column Name
FA_CATEGORIES_B_N1	NOT UNIQUE	1	SEGMENT1
FA_CATEGORIES_B_N2	NOT UNIQUE	1	SEGMENT2
FA_CATEGORIES_B_N3	NOT UNIQUE	1	SEGMENT3
FA_CATEGORIES_B_N4	NOT UNIQUE	1	SEGMENT4
FA_CATEGORIES_B_N5	NOT UNIQUE	1	SEGMENT5
FA_CATEGORIES_B_N6	NOT UNIQUE	1	SEGMENT6
FA_CATEGORIES_B_N7	NOT UNIQUE	1	SEGMENT7
FA_CATEGORIES_B_U1	UNIQUE	1	CATEGORY_ID

Sequences

Sequence	Derived Column
FA_CATEGORIES_B_S	CATEGORY_ID



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## FA\_MASS\_ADDITIONS

FA\_MASS\_ADDITIONS stores information about assets that you want to automatically add to Oracle Assets from another system. You can use this table to load assets for system conversions.

When you run the mass additions create process, Oracle Assets inserts one row into this table for each invoice line it selects from Oracle Payables.

When you run the mass additions post process, Oracle Assets creates assets or adjustments from any rows in which the POSTING\_STATUS is POST. Mass additions post inserts rows into FA\_ADDITIONS, FA\_ASSET\_HISTORY, FA\_ASSET\_INVOICES, FA\_BOOKS, FA\_DISTRIBUTION\_HISTORY, FA\_TRANSACTION\_HEADERS, FA\_INVOICE\_TRANSACTIONS, FA\_DEPRN\_SUMMARY, FA\_DEPRN\_DETAIL, and FA\_TRANSFER\_DETAILS. Oracle Assets then changes POSTING\_STATUS and QUEUE\_NAME to POSTED.

POSTING\_STATUS shows the status of a mass addition. POSTING\_STATUS and QUEUE\_NAME are the same, except when you assign user-defined queue names, or you split or merge a mass addition. The following table summarizes the relationship between POSTING\_STATUS and QUEUE\_NAME:

POSTING_STATUS	QUEUE_NAME	Description
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NEW	NEW	Status when mass addition is first created.
-----	-----	---

ON HOLD	ON HOLD and User-defined hold queues	Mass addition is waiting for additional information before posting.
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Posting Status after split	SPLIT	You divided a multi-unit mass addition into individual mass additions.
----------------------------	-------	--

Posting Status after merge	MERGED	You merged other mass additions into this one.
----------------------------	--------	--

POST	ADD TO ASSET	You are adding a mass addition to an existing asset as a cost adjustment and the mass addition is ready for posting.
------	--------------	--

POST	POST	Mass addition is ready for posting.
------	------	-------------------------------------

POSTED	POSTED	The Mass additions posting program created an asset from this mass addition.
--------	--------	--

DELETE	DELETE	You want to delete this mass addition.
--------	--------	--

The SPLIT\_MERGED\_CODE column tells you whether a mass addition was split or merged:

**MC** Merged child – You merged this mass addition into another one.

**MP** Merged parent – You merged other mass additions into this one.

**SC** Split child – Oracle Assets created this mass addition from a multi-unit mass addition.

**SP** Split parent – You split this multi-unit mass addition into single-unit mass additions.

**POST\_BATCH\_ID** identifies the post mass additions concurrent request that posted your assets to Oracle Assets.

**ADD\_TO\_ASSET\_ID** identifies the asset to which you are adding the cost of the mass addition in this row.

**PARENT\_ASSET\_ID** identifies the parent asset of a mass addition. The mass addition post process inserts this value into the **PARENT\_ASSET\_ID** column in the **FA\_ADDITIONS** table when you post the mass addition.

**PARENT\_MASS\_ADDITION\_ID** identifies the mass addition into which you merged this mass addition.

When you add the cost of a mass addition to an existing asset, **NEW\_MASTER\_FLAG** is set to YES by the Prepare Mass Additions form when the resulting asset has the asset category and description of the mass addition. This value is NO when the resulting asset has the asset category and description of the existing asset.

**ATTRIBUTE1** through **ATTRIBUTE30** descriptive flexfield segments are NOT the same as on **FA\_ADDITIONS**, since they are on a different table.

For more information on loading this table, read the Importing Asset Information into Oracle Assets Using Mass Additions essay in the Oracle Financials and Oracle Government Financials Implementation Manual.

When you add a mass addition to an existing asset, Oracle Assets does not allow you to enter a salvage value for the mass addition. If adding the mass addition changes the salvage value of the destination asset, you can adjust the salvage value of the destination asset in the Depreciation Books form.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_INVOICES_ALL	INVOICE_ID	INVOICE_ID

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### Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
AP_INVOICE_DISTRIBUTIONS_ALL	INVOICE_ID	INVOICE_ID
	DISTRIBUTION_LINE_NUMBER	AP_DISTRIBUTION_LINE_NUMBER
FA_ADDITIONS_B	ASSET_ID	ADD_TO_ASSET_ID
FA_ADDITIONS_B	ASSET_NUMBER	ASSET_NUMBER
FA_ADDITIONS_B	ASSET_ID	PARENT_ASSET_ID
FA_ASSET_KEYWORDS	CODE_COMBINATION_ID	ASSET_KEY_CCID
FA_BOOK_CONTROLS	BOOK_TYPE_CODE	BOOK_TYPE_CODE
FA_CATEGORIES_B	CATEGORY_ID	ASSET_CATEGORY_ID
FA_LOCATIONS	LOCATION_ID	LOCATION_ID
FA_MASS_ADDITIONS	MASS_ADDITION_ID	PARENT_MASS_ADDITION_ID
FND_CONCURRENT_REQUESTS	REQUEST_ID	CREATE_BATCH_ID
FND_CONCURRENT_REQUESTS	REQUEST_ID	POST_BATCH_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PAYABLES_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_CODE_COMBINATION_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECT_ASSET_LINES_ALL	PROJECT_ASSET_LINE_ID	PROJECT_ASSET_LINE_ID
PA_TASKS	TASK_ID	TASK_ID
PO_VENDORS	VENDOR_ID	PO_VENDOR_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AMORTIZE_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
ASSET_TYPE	ASSET TYPE	FA_LOOKUPS
	CAPITALIZED	CAPITALIZED
	CIP	CIP
	EXPENSED	EXPENSED
DEPRECIATE_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
NEW_MASTER_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES
QUEUE_NAME	QUEUE NAME	FA_LOOKUPS
	ADD TO ASSET	COST ADJUSTMENT
	DELETE	DELETE
	MERGED	MERGED
	NEW	NEW
	ON HOLD	ON HOLD
	POST	POST
	POSTED	POSTED
	SPLIT	SPLIT
SHORT_FISCAL_YEAR_FLAG	YESNO	FA_LOOKUPS
	NO	NO
	YES	YES

### Column Descriptions

Name	Null?	Type	Description
MASS_ADDITION_ID (PK)	NULL	NUMBER(15)	Unique identification number of the mass addition

Column Descriptions (Continued)

Name	Null?	Type	Description
ASSET_NUMBER	NULL	VARCHAR2(15)	Asset number entered by the user
TAG_NUMBER	NULL	VARCHAR2(15)	Tag number of the asset
DESCRIPTION	NULL	VARCHAR2(80)	Asset description
ASSET_CATEGORY_ID	NULL	NUMBER(15)	Identifies the asset category
MANUFACTURER_NAME	NULL	VARCHAR2(30)	Name of the manufacturer
SERIAL_NUMBER	NULL	VARCHAR2(35)	Serial number
MODEL_NUMBER	NULL	VARCHAR2(40)	Model number
BOOK_TYPE_CODE	NULL	VARCHAR2(15)	Book name
DATE_PLACED_IN_SERVICE	NULL	DATE	Date placed in service of the asset
FIXED_ASSETS_COST	NULL	NUMBER	Cost of the asset in Oracle Assets
PAYABLES_UNITS	NULL	NUMBER	Number of units from accounts payable
FIXED_ASSETS_UNITS	NULL	NUMBER	Number of units in Oracle Assets
PAYABLES_CODE_COMBINATION_ID	NULL	NUMBER(15)	Account debited in accounts payable
EXPENSE_CODE_COMBINATION_ID	NULL	NUMBER(15)	Identifies depreciation expense account
LOCATION_ID	NULL	NUMBER(15)	Identifies the location
ASSIGNED_TO	NULL	NUMBER(15)	Identifies the employee to whom the asset is assigned
FEEDER_SYSTEM_NAME	NULL	VARCHAR2(40)	Identifies the system from which the mass addition was created
CREATE_BATCH_DATE	NULL	DATE	System date of the mass additions create program
CREATE_BATCH_ID	NULL	NUMBER(15)	Concurrent request identification number of mass additions create program
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
REVIEWER_COMMENTS	NULL	VARCHAR2(60)	Comments. This information is for reviewing during the Mass Additions Process only. Mass Additions Post does not propagate it to other Oracle Assets tables
INVOICE_NUMBER	NULL	VARCHAR2(50)	Invoice number from accounts payable
VENDOR_NUMBER	NULL	VARCHAR2(30)	Supplier number entered by the user from purchasing through accounts payable
PO_VENDOR_ID	NULL	NUMBER(15)	Supplier identification number from purchasing through accounts payable
PO_NUMBER	NULL	VARCHAR2(20)	Purchase Order number entered by the user from purchasing through accounts payable
POSTING_STATUS	NULL	VARCHAR2(15)	Shows the status of the mass addition
QUEUE_NAME	NULL	VARCHAR2(15)	Mass addition queue name
INVOICE_DATE	NULL	DATE	Invoice date
INVOICE_CREATED_BY	NULL	NUMBER(15)	Userid of the person who created the invoice
INVOICE_UPDATED_BY	NULL	NUMBER(15)	Userid of the person who updated the invoice
PAYABLES_COST	NULL	NUMBER	Cost of the asset in accounts payable

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Column Descriptions (Continued)

Name	Null?	Type	Description
INVOICE_ID	NULL	NUMBER(15)	Invoice identification number in accounts payable
PAYABLES_BATCH_NAME	NULL	VARCHAR2(50)	Payables batch name of invoices
DEPRECIATE_FLAG	NULL	VARCHAR2(3)	Identifies whether the asset should be depreciated or not
PARENT_MASS_ADDITION_ID	NULL	NUMBER(15)	Identifies the mass addition into which you merged this mass addition
PARENT_ASSET_ID	NULL	NUMBER(15)	Identifies the parent asset of a mass addition
SPLIT_MERGED_CODE	NULL	VARCHAR2(3)	Identifies if a mass addition was split or merged
AP_DISTRIBUTION_LINE_NUMBER	NULL	NUMBER(15)	Distribution line number from accounts payable
POST_BATCH_ID	NULL	NUMBER(15)	Unique identification number for a mass additions post request
ADD_TO_ASSET_ID	NULL	NUMBER(15)	Identifies the asset to which to apply the mass addition as a cost adjustment
AMORTIZE_FLAG	NULL	VARCHAR2(3)	Identifies whether cost adjustment should be amortized or expensed
NEW_MASTER_FLAG	NULL	VARCHAR2(3)	Determines whether to reclassify the asset which is being adjusted
ASSET_KEY_CCID	NULL	NUMBER(15)	Unique identification number for the asset key flexfield
ASSET_TYPE	NULL	VARCHAR2(11)	Type of the asset
DEPRN_RESERVE	NULL	NUMBER	Depreciation reserve of the asset
YTD_DEPRN	NULL	NUMBER	Year-to-date depreciation expense of the asset
BEGINNING_NBV	NULL	NUMBER	Beginning net book value of the asset
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
SALVAGE_VALUE	NULL	NUMBER	Salvage value of the asset. Oracle Assets does not include the salvage value in the recoverable cost when you add a mass addition to an existing asset.
ACCOUNTING_DATE	NULL	DATE	Accounting date from AP_INVOICE_DISTRIBUTIONS
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY_CODE	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
FULLY_RSVD_REVALS_COUNTER	NULL	NUMBER	Number of times an asset has been revalued as fully reserved
MERGE_INVOICE_NUMBER	NULL	VARCHAR2(50)	Invoice number of a mass addition line merged parent
MERGE_VENDOR_NUMBER	NULL	VARCHAR2(30)	Supplier number of a mass addition line merged parent
PRODUCTION_CAPACITY	NULL	NUMBER	Capacity of a units of production asset
REVAL_AMORTIZATION_BASIS	NULL	NUMBER	Revaluation reserve used in calculating amortization of revaluation reserve. Updated only when the asset is revalued or has an amortized adjustment
REVAL_RESERVE	NULL	NUMBER	For a period in which this asset was revalued: change in net book value due to revaluation of asset cost and sometimes also revaluation of depreciation reserve. For all other periods: revaluation reserve amount after depreciation run
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure for a units of production asset
UNREVALUED_COST	NULL	NUMBER	Cost without regard to any revaluations
YTD_REVAL_DEPRN_EXPENSE	NULL	NUMBER	Year-to-date depreciation expense due to revaluation. Oracle Assets does not create any journal entries for this amount. It is for reporting only
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE21	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE22	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE23	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE24	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE25	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE26	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE27	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE28	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE29	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE30	NULL	VARCHAR2(150)	Descriptive flexfield segment
MERGED_CODE	NULL	VARCHAR2(3)	Indicates if the mass addition is a merged parent of a merged child
SPLIT_CODE	NULL	VARCHAR2(3)	Indicates if the mass addition is a split parent or a split child
MERGE_PARENT_MASS_ADDITIONS_ID	NULL	NUMBER(15)	Merged parent mass addition ID
SPLIT_PARENT_MASS_ADDITIONS_ID	NULL	NUMBER(15)	Split parent mass addition ID

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROJECT_ASSET_LINE_ID	NULL	NUMBER(15)	Identifier of the summarized asset cost line transferred from Oracle Projects to create this line
PROJECT_ID	NULL	NUMBER(15)	Identifier of the project from which the costs were collected, summarized, and transferred from Oracle Projects
TASK_ID	NULL	NUMBER(15)	Identifier of the task from which costs were collected, summarized, and transferred from Oracle Projects. This column is only populated if the costs were summarized by task
SUM_UNITS	NULL	VARCHAR2(3)	Indicates whether to sum the units of merged mass additions
DIST_NAME	NULL	VARCHAR2(25)	Name of the distribution set
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
CONTEXT	NULL	VARCHAR2(210)	Structure defining column for descriptive flexfield

## Column Descriptions (Continued)

Name	Null?	Type	Description
INVENTORIAL	NULL	VARCHAR2(3)	Indicates whether the asset should be included in physical inventory
SHORT_FISCAL_YEAR_FLAG	NULL	VARCHAR2(3)	Indicated if asset is added in a short fiscal year
CONVERSION_DATE	NULL	DATE	Date short fiscal year asset added to the acquiring company
ORIGINAL_DEPRN_START_DATE	NULL	DATE	Date short fiscal year asset began depreciating in the acquired company's books
GROUP_ASSET_ID	NULL	NUMBER(15)	Reserved for system use. Do not use.
CUA_PARENT_HIERARCHY_ID	NULL	NUMBER	Reserved for system use. Do not use.
UNITS_TO_ADJUST	NULL	NUMBER(15)	Reserved for system use. Do not use.

## Indexes

Index Name	Index Type	Sequence	Column Name
FA_MASS_ADDITIONS_N1	NOT UNIQUE	1	ASSET_KEY_CCID
FA_MASS_ADDITIONS_N10	NOT UNIQUE	2	INVOICE_NUMBER
		4	BOOK_TYPE_CODE
FA_MASS_ADDITIONS_N11	NOT UNIQUE	2	MERGE_PARENT_MASS_ADDITIONS_ID
FA_MASS_ADDITIONS_N12	NOT UNIQUE	2	SPLIT_PARENT_MASS_ADDITIONS_ID
FA_MASS_ADDITIONS_N13	NOT UNIQUE	2	ADD_TO_ASSET_ID
FA_MASS_ADDITIONS_N14	NOT UNIQUE	2	TAG_NUMBER
FA_MASS_ADDITIONS_N2	NOT UNIQUE	1	ASSET_NUMBER
		2	BOOK_TYPE_CODE
FA_MASS_ADDITIONS_N3	NOT UNIQUE	2	PARENT_MASS_ADDITION_ID
FA_MASS_ADDITIONS_N4	NOT UNIQUE	1	INVOICE_NUMBER
		2	VENDOR_NUMBER
FA_MASS_ADDITIONS_N5	NOT UNIQUE	1	POSTING_STATUS
FA_MASS_ADDITIONS_N6	NOT UNIQUE	1	PO_NUMBER
FA_MASS_ADDITIONS_N7	NOT UNIQUE	1	PO_VENDOR_ID
FA_MASS_ADDITIONS_N8	NOT UNIQUE	1	INVOICE_ID
		2	AP_DISTRIBUTION_LINE_NUMBER
FA_MASS_ADDITIONS_N9	NOT UNIQUE	1	MERGE_INVOICE_NUMBER
		2	MERGE_VENDOR_NUMBER
FA_MASS_ADDITIONS_U1	UNIQUE	1	MASS_ADDITION_ID

## Sequences

Sequence	Derived Column
FA_MASS_ADDITIONS_S	MASS_ADDITION_ID

## Database Triggers

Trigger Name : FA\_MASS\_ADDITIONS\_INSERT\_DIST  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE, DELETE

This trigger inserts rows into FA\_MASSADD\_DISTRIBUTIONS for every new mass addition that is not split and is not assigned to a predefined distribution set.



Trigger Name : FA\_MASS\_ADDITIONS\_DELETE\_DIST  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : DELETE

This trigger deletes rows from FA\_MASSADD\_DISTRIBUTIONS when the associated mass addition is deleted from FA\_MASS\_ADDITIONS.

Trigger Name : FA\_MASS\_ADDITIONS\_INSERT\_NAME  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger inserts rows into FA\_MASSADD\_DISTRIBUTIONS when a mass addition is assigned to a predefined distribution set.

Trigger Name : FA\_MASS\_ADDITIONS\_UPDATE\_DIST  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger updates the corresponding rows in FA\_MASSADD\_DISTRIBUTIONS when one of the following columns is updated in EXPENSE\_CODE\_COMBINATION\_ID, LOCATION\_ID, ASSIGNED\_TO, and MASS\_ADDITION\_ID.

Trigger Name : FA\_MC\_MASS\_ADDITIONS\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger exists only when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table FA\_MASS\_ADDITIONS. For each record being inserted, updated, or deleted from FA\_MASS\_ADDITIONS, this trigger inserts, updates, or deletes the corresponding reporting currency records in the MRC sub-table, FA\_MC\_MASS\_ADDITIONS.

## FND\_CURRENCIES

FND\_CURRENCIES stores information about currencies. Each row includes the currency code (CURRENCY\_CODE) established by ISO (International Standards Organization) standard, the name of the currency (NAME), a flag to indicate whether the currency is enabled for use at your site (ENABLED\_FLAG), a flag to indicate if this is a currency or a statistical unit (CURRENCY\_FLAG), and the territory code of the issuing country (ISSUING\_TERRITORY\_CODE). Each row also includes the number of digits to the right of the decimal point (PRECISION), the extended precision (EXTENDED\_PRECISION), the symbol denoting the currency, a description of the currency, and descriptive flexfield attribute columns. There is also information on when the currency becomes active and inactive, and the minimum accountable unit for the currency. You need one row for each currency defined with Oracle Application Object Library. Oracle Application Object Library uses this information to display dynamic currency values. You can also use this information to assign a currency to a set of books.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_TERRITORIES	TERRITORY_CODE	ISSUING_TERRITORY_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CURRENCY_FLAG	YES_NO N Y	FND_LOOKUPS No Yes
ENABLED_FLAG	YES_NO_NEVER N Y	FND_LOOKUPS No Yes

### Column Descriptions

Name	Null?	Type	Description
CURRENCY_CODE (PK)	NOT NULL	VARCHAR2(15)	Currency 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
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Enabled flag
CURRENCY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the currency is a statistical unit or a currency
DESCRIPTION	NULL	VARCHAR2(240)	Description
ISSUING_TERRITORY_CODE	NULL	VARCHAR2(2)	The territory code of the country issuing the currency
PRECISION	NULL	NUMBER(1)	Maximum number of digits to the right of decimal point

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXTENDED_PRECISION	NULL	NUMBER(2)	Extended precision
SYMBOL	NULL	VARCHAR2(4)	The symbol denoting the currency
START_DATE_ACTIVE	NULL	DATE	The date when the currency code becomes active
END_DATE_ACTIVE	NULL	DATE	The date the currency code expires
MINIMUM_ACCOUNTABLE_UNIT	NULL	NUMBER	Minimum accountable unit for the currency
CONTEXT	NULL	VARCHAR2(80)	Attribute category for the currency
ISO_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether or not the currency is defined in ISO-4217
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
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
DERIVE_EFFECTIVE	NULL	DATE	The date from which this currency's value becomes derived from the related currency. If this value is null or later than the computation date, then the other derive_ columns are undefined.
DERIVE_TYPE	NULL	VARCHAR2(8)	Indicates whether the currency has a special relationship with other currencies. Currently, only EURO (Euro currency), EMU (European Monetary Union currency), and NULL (no special relationship) are possible values.
DERIVE_FACTOR	NULL	NUMBER	Multiple applied to the base currency to derive this currency. Only used for the derived currency in a relationship.

Indexes

Index Name	Index Type	Sequence	Column Name
FND_CURRENCIES_N1	NOT UNIQUE	2	DERIVE_TYPE
FND_CURRENCIES_U1	UNIQUE	1	CURRENCY_CODE

# FND\_DUAL

FND\_DUAL stores a dummy constant value. You always need at least one row in this table. Oracle Application Object Library provides this table as a base table for forms that only submit concurrent requests (such as reporting forms) and therefore need to perform a commit cycle without updating an application database table. Such forms generally insert a record into this table (usually the value 1). You should delete rows from this table occasionally, but you should always leave at least one row in this table (for a form that may update a record instead of inserting one).

Column Descriptions

Name	Null?	Type	Description
DUMMY	NULL	NUMBER(2)	Dummy column

## GL\_AUTO\_ALLOC\_BATCHES

GL\_AUTO\_ALLOC\_BATCHES stores one row for each batch included in the allocation set. Each row includes step\_number, batch\_id, batch\_name, batch\_type, owner, and allocation method. For a step-down allocation set, the STEP NUMBER specifies the sequence in which the batch should be generated and posted. BATCH\_TYPE\_CODE is either 'A', 'B', 'E', 'R' or 'P' for MassAllocation, MassBudgets, Encumbrances, Recurring, or Projects batches respectively.

ALLOCATION\_METHOD\_CODE is 'I' for incremental allocation or 'F' for full allocation method. Owner represents the role name, defined in WF\_ROLES table, who will receive the notification when any error occurs in step-down allocation run.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_AUTO_ALLOC_SETS	ALLOCATION_SET_ID	ALLOCATION_SET_ID
PA_ALLOC_RULES_ALL	RULE_ID	BATCH_ID

### Column Descriptions

Name	Null?	Type	Description
ALLOCATION_SET_ID (PK)	NOT NULL	NUMBER(15)	Allocation set defining column
BATCH_ID (PK)	NOT NULL	NUMBER(15)	Defining column for Massallocation batch, Recurring Journal Batch, or Project batch.
BATCH_TYPE_CODE (PK)	NOT NULL	VARCHAR2(1)	Batch type (MassAllocations, MassBudgets, MassEncumbrances, Recurring Journals, or Project)
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
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
STEP_NUMBER		NUMBER(15)	Sequence in which batch is to be generated by step-down set.
OWNER	NULL	VARCHAR2(100)	The owner/role specified for a Allocation batch who will receive a notification when any error occurs in Step-down allocations set
ALLOCATION_METHOD_CODE	NULL	VARCHAR2(1)	Allocation method used for batch generation.
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context

Indexes

Index Name	Index Type	Sequence	Column Name
GL_AUTO_ALLOC_BATCHES_U1	UNIQUE	1	ALLOCATION_SET_ID
		2	BATCH_ID
		3	BATCH_TYPE_CODE

## GL\_AUTO\_ALLOC\_BATCH\_HISTORY

GL\_AUTO\_ALLOC\_BATCH\_HISTORY stores, for every run of an allocation set, one row for each batch in the allocation set. Each row includes a unique auto\_alloc\_batch\_id, as well as a batch\_name, a batch\_type, owner, and allocation method. This table is required as batches included in the allocation set can be modified after the request submission and before the request is executed.

For step-down allocation set, the STEP NUMBER specifies the sequence in which batch should be generated and posted. BATCH\_TYPE\_CODE is either 'A', 'B', 'E', 'R' or 'P' for MassAllocation, MassBudgets, Encumbrances, Recurring, or Projects batch respectively.

ALLOCATION\_METHOD\_CODE is 'I' for incremental allocation or 'F' for full allocation method. Owner represents the role name, defined in WF\_ROLES table, who will receive the notification, for this particular batch, when any error occurs in step-down allocation run.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CONCURRENT_REQUESTS	REQUEST_ID	REQUEST_ID
GL_JE_BATCHES	JE_BATCH_ID	GENERATED_JE_BATCH_ID
PA_ALLOC_RUNS_ALL	RUN_ID	PA_ALLOCATION_RUN_ID

### Column Descriptions

Name	Null?	Type	Description
REQUEST_ID (PK)	NOT NULL	NUMBER	Auto allocation concurrent request id
BATCH_ID (PK)	NOT NULL	NUMBER(15)	Defining column for Massallocation batch, Recurring Journal batch, MassBudget batch, or Project batch.
BATCH_TYPE_CODE (PK)	NOT NULL	VARCHAR2(1)	Batch Type (Massallocations, MassBudgets, MassEncumbrances, Recurring Journals, or Project Allocations)
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
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
STEP_NUMBER	NULL	NUMBER	Sequence in which batch is to be generated for step-down set.
OWNER	NULL	VARCHAR2(100)	The owner/role specified for a Allocation batch who will receive notifications when any error occurs in Allocations
ALLOCATION_METHOD_CODE	NULL	VARCHAR2(1)	Allocation method used for batch generation.
GENERATED_JE_BATCH_ID	NULL	NUMBER(15)	Defining column for generated journal batch

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
PA_ALLOCATION_RUN_ID	NULL	NUMBER(15)	Defining column for generated project rule id
STATUS_CODE	NULL	VARCHAR2(150)	Run status of each step in allocation set
COMPLETE_FLAG	NULL	VARCHAR2(1)	Flag to indicate that step is generated and posted
ALL_HEADERS_REVERSED	NULL	VARCHAR2(1)	Flag to indicate that all headers for the generated batch are reversed during rollback

*Indexes*

Index Name	Index Type	Sequence	Column Name
GL_AUTO_ALLOC_BATCH_HISTORY_U1	UNIQUE	1	REQUEST_ID
		2	BATCH_ID
		3	BATCH_TYPE_CODE
GL_AUTO_ALLOC_BATCH_HISTORY_U2	UNIQUE	1	REQUEST_ID
		2	STEP_NUMBER

## GL\_AUTO\_ALLOC\_SETS

GL\_AUTO\_ALLOC\_SETS stores information about AutoAllocation sets. Each row includes the Allocation Sets unique id, name, type, owner, and description. ALLOCATION\_SET\_TYPE\_CODE values are 'S' for a step down allocation set or 'P' for a parallel allocation set.

ALLOCATION\_CODE is 'GL' if the allocation set is created by a GL responsibility or 'PA' for a project responsibility. OWNER is null for a parallel allocation set and not null for a step-down allocation set.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID

### Column Descriptions

Name	Null?	Type	Description
ALLOCATION_SET_ID (PK)	NOT NULL	NUMBER(15)	Allocation set defining column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting sets of books defining column
ALLOCATION_SET_TYPE_CODE	NOT NULL	VARCHAR2(1)	Allocation set type
ALLOCATION_SET_NAME	NOT NULL	VARCHAR2(40)	Allocation set name
ALLOCATION_CODE	NOT NULL	VARCHAR2(2)	Responsibility used to create this record (GL for General Ledger and PA for Projects)
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
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
ORG_ID	NULL	NUMBER(15)	Organization Id for multi org installation. Used only for project autoallocation sets.
DESCRIPTION	NULL	VARCHAR2(240)	Allocation set description
OWNER	NULL	VARCHAR2(100)	Default contact specified for an Allocation set who will receive notifications when any error occurs in a Step-down allocation set run
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
GL_AUTO_ALLOC_SETS_N1	NOT UNIQUE	5	ALLOCATION_SET_NAME
GL_AUTO_ALLOC_SETS_U1	UNIQUE	5	ALLOCATION_SET_ID

## GL\_AUTO\_ALLOC\_SET\_HISTORY

GL\_AUTO\_ALLOC\_SET\_HISTORY stores one row for each run of an Allocation set. Each row represents the allocation set definition at the time of the submission of the request. This table needs to store run time submission parameters for each allocation set run as well as allocation set definition, as the set can be modified after the request submission and before the request is executed. Use the information in this table to determine what submission parameter, like accounting periods, budget, effective date, etc. is used for each allocation set run.

ALLOCATION\_SET\_TYPE\_CODE values is 'S' for step down allocation set or 'P' for parallel allocation set. ALLOCATION\_CODE is 'GL' if allocation set is created by GL responsibility or 'PA' for project responsibility.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CONCURRENT_REQUESTS	REQUEST_ID	REQUEST_ID
GL_AUTO_ALLOC_SETS	ALLOCATION_SET_ID	ALLOCATION_SET_ID
GL_BUDGET_VERSIONS	BUDGET_VERSION_ID	BUDGET_VERSION_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID

### Column Descriptions

Name	Null?	Type	Description
REQUEST_ID (PK)	NOT NULL	NUMBER(15)	Auto Allocation concurrent request id
ALLOCATION_SET_ID	NOT NULL	NUMBER(15)	Allocation set defining column
ALLOCATION_CODE	NOT NULL	VARCHAR2(2)	Responsibility used to create this record (GL for General Ledger and PA for Projects)
ALLOCATION_SET_TYPE_CODE	NOT NULL	VARCHAR2(1)	Set type ( Step-Down or Parallel)
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting books defining column
ALLOCATION_SET_NAME	NOT NULL	VARCHAR2(40)	Allocation set name
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
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
ORG_ID	NULL	NUMBER(15)	Organization Id for multi org installation. Used only for project allocation sets.
DESCRIPTION	NULL	VARCHAR2(240)	Allocation set description
OWNER	NULL	VARCHAR2(100)	The owner/role specified for a Allocation set who will receive notifications when any error occurs in Allocations
PERIOD_NAME	NULL	VARCHAR2(15)	Accounting period for creating journals
BUDGET_VERSION_ID	NULL	VARCHAR2(15)	Defining column for budget to be used for recurring batch.

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Column Descriptions (Continued)

Name	Null?	Type	Description
JOURNAL_EFFECTIVE_DATE	NULL	DATE	Journal effective date for creating journals
CALCULATION_EFFECTIVE_DATE	NULL	DATE	Calculation effective date for retrieving average balances.
USAGE_CODE	NULL	VARCHAR2(1)	Code to determine whether to generate a standard or Average journal batch
GL_PERIOD_NAME	NULL	VARCHAR2(15)	Accounting period for GL batch
PA_PERIOD_NAME	NULL	VARCHAR2(15)	Accounting period for project batch
EXPENDITURE_ITEM_DATE	NULL	DATE	Expenditure item date for project
MONITOR_URL	NULL	VARCHAR2(1000)	URL address of work flow monitor

Indexes

Index Name	Index Type	Sequence	Column Name
GL_AUTO_ALLOC_SET_HISTORY_N1	NOT UNIQUE	5	ALLOCATION_SET_ID
GL_AUTO_ALLOC_SET_HISTORY_N2	NOT UNIQUE	1	ALLOCATION_SET_NAME
		3	ALLOCATION_CODE
GL_AUTO_ALLOC_SET_HISTORY_U1	UNIQUE	5	REQUEST_ID

# GL\_CODE\_COMBINATIONS

GL\_CODE\_COMBINATIONS stores valid account combinations for each Accounting Flexfield structure within your Oracle General Ledger application. Associated with each account are certain codes and flags, including whether the account is enabled, whether detail posting or detail budgeting is allowed, and others.

Segment values are stored in the SEGMENT columns. Note that each Accounting Flexfield structure may use different SEGMENT columns within the table to store the flexfield value combination. Moreover, the SEGMENT columns that are used are not guaranteed to be in any order.

The Oracle Application Object Library table FND\_ID\_FLEX\_SEGMENTS stores information about which column in this table is used for each segment of each Accounting Flexfield structure. Summary accounts have SUMMARY\_FLAG = 'Y' and TEMPLATE\_ID not NULL. Detail accounts have SUMMARY\_FLAG = 'N' and TEMPLATE\_ID NULL.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_ID_FLEX_STRUCTURES	ID_FLEX_NUM	CHART_OF_ACCOUNTS_ID
GL_SUMMARY_TEMPLATES	TEMPLATE_ID	TEMPLATE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCOUNT_TYPE	ACCOUNT TYPE	GL_LOOKUPS
	A	A
	E	E
	L	L
	O	O
DETAIL_BUDGETING_ALLOWED_FLAG	R	R
	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
DETAIL_POSTING_ALLOWED_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
ENABLED_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
PRESERVE_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
REFRESH_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

QuickCodes Columns (Continued)

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

Column Descriptions

Name	Null?	Type	Description
CODE_COMBINATION_ID (PK)	NOT NULL	NUMBER(15)	Key flexfield combination defining column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CHART_OF_ACCOUNTS_ID	NOT NULL	NUMBER(15)	Key flexfield structure defining column
DETAIL_POSTING_ALLOWED_FLAG	NOT NULL	VARCHAR2(1)	Detail posting flag
DETAIL_BUDGETING_ALLOWED_FLAG	NOT NULL	VARCHAR2(1)	Detail budgeting flag
ACCOUNT_TYPE	NOT NULL	VARCHAR2(1)	Key flexfield combination type (Asset, Liability, etc)
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield enabled flag
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Summary account flag
SEGMENT1	N	VARCHAR2(25)	Key flexfield segment
SEGMENT2	N	VARCHAR2(25)	Key flexfield segment
SEGMENT3	N	VARCHAR2(25)	Key flexfield segment
SEGMENT4	N	VARCHAR2(25)	Key flexfield segment
SEGMENT5	N	VARCHAR2(25)	Key flexfield segment
SEGMENT6	N	VARCHAR2(25)	Key flexfield segment
SEGMENT7	N	VARCHAR2(25)	Key flexfield segment
SEGMENT8	N	VARCHAR2(25)	Key flexfield segment
SEGMENT9	N	VARCHAR2(25)	Key flexfield segment
SEGMENT10	N	VARCHAR2(25)	Key flexfield segment
SEGMENT11	N	VARCHAR2(25)	Key flexfield segment
SEGMENT12	N	VARCHAR2(25)	Key flexfield segment
SEGMENT13	N	VARCHAR2(25)	Key flexfield segment
SEGMENT14	N	VARCHAR2(25)	Key flexfield segment
SEGMENT15	N	VARCHAR2(25)	Key flexfield segment
SEGMENT16	N	VARCHAR2(25)	Key flexfield segment
SEGMENT17	N	VARCHAR2(25)	Key flexfield segment
SEGMENT18	N	VARCHAR2(25)	Key flexfield segment
SEGMENT19	N	VARCHAR2(25)	Key flexfield segment
SEGMENT20	N	VARCHAR2(25)	Key flexfield segment
SEGMENT21	N	VARCHAR2(25)	Key flexfield segment
SEGMENT22	N	VARCHAR2(25)	Key flexfield segment
SEGMENT23	N	VARCHAR2(25)	Key flexfield segment
SEGMENT24	N	VARCHAR2(25)	Key flexfield segment
SEGMENT25	N	VARCHAR2(25)	Key flexfield segment
SEGMENT26	N	VARCHAR2(25)	Key flexfield segment
SEGMENT27	N	VARCHAR2(25)	Key flexfield segment
SEGMENT28	N	VARCHAR2(25)	Key flexfield segment
SEGMENT29	N	VARCHAR2(25)	Key flexfield segment
SEGMENT30	N	VARCHAR2(25)	Key flexfield segment
DESCRIPTION	N	VARCHAR2(240)	Key flexfield description
TEMPLATE_ID	N	NUMBER(15)	Summary template defining column
ALLOCATION_CREATE_FLAG	N	VARCHAR2(1)	Not currently used
START_DATE_ACTIVE	N	DATE	Date before which key flexfield combination is invalid

Column Descriptions (Continued)

Name	Null?	Type	Description
END_DATE_ACTIVE	NULL	DATE	Date after which key flexfield combination is invalid
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flex context column
SEGMENT_ATTRIBUTE1	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE2	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE3	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE4	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE5	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE6	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE7	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE8	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE9	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE10	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE11	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE12	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE13	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE14	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE15	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE16	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE17	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE18	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE19	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE20	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE21	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE22	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE23	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT_ATTRIBUTE24	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE25	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE26	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE27	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE28	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE29	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE30	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE31	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE32	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE33	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE34	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE35	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE36	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE37	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE38	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE39	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE40	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE41	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE42	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
REFERENCE1	NULL	VARCHAR2(1)	Reserved for localization use
REFERENCE2	NULL	VARCHAR2(1)	Reserved for localization use
REFERENCE3	NULL	VARCHAR2(1)	Reserved for localization use
REFERENCE4	NULL	VARCHAR2(1)	Reserved for localization use
REFERENCE5	NULL	VARCHAR2(1)	Reserved for localization use
JGZZ_RECON_FLAG	NULL	VARCHAR2(1)	Global reconciliation descriptive flexfield segment
JGZZ_RECON_CONTEXT	NULL	VARCHAR2(30)	Global reconciliation descriptive flexfield context column
PRESERVE_FLAG	NULL	VARCHAR2(1)	Preserve segment value attributes flag
REFRESH_FLAG	NULL	VARCHAR2(1)	Refresh segment value attributes flag

Indexes

Index Name	Index Type	Sequence	Column Name
GL_CODE_COMBINATIONS_N31	NOT UNIQUE	1	TEMPLATE_ID
GL_CODE_COMBINATIONS_U1	UNIQUE	1	CODE_COMBINATION_ID

Sequences

Sequence	Derived Column
GL_CODE_COMBINATIONS_S	CODE_COMBINATION_ID

# GL\_DAILY\_CONVERSION\_TYPES

GL\_DAILY\_CONVERSION\_TYPES stores daily conversion rate types and their descriptions. This table corresponds to the Conversion Rate Types form. This table has no foreign keys other than the standard Who columns.

Column Descriptions

Name	Null?	Type	Description
CONVERSION_TYPE (PK)	NOT NULL	VARCHAR2(30)	Conversion type name
USER_CONVERSION_TYPE	NOT NULL	VARCHAR2(30)	Conversion type user defined name
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	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Conversion type description
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context

Indexes

Index Name	Index Type	Sequence	Column Name
GL_DAILY_CONVERSION_TYPES_U1	UNIQUE	1	CONVERSION_TYPE
GL_DAILY_CONVERSION_TYPES_U2	UNIQUE	1	USER_CONVERSION_TYPE

Sequences

Sequence	Derived Column
GL_DAILY_CONVERSION_TYPES_S	CONVERSION_TYPE

## GL\_INTERFACE

GL\_INTERFACE is the table you use to import journal entry batches through Journal Import. You insert rows in this table and then use the Import Journals form to create journal batches. You must supply values for all NOT NULL columns. For a complete description of how to load this table, see the Oracle General Ledger User Guide.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CONCURRENT_REQUESTS	REQUEST_ID	REQUEST_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	FUNCTIONAL_CURRENCY_CODE
FND_FLEX_VALUES	FLEX_VALUE	ORIGINATING_BAL_SEG_VALUE
GL_BUDGET_VERSIONS	BUDGET_VERSION_ID	BUDGET_VERSION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	USER_CONVERSION_TYPE	USER_CURRENCY_CONVERSION_TYPE
GL_ENCUMBRANCE_TYPES	ENCUMBRANCE_TYPE_ID	ENCUMBRANCE_TYPE_ID
GL_JE_BATCHES	JE_BATCH_ID	JE_BATCH_ID
GL_JE_CATEGORIES_TL	USER_JE_CATEGORY_NAME	USER_JE_CATEGORY_NAME
GL_JE_HEADERS	JE_HEADER_ID	JE_HEADER_ID
GL_JE_LINES	JE_HEADER_ID	JE_HEADER_ID
	JE_LINE_NUM	JE_LINE_NUM
GL_JE_SOURCES_TL	USER_JE_SOURCE_NAME	USER_JE_SOURCE_NAME
GL_PERIODS	PERIOD_NAME	PERIOD_NAME
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTUAL_FLAG	BATCH_TYPE	GL_LOOKUPS
	A	A
	B	B
AVERAGE_JOURNAL_FLAG	E	E
	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
STATUS	NOT NULL	VARCHAR2(50)	Journal Import status
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting books defining column
ACCOUNTING_DATE	NOT NULL	DATE	Effective date of the transaction
CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency
DATE_CREATED	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
ACTUAL_FLAG	NOT NULL	VARCHAR2(1)	Balance type (actual, budget, or encumbrance)
USER_JE_CATEGORY_NAME	NOT NULL	VARCHAR2(25)	Journal entry category user defined name

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Column Descriptions (Continued)

Name	Null?	Type	Description
USER_JE_SOURCE_NAME	NOT NULL	VARCHAR2(25)	Journal entry source user defined name
CURRENCY_CONVERSION_DATE	NULL	DATE	Date of exchange rate
ENCUMBRANCE_TYPE_ID	NULL	NUMBER	Encumbrance type defining column
BUDGET_VERSION_ID	NULL	NUMBER	Budget version defining column
USER_CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Type of exchange rate
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Foreign currency exchange rate
AVERAGE_JOURNAL_FLAG	NULL	VARCHAR2(1)	Average journal flag
ORIGINATING_BAL_SEG_VALUE	NULL	VARCHAR2(25)	Originating balancing segment value
SEGMENT1	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT21	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT22	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT23	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT24	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT25	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT26	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT27	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT28	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT29	NULL	VARCHAR2(25)	Key flexfield segment
SEGMENT30	NULL	VARCHAR2(25)	Key flexfield segment
ENTERED_DR	NULL	NUMBER	Transaction debit amount, entered currency
ENTERED_CR	NULL	NUMBER	Transaction credit amount, entered currency
ACCOUNTED_DR	NULL	NUMBER	Transaction debit amount, base currency
ACCOUNTED_CR	NULL	NUMBER	Transaction credit amount, base currency
TRANSACTION_DATE	NULL	DATE	Date of transaction
REFERENCE1	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE2	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE3	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE4	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE5	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE6	NULL	VARCHAR2(100)	Journal Import reference column

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Column Descriptions (Continued)

Name	Null?	Type	Description
REFERENCE7	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE8	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE9	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE10	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE11	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE12	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE13	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE14	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE15	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE16	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE17	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE18	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE19	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE20	NULL	VARCHAR2(100)	Journal Import reference column
REFERENCE21	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE22	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE23	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE24	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE25	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE26	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE27	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE28	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE29	NULL	VARCHAR2(240)	Journal Import reference column
REFERENCE30	NULL	VARCHAR2(240)	Journal Import reference column
JE_BATCH_ID	NULL	NUMBER(15)	Journal entry batch defining column
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Accounting period
JE_HEADER_ID	NULL	NUMBER(15)	Journal entry header defining column
JE_LINE_NUM	NULL	NUMBER(15)	Journal entry line number
CHART_OF_ACCOUNTS_ID	NULL	NUMBER(15)	Key flexfield structure defining column
FUNCTIONAL_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Accounting books base currency
CODE_COMBINATION_ID	NULL	NUMBER(15)	Key flexfield combination defining column
DATE_CREATED_IN_GL	NULL	DATE	Date Journal Import created batch
WARNING_CODE	NULL	VARCHAR2(4)	Not currently used
STATUS_DESCRIPTION	NULL	VARCHAR2(240)	Journal import status description
STAT_AMOUNT	NULL	NUMBER	Statistical amount
GROUP_ID	NULL	NUMBER(15)	Interface group defining column
REQUEST_ID	NULL	NUMBER(15)	Concurrent program request id
SUBLEDGER_DOC_SEQUENCE_ID	NULL	NUMBER	Sequential numbering sequence defining column
SUBLEDGER_DOC_SEQUENCE_VALUE	NULL	NUMBER	Sequential numbering sequence value
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column
CONTEXT2	NULL	VARCHAR2(150)	Descriptive flexfield context column
INVOICE_DATE	NULL	DATE	Value added tax descriptive flexfield column
TAX_CODE	NULL	VARCHAR2(15)	Value added tax descriptive flexfield column
INVOICE_IDENTIFIER	NULL	VARCHAR2(20)	Value added tax descriptive flexfield column
INVOICE_AMOUNT	NULL	NUMBER	Value added tax descriptive flexfield column
CONTEXT3	NULL	VARCHAR2(150)	Descriptive flexfield context column
USSGL_TRANSACTION_CODE	NOT NULL	VARCHAR2(30)	Government transaction code
DESCR_FLEX_ERROR_MESSAGE	NULL	VARCHAR2(240)	Descriptive flexfield error message
JGZZ_RECON_REF	NULL	VARCHAR2(240)	Global reconciliation reference
GL_SL_LINK_ID	NULL	NUMBER	Link to associated subledger data
GL_SL_LINK_TABLE	NULL	VARCHAR2(30)	Table containing associated subledger data

Indexes

Index Name	Index Type	Sequence	Column Name
GL_INTERFACE_N1	NOT UNIQUE	1	USER_JE_SOURCE_NAME
		2	SET_OF_BOOKS_ID
		3	GROUP_ID
GL_INTERFACE_N2	NOT UNIQUE	1	REQUEST_ID
		2	JE_HEADER_ID
		3	STATUS
		4	CODE_COMBINATION_ID
GL_INTERFACE_N3	NOT UNIQUE	1	SUBLEDGER_DOC_SEQUENCE_VALUE
		2	SUBLEDGER_DOC_SEQUENCE_ID
GL_INTERFACE_N4	NOT UNIQUE	1	REFERENCE26
		2	REFERENCE22
		3	REFERENCE23

# GL\_INTERFACE\_CONTROL

GL\_INTERFACE\_CONTROL is used to control Journal Import execution. Whenever you start Journal Import from the Import Journals form, a row is inserted into this table for each source and group id that you specified. When Journal Import completes, it deletes these rows from the table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_JE_SOURCES_TL	JE_SOURCE_NAME	JE_SOURCE_NAME
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID

Column Descriptions

Name	Null?	Type	Description
JE_SOURCE_NAME	NOT NULL	VARCHAR2(25)	Journal entry source
STATUS	NOT NULL	VARCHAR2(1)	Journal Import status
INTERFACE_RUN_ID	NULL	NUMBER(15)	Journal Import process defining column
GROUP_ID	NULL	NUMBER(15)	Interface group defining column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting books defining column
PACKET_ID	NULL	NUMBER(15)	Budgetary control packet defining column

Indexes

Index Name	Index Type	Sequence	Column Name
GL_INTERFACE_CONTROL_N1	NOT UNIQUE	1	JE_SOURCE_NAME
		2	SET_OF_BOOKS_ID
		3	INTERFACE_RUN_ID

Sequences

Sequence	Derived Column
GL_JOURNAL_IMPORT_S	INTERFACE_RUN_ID
GL_INTERFACE_CONTROL_S	GROUP_ID



## GL\_JE\_BATCHES

GL\_JE\_BATCHES stores journal entry batches. Each row includes the batch name, description, status, running total debits and credits, and other information. This table corresponds to the Batch window of the Enter Journals form. STATUS is 'U' for unposted, 'P' for posted, 'S' for selected, 'I' for in the process of being posted. Other values of status indicate an error condition. STATUS\_VERIFIED is 'N' when you create or modify an unposted journal entry batch. The posting program changes STATUS\_VERIFIED to 'I' when posting is in process and 'Y' after posting is complete.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CONCURRENT_REQUESTS	REQUEST_ID	REQUEST_ID
GL_JE_BATCHES	JE_BATCH_ID	PARENT_JE_BATCH_ID
GL_PERIODS	PERIOD_NAME	DEFAULT_PERIOD_NAME
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTUAL_FLAG	BATCH_TYPE	GL_LOOKUPS
	A	A
	B	B
	E	E
APPROVAL_STATUS_CODE	JE_BATCH_APPROVAL_STATUS	GL_LOOKUPS
	A	Approved
	I	In Process
	J	Rejected
	R	Required
	V	Validation Failed
	Z	N/A
AVERAGE_JOURNAL_FLAG	AB_JOURNAL_TYPE	GL_LOOKUPS
	N	No
	Y	Yes
BUDGETARY_CONTROL_STATUS	JE_BATCH_BC_STATUS	GL_LOOKUPS
	F	Failed
	I	In Process
	N	N/A
	P	Passed
	R	Required
STATUS	BATCH_STATUS	GL_LOOKUPS
	-	Bad rounding account
	-*	Bad rounding account - past
	<	Reserved for country - specific functionality
	<*	Reserved for country - specific functionality
	>	Reserved for country - specific functionality
	>*	Reserved for country - specific functionality

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	A	Funds reservation fails
	A*	Funds reservation fails - past
	AU	Unopened period
	B	Batch total violation
	B*	Batch total violation - past
	BF	Frozen or inactive budget
	BU	Unopened budget year
	C	Unopened reporting period
	C*	Unopened reporting period - past
	D	Post to not open period
	D*	Post to not open period - past
	E	No journal entries
	E*	No journal entries - past
	EU	Unopened encumbrance year
	F	Unopened reporting encumbrance year
	F*	Unopened reporting encumbrance year - past
	G	Bad suspense account
	G*	Bad suspense account - past
	H	Bad reserve account
	H*	Bad reserve account - past
	I	Underway
	J	Journal total violation
	J*	Journal total violation - past
	K	Unbalanced IC JE
	K*	Unbalanced IC JE - past
	L	Unbalanced JE by acct category
	L*	Unbalanced JE by AC - past
	M	Multiple problems
	M*	Multiple problems - past
	N	Bad intercompany account
	N*	Bad intercompany account-past
	O	No reporting conversion information
	O*	No reporting conversion information - past
	P	Posted
	Q	Untaxed journal entry
	Q*	Untaxed journal entry - past
	R	Unbalanced enc JE
	R*	Unbalanced enc JE - past
	S	Selected
	T	Invalid conversion information
	T*	Invalid conversion info - past
	U	Unposted
	V	Unapproved
	V*	Unapproved - past

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	W	Enc JE with no enc type
	W*	Enc JE with no enc type - past
	X	Unbalanced JE
	X*	Unbalanced JE - past
	Z	Invalid or no JE lines
	Z*	Invalid or no JE lines - past
STATUS_RESET_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
JE_BATCH_ID (PK)	NOT NULL	NUMBER(15)	Journal entry batch defining column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting books defining column
NAME	NOT NULL	VARCHAR2(100)	Name of journal entry batch
STATUS	NOT NULL	VARCHAR2(1)	Journal entry batch status
STATUS_VERIFIED	NOT NULL	VARCHAR2(1)	Batch status verified by posting process
ACTUAL_FLAG	NOT NULL	VARCHAR2(1)	Balance type (Actual, Budget, or Encumbrance)
DEFAULT_EFFECTIVE_DATE	NOT NULL	DATE	Date within default accounting period
AVERAGE_JOURNAL_FLAG	NOT NULL	VARCHAR2(1)	Average journal flag
BUDGETARY_CONTROL_STATUS	NOT NULL	VARCHAR2(1)	Journal entry batch funds check status
APPROVAL_STATUS_CODE	NOT NULL	VARCHAR2(1)	Journal entry batch approval status
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
STATUS_RESET_FLAG	NULL	VARCHAR2(1)	No longer used
DEFAULT_PERIOD_NAME	NOT NULL	VARCHAR2(15)	Accounting period for batch
UNIQUE_DATE	NULL	VARCHAR2(30)	No longer used
EARLIEST_POSTABLE_DATE	NULL	DATE	Earliest date batch can be posted
POSTED_DATE	NULL	DATE	Date batch was posted
DATE_CREATED	NULL	DATE	Date batch was created
DESCRIPTION	NULL	VARCHAR2(240)	Journal entry batch description
CONTROL_TOTAL	NULL	NUMBER	Control total column
RUNNING_TOTAL_DR	NULL	NUMBER	Batch running total debit, entered currency
RUNNING_TOTAL_CR	NULL	NUMBER	Batch running total credit, entered currency
RUNNING_TOTAL_ACCOUNTED_DR	NULL	NUMBER	Batch running total debit, base currency
RUNNING_TOTAL_ACCOUNTED_CR	NULL	NUMBER	Batch running total credit, base currency
PARENT_JE_BATCH_ID	NULL	NUMBER(15)	Defining column of the parent batch in the primary MRC book
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column
UNRESERVATION_PACKET_ID	NULL	NUMBER(15)	Budgetary control packet defining column
PACKET_ID	NULL	NUMBER(15)	Packet defining column for last funds check of the batch
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Government transaction code
CONTEXT2	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column
POSTING_RUN_ID	NULL	NUMBER(15)	Posting sequence number
REQUEST_ID	NULL	NUMBER(15)	Posting concurrent request id
ORG_ID	NULL	NUMBER(15)	Organization defining column

Indexes

Index Name	Index Type	Sequence	Column Name
GL_JE_BATCHES_N1	NOT UNIQUE	1	STATUS
GL_JE_BATCHES_U1	UNIQUE	1	JE_BATCH_ID
GL_JE_BATCHES_U2	UNIQUE	1	NAME
		2	DEFAULT_PERIOD_NAME
		3	SET_OF_BOOKS_ID

Sequences

Sequence	Derived Column
GL_JE_BATCHES_S	JE_BATCH_ID
GL_JE_POSTING_S	POSTING_RUN_ID

## GL\_JE\_CATEGORIES\_TL

GL\_JE\_CATEGORIES\_TL stores journal entry categories. Each row includes the category name and description. Each journal entry in your Oracle General Ledger application is assigned a journal entry category to identify its purpose. This table corresponds to the Journal Categories form. This table has no foreign keys, other than the standard Who columns.

### Column Descriptions

Name	Null?	Type	Description
JE_CATEGORY_NAME (PK)	NOT NULL	VARCHAR2(25)	Journal entry category
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language the text will mirror. If text is not yet translated into LANGUAGE then any changes to the text in the source language row will be reflected here as well.
USER_JE_CATEGORY_NAME	NOT NULL	VARCHAR2(25)	Journal entry category user defined name
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	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Category description
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column

### Indexes

Index Name	Index Type	Sequence	Column Name
GL_JE_CATEGORIES_TL_U1	UNIQUE	1	JE_CATEGORY_NAME
		2	LANGUAGE
GL_JE_CATEGORIES_TL_U2	UNIQUE	1	USER_JE_CATEGORY_NAME
		2	LANGUAGE

### Sequences

Sequence	Derived Column
GL_JE_CATEGORIES_S	JE_CATEGORY_NAME

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## GL\_JE\_HEADERS

GL\_JE\_HEADERS stores journal entries. There is a one-to-many relationship between journal entry batches and journal entries. Each row in this table includes the associated batch ID, the journal entry name and description, and other information about the journal entry. This table corresponds to the Journals window of the Enter Journals form. STATUS is 'U' for unposted, 'P' for posted. Other statuses indicate that an error condition was found. A complete list is below.

CONVERSION\_FLAG equal to 'N' indicates that you manually changed a converted amount in the Journal Entry Lines zone of a foreign currency journal entry. In this case, the posting program does not re-convert your foreign amounts. This can happen only if your user profile option MULTIPLE\_RATES\_PER\_JE is 'Yes'.  
BALANCING\_SEGMENT\_VALUE is null if there is only one balancing segment value in your journal entry. If there is more than one, BALANCING\_SEGMENT\_VALUE is the greatest balancing segment value in your journal entry.

Following is a list of STATUS codes for this table:

- Bad rounding account
- > Reserved for country - specific functionality
- < Reserved for country - specific functionality
- U Unposted
- P Posted
- 1 Invalid currency code
- 2 Invalid source
- 3 Invalid category
- 4 Invalid set of books
- 5 Invalid set of books
- 6 (Actual) Unopened period
- 6 (Budget) Invalid budget version
- 6 (Encumbrance) Invalid encumbrance type
- 7 Invalid entry
- 8 Invalid entry
- A Code combination does not exist
- B Multiple lines have code combination error
- C Code combination: detail posting not allowed

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D Multiple lines have code combination error  
 E Multiple lines have code combination error  
 F Code combination not enabled  
 G Multiple lines have code combination error  
 H Multiple lines have code combination error  
 I Multiple lines have code combination error  
 J Code combination not yet effective (date)  
 K Multiple lines have code combination error  
 L Multiple lines have code combination error  
 M Code combination past effective date  
 N Multiple lines have code combination error  
 O Multiple lines have code combination error  
 Q Multiple lines have code combination error  
 R Multiple lines have code combination error  
 T Multiple lines have code combination error  
 V Multiple lines have code combination error  
 Z Multiple lines have code combination error

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
FND_FLEX_VALUES	FLEX_VALUE	ORIGINATING_BAL_SEG_VALUE
FND_FLEX_VALUES	FLEX_VALUE	DR_BAL_SEG_VALUE
FND_FLEX_VALUES	FLEX_VALUE	CR_BAL_SEG_VALUE
GL_BUDGET_VERSIONS	BUDGET_VERSION_ID	BUDGET_VERSION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	CURRENCY_CONVERSION_TYPE
GL_ENCUMBRANCE_TYPES	ENCUMBRANCE_TYPE_ID	ENCUMBRANCE_TYPE_ID
GL_JE_BATCHES	JE_BATCH_ID	JE_BATCH_ID
GL_JE_CATEGORIES_TL	JE_CATEGORY_NAME	JE_CATEGORY
GL_JE_HEADERS	JE_HEADER_ID	ACCRUAL_REV_JE_HEADER_ID
GL_JE_HEADERS	JE_HEADER_ID	PARENT_JE_HEADER_ID
GL_JE_HEADERS	JE_HEADER_ID	REVERSED_JE_HEADER_ID
GL_JE_SOURCES_TL	JE_SOURCE_NAME	JE_SOURCE
GL_RECURRING_HEADERS	RECURRING_HEADER_ID	FROM_RECURRING_HEADER_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCRUAL_REV_CHANGE_SIGN_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
ACCRUAL_REV_STATUS	REVERSAL STATUS	GL_LOOKUPS
	-	Not (yet) reversed
	R	Reversed
ACTUAL_FLAG	BATCH_TYPE	GL_LOOKUPS
	A	A
	B	B
	E	E
TAX_STATUS_CODE	TAX_STATUS	GL_LOOKUPS
	N	Not Required

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QuickCodes Columns (Continued)

Column	QuickCodes Type		QuickCodes Table
	R		Required
	T		Taxed
<i>Column Descriptions</i>			
Name	Null?	Type	Description
JE_HEADER_ID (PK)	NOT NULL	NUMBER(15)	Journal entry header defining column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting books defining column
JE_CATEGORY	NOT NULL	VARCHAR2(25)	Journal entry category
JE_SOURCE	NOT NULL	VARCHAR2(25)	Journal entry source
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Accounting period
NAME	NOT NULL	VARCHAR2(100)	Journal entry header name
CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency
STATUS	NOT NULL	VARCHAR2(1)	Journal entry header status lookup code
DATE_CREATED	NOT NULL	DATE	Date header created in GL
ACCRUAL_REV_FLAG	NOT NULL	VARCHAR2(1)	Reversed journal entry flag
MULTI_BAL_SEG_FLAG	NOT NULL	VARCHAR2(1)	Multiple balancing segment flag
ACTUAL_FLAG	NOT NULL	VARCHAR2(1)	Balance type (Actual, Budget, or Encumbrance)
DEFAULT_EFFECTIVE_DATE	NOT NULL	DATE	Journal entry effective date
TAX_STATUS_CODE	NOT NULL	VARCHAR2(1)	Journal entry tax status
CONVERSION_FLAG	NUL	VARCHAR2(1)	Currency conversion flag
CREATION_DATE	NUL	DATE	Standard Who column
CREATED_BY	NUL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NUL	NUMBER(15)	Standard Who column
ENCUMBRANCE_TYPE_ID	NUL	NUMBER(15)	Encumbrance type defining column
BUDGET_VERSION_ID	NUL	NUMBER(15)	Budget version defining column
BALANCED_JE_FLAG	NUL	VARCHAR2(1)	Balanced journal entry flag
BALANCING_SEGMENT_VALUE	NUL	VARCHAR2(25)	Key flexfield structure balancing segment value
JE_BATCH_ID	NOT NULL	NUMBER(15)	Journal entry batch defining column
FROM_RECURRING_HEADER_ID	NUL	NUMBER(15)	Recurring batch header defining column
UNIQUE_DATE	NUL	VARCHAR2(30)	No longer used
EARLIEST_POSTABLE_DATE	NUL	DATE	Earliest date journal entry header can be posted
POSTED_DATE	NUL	DATE	Date journal entry header was posted
ACCRUAL_REV_EFFECTIVE_DATE	NUL	DATE	Reversed journal entry effective date
ACCRUAL_REV_PERIOD_NAME	NUL	VARCHAR2(15)	Reversed journal entry reversal period
ACCRUAL_REV_STATUS	NUL	VARCHAR2(1)	Reversed journal entry status
ACCRUAL_REV_JE_HEADER_ID	NUL	NUMBER(15)	Reversed journal entry defining column
ACCRUAL_REV_CHANGE_SIGN_FLAG	NOT NULL	VARCHAR2(1)	Type of reversal (Change Sign or Switch Dr/Cr)
DESCRIPTION	NUL	VARCHAR2(240)	Journal entry description
CONTROL_TOTAL	NUL	NUMBER	Control total column
RUNNING_TOTAL_DR	NUL	NUMBER	Journal entry running total, entered currency

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Column Descriptions (Continued)

Name	Null?	Type	Description
RUNNING_TOTAL_CR	NULL	NUMBER	Journal entry running total, entered currency
RUNNING_TOTAL_ACCOUNTED_DR	NULL	NUMBER	Journal entry running total, base currency
RUNNING_TOTAL_ACCOUNTED_CR	NULL	NUMBER	Journal entry running total, base currency
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency exchange rate
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Type of currency exchange rate
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
EXTERNAL_REFERENCE	NULL	VARCHAR2(80)	Extra reference column
PARENT_JE_HEADER_ID	NULL	NUMBER(15)	Defining column of the parent journal entry in the primary MRC book
REVERSED_JE_HEADER_ID	NULL	NUMBER(15)	Defining column of the journal entry that is reversed by this journal entry
ORIGINATING_BAL_SEG_VALUE	NULL	VARCHAR2(25)	Originating balancing segment value
INTERCOMPANY_MODE	NULL	NUMBER(15)	Intercompany mode for the journal. Valid values are 1 through 4.
DR_BAL_SEG_VALUE	NULL	VARCHAR2(25)	Balancing segment value used on the debit side of an intercompany journal. This column is meaningful only for intercompany modes 1 and 2.
CR_BAL_SEG_VALUE	NULL	VARCHAR2(25)	Balancing segment value used on the credit side of an intercompany journal. This column is meaningful only for intercompany modes 1 and 3.
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality

# Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Government transaction code
CONTEXT2	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column
DOC_SEQUENCE_ID	NULL	NUMBER	Sequential numbering sequence defining column
DOC_SEQUENCE_VALUE	NULL	NUMBER	Sequential numbering sequence value
JGZZ_RECON_CONTEXT	NULL	VARCHAR2(30)	Context column for Global Reconciliation Descriptive Flexfield
JGZZ_RECON_REF	NULL	VARCHAR2(240)	Global Reconciliation Descriptive Flexfield segment

## Indexes

Index Name	Index Type	Sequence	Column Name
GL_JE_HEADERS_N1	NOT UNIQUE	1	JE_BATCH_ID
GL_JE_HEADERS_N2	NOT UNIQUE	1	PERIOD_NAME
		2	JE_CATEGORY
GL_JE_HEADERS_N3	NOT UNIQUE	1	DOC_SEQUENCE_VALUE
		2	DOC_SEQUENCE_ID
GL_JE_HEADERS_N4	NOT UNIQUE	1	PARENT_JE_HEADER_ID
GL_JE_HEADERS_U1	UNIQUE	1	JE_HEADER_ID
GL_JE_HEADERS_U2	UNIQUE	1	NAME
		2	JE_BATCH_ID

## Sequences

Sequence	Derived Column
GL_JE_HEADERS_S	JE_HEADER_ID

## GL\_JE\_LINES

GL\_JE\_LINES stores the journal entry lines that you enter in the Enter Journals form. There is a one-to-many relationship between journal entries and journal entry lines. Each row in this table stores the associated journal entry header ID, the line number, the associated code combination ID, and the debits or credits associated with the journal line. STATUS is 'U' for unposted or 'P' for posted.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_JE_HEADERS	JE_HEADER_ID	JE_HEADER_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AMOUNT_INCLUDES_TAX_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
TAXABLE_LINE_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
TAX_LINE_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
TAX_ROUNDING_RULE_CODE	TAX_ROUNDING_RULE	GL_LOOKUPS
	D	Down
	N	Nearest
	U	Up
TAX_TYPE_CODE	TAX_TYPE	GL_LOOKUPS
	I	Input
	O	Output

### Column Descriptions

Name	Null?	Type	Description
JE_HEADER_ID (PK)	NOT NULL	NUMBER(15)	Journal entry header defining column
JE_LINE_NUM (PK)	NOT NULL	NUMBER(15)	Journal entry line number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Accounting books defining column
CODE_COMBINATION_ID	NOT NULL	NUMBER(15)	Key flexfield combination defining column
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Accounting period
EFFECTIVE_DATE	NOT NULL	DATE	Journal entry line effective date
STATUS	NOT NULL	VARCHAR2(1)	Journal entry line status
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ENTERED_DR	NULL	NUMBER	Journal entry line debit amount in entered currency
ENTERED_CR	NULL	NUMBER	Journal entry line credit amount in entered currency
ACCOUNTED_DR	NULL	NUMBER	Journal entry line debit amount in base currency
ACCOUNTED_CR	NULL	NUMBER	Journal entry line credit amount in base currency
DESCRIPTION	NULL	VARCHAR2(240)	Journal entry line description
LINE_TYPE_CODE	NULL	VARCHAR2(20)	Line type
REFERENCE_1	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_2	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_3	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_4	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_5	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_6	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_7	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_8	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_9	NULL	VARCHAR2(240)	Journal entry line reference column
REFERENCE_10	NULL	VARCHAR2(240)	Journal entry line reference column
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
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column
CONTEXT2	NULL	VARCHAR2(150)	Descriptive flexfield context column
INVOICE_DATE	NULL	DATE	Value added tax descriptive flexfield column

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Column Descriptions (Continued)

Name	Null?	Type	Description
TAX_CODE	NULL	VARCHAR2(15)	Value added tax descriptive flexfield column
INVOICE_IDENTIFIER	NULL	VARCHAR2(20)	Value added tax descriptive flexfield column
INVOICE_AMOUNT	NULL	NUMBER	Value added tax descriptive flexfield column
NO1	NULL	VARCHAR2(150)	Value added tax descriptive flexfield column
STAT_AMOUNT	NULL	NUMBER	Statistical Amount
IGNORE_RATE_FLAG	NULL	VARCHAR2(1)	Modify amounts if exchange rate changes
CONTEXT3	NULL	VARCHAR2(150)	Descriptive flexfield context column
USSGL_TRANSACTION_CODE	NOT NULL	VARCHAR2(30)	Government transaction code
SUBLEDGER_DOC_SEQUENCE_ID		NUMBER	Sequential numbering sequence defining column
CONTEXT4	NULL	VARCHAR2(150)	Descriptive flexfield structure defining column
SUBLEDGER_DOC_SEQUENCE_VALUE	NULL	NUMBER	Sequential numbering sequence value
GL_SL_LINK_ID	NULL	NUMBER	Link to associated subledger data
GL_SL_LINK_TABLE	NULL	VARCHAR2(30)	Table containing associated subledger data
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
JGZZ_RECON_STATUS	NULL	VARCHAR2(1)	Global reconciliation descriptive flexfield segment
JGZZ_RECON_DATE	NULL	DATE	Global reconciliation descriptive flexfield segment
JGZZ_RECON_ID	NULL	NUMBER	Global reconciliation descriptive flexfield segment
JGZZ_RECON_REF	NULL	VARCHAR2(240)	Global reconciliation descriptive flexfield segment
JGZZ_RECON_CONTEXT	NULL	VARCHAR2(30)	Global reconciliation descriptive flexfield context column
TAXABLE_LINE_FLAG	NULL	VARCHAR2(1)	Taxable line flag for automatic tax calculations
TAX_TYPE_CODE	NULL	VARCHAR2(1)	Tax type (Input or Output) for automatic tax calculations

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Column Descriptions (Continued)

Name	Null?	Type	Description
TAX_CODE_ID	NULL	NUMBER(15)	Tax code defining column for automatic tax calculations
TAX_ROUNDING_RULE_CODE	NULL	VARCHAR2(1)	Rounding rule used for automatic tax calculations
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	Amount includes tax flag for automatic tax calculations
TAX_DOCUMENT_IDENTIFIER	NULL	VARCHAR2(50)	Tax document identifier
TAX_DOCUMENT_DATE	NULL	DATE	Tax document date
TAX_CUSTOMER_NAME	NULL	VARCHAR2(240)	Tax customer name
TAX_CUSTOMER_REFERENCE	NULL	VARCHAR2(240)	Tax customer reference
TAX_REGISTRATION_NUMBER	NULL	VARCHAR2(50)	Tax registration number
TAX_LINE_FLAG	NULL	VARCHAR2(1)	Automatically generated tax line flag
TAX_GROUP_ID	NULL	NUMBER(15)	Tax group id for automatic tax calculations

Indexes

Index Name	Index Type	Sequence	Column Name
GL_JE_LINES_N1	NOT UNIQUE	1	CODE_COMBINATION_ID
		2	PERIOD_NAME
GL_JE_LINES_N3	NOT UNIQUE	1	SUBLEDGER_DOC_SEQUENCE_VALUE
		2	SUBLEDGER_DOC_SEQUENCE_ID
GL_JE_LINES_U1	UNIQUE	1	JE_HEADER_ID
		2	JE_LINE_NUM

Sequences

Sequence	Derived Column
GL_JE_LINES_S	TAX_GROUP_ID

## GL\_JE\_SOURCES\_TL

GL\_JE\_SOURCES\_TL stores journal entry source names and descriptions. Each journal entry in your Oracle General Ledger application is assigned a source name to indicate how it was created. This table corresponds to the Journal Sources form. This table has no foreign keys other than the standard Who columns.

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
JE_SOURCE_NAME (PK)	NOT NULL	VARCHAR2(25)	Journal entry source name
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language the text will mirror. If text is not yet translated into LANGUAGE then any changes to the text in the source language row will be reflected here as well.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
OVERRIDE_EDITS_FLAG	NOT NULL	VARCHAR2(1)	Frozen source
USER_JE_SOURCE_NAME	NOT NULL	VARCHAR2(25)	Journal entry source user defined name
JOURNAL_REFERENCE_FLAG	NOT NULL	VARCHAR2(1)	Populate GL_IMPORT_REFERENCES with reference information from subledger
JOURNAL_APPROVAL_FLAG	NOT NULL	VARCHAR2(1)	Journal approval flag
EFFECTIVE_DATE_RULE_CODE	NOT NULL	VARCHAR2(1)	Non-business day rule (Roll Date, Leave Alone, or Fail)
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Journal entry source description
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column

### Indexes

Index Name	Index Type	Sequence	Column Name
GL_JE_SOURCES_TL_U1	UNIQUE	1	JE_SOURCE_NAME
		2	LANGUAGE

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*Indexes (Continued)*

Index Name	Index Type	Sequence	Column Name
GL_JE_SOURCES_TL_U2	UNIQUE	1	USER_JE_SOURCE_NAME
		2	LANGUAGE

*Sequences*

Sequence	Derived Column
GL_JE_SOURCES_S	JE_SOURCE_NAME



## GL\_MC\_REPORTING\_OPTIONS

GL\_MC\_REPORTING\_OPTIONS is a table for the Multiple Reporting Currencies feature that stores reporting currency information for each primary set of books. There is one row in this table for each reporting currency of a particular primary set of books. This table corresponds to the Applications section of the Assign Reporting Sets of Books form. The columns PRIMARY\_CURRENCY\_CODE and REPORTING\_CURRENCY\_CODE are denormalized from the GL\_SETS\_OF\_BOOKS table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	PRIMARY_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	REPORTING_CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	CONVERSION_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	PRIMARY_SET_OF_BOOKS_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	REPORTING_SET_OF_BOOKS_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	AP_SECONDARY_SET_OF_BOOKS_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DATE_BASIS	MRC_NO_RATE_ACTION	GL_LOOKUPS
	EARLIEST	Use last rate
	MATCH	Report error
ENABLED_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
INHERIT_CONVERSION_TYPE	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
REPORTING_OPTION_ID (PK)	NOT NULL	NUMBER(15)	Reporting option defining column
PRIMARY_SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Primary accounting book defining column
REPORTING_SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Reporting accounting book defining column
PRIMARY_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Primary book currency
REPORTING_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Reporting book currency
APPLICATION_ID	NOT NULL	NUMBER(15)	Application defining column
DATE_BASIS	NOT NULL	VARCHAR2(15)	Date rule to convert the translation
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if record is active (Y / N)
START_DATE	NOT NULL	DATE	Date to start maintaining this reporting book
ORG_ID	NOT NULL	NUMBER(15)	Operating unit defining column
FA_BOOK_TYPE_CODE	NOT NULL	VARCHAR2(15)	Asset book being reported
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

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# Column Descriptions (Continued)

Name	Null?	Type	Description
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
AP_SECONDARY_SET_OF_BOOKS_ID	NULL	NUMBER(15)	Secondary reporting set of books for Payables
CONVERSION_TYPE	NULL	VARCHAR2(30)	Conversion type to be used for converting between currencies
INHERIT_CONVERSION_TYPE	NOT NULL	VARCHAR2(1)	Flag which indicates whether to inherit conversion type from the original transaction (Y/N)
END_DATE	NULL	DATE	Last date to maintain this reporting book
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield defining column
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
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality

## Indexes

Index Name	Index Type	Sequence	Column Name
GL_MC_REPORTING_OPTIONS_N1	NOT UNIQUE	1	PRIMARY_SET_OF_BOOKS_ID
		2	REPORTING_SET_OF_BOOKS_ID
		3	APPLICATION_ID
		4	ORG_ID
		5	FA_BOOK_TYPE_CODE
		6	ENABLED_FLAG

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*Indexes (Continued)*

Index Name	Index Type	Sequence	Column Name
GL_MC_REPORTING_OPTIONS_N2	NOT UNIQUE	1	PRIMARY_SET_OF_BOOKS_ID
		2	APPLICATION_ID
		3	ORG_ID
		4	ENABLED_FLAG
GL_MC_REPORTING_OPTIONS_U1	UNIQUE	1	REPORTING_OPTION_ID

*Sequences*

Sequence	Derived Column
GL_MC_REPORTING_OPTIONS_S	REPORTING_OPTION_ID

## GL\_PERIODS

GL\_PERIODS stores information about the accounting periods you define using the Accounting Calendar form. Each row includes the start date and end date of the period, the period type, the fiscal year, the period number, and other information. There is a one-to-many relationship between a row in the GL\_PERIOD\_SETS table and rows in this table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIOD_SETS	PERIOD_SET_NAME	PERIOD_SET_NAME
GL_PERIOD_TYPES	PERIOD_TYPE	PERIOD_TYPE

### QuickCodes Columns

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

### Column Descriptions

Name	Null?	Type	Description
PERIOD_SET_NAME (PK)	NOT NULL	VARCHAR2(15)	Accounting calendar name
PERIOD_NAME (PK)	NOT NULL	VARCHAR2(15)	System generated accounting period name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
START_DATE	NOT NULL	DATE	Date on which accounting period begins
END_DATE	NOT NULL	DATE	Date on which accounting period ends
YEAR_START_DATE	NULL	DATE	Date on which the year containing this accounting period starts
QUARTER_START_DATE	NULL	DATE	Date on which the quarter containing this accounting period starts
PERIOD_TYPE	NOT NULL	VARCHAR2(15)	Accounting period type
PERIOD_YEAR	NOT NULL	NUMBER(15)	Accounting period year
PERIOD_NUM	NOT NULL	NUMBER(15)	Accounting period number
QUARTER_NUM	NOT NULL	NUMBER(15)	Quarter number of accounting period
ENTERED_PERIOD_NAME	NOT NULL	VARCHAR2(15)	User entered accounting period name
ADJUSTMENT_PERIOD_FLAG	NOT NULL	VARCHAR2(1)	Calendar period adjustment status
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Accounting period description
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context column

Indexes

Index Name	Index Type	Sequence	Column Name
GL_PERIODS_N1	NOT UNIQUE	1	START_DATE
GL_PERIODS_N2	NOT UNIQUE	1	END_DATE
GL_PERIODS_U1	UNIQUE	1	PERIOD_NAME
		2	PERIOD_SET_NAME
GL_PERIODS_U2	UNIQUE	1	PERIOD_SET_NAME
		2	PERIOD_TYPE
		3	PERIOD_YEAR
		4	PERIOD_NUM

## GL\_PERIOD\_STATUSES

GL\_PERIOD\_STATUSES stores the statuses of your accounting periods. Each row includes the accounting period name and status. Other applications maintain their calendars in this table, so each row also includes the relevant application identifier. CLOSING\_STATUS is either 'O' for open, 'F' for future enterable, 'C' for closed, 'P' for permanently closed, or 'N' for never opened. Note that you cannot successfully open a period in your Oracle General Ledger application by changing a period's status to 'O' if it has never been opened before. You must use the Open and Close Periods form to properly open a period.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_APPLICATION	APPLICATION_ID	APPLICATION_ID
GL_PERIODS	PERIOD_NAME	PERIOD_NAME
GL_PERIOD_TYPES	PERIOD_TYPE	PERIOD_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ADJUSTMENT_PERIOD_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
CLOSING_STATUS	CLOSING_STATUS	GL_LOOKUPS
	C	Closed
	F	Future - Entry
	N	Never Opened
	O	Open
	P	Permanently Closed
ELIMINATION_CONFIRMED_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Application defining column
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	Accounting books defining column
PERIOD_NAME (PK)	NOT NULL	VARCHAR2(15)	Accounting period name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CLOSING_STATUS	NOT NULL	VARCHAR2(1)	Accounting period status
START_DATE	NOT NULL	DATE	Date on which accounting period begins
END_DATE	NOT NULL	DATE	Date on which accounting period ends
YEAR_START_DATE	NOT NULL	DATE	Date on which the year containing this accounting period starts
QUARTER_NUM	NOT NULL	NUMBER(15)	Quarter number

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# Column Descriptions (Continued)

Name	Null?	Type	Description
QUARTER_START_DATE	NOT NULL	DATE	Date on which the quarter containing this accounting period starts
PERIOD_TYPE	NOT NULL	VARCHAR2(15)	Accounting period type
PERIOD_YEAR	NOT NULL	NUMBER(15)	Accounting period year
EFFECTIVE_PERIOD_NUM	NOT NULL	NUMBER(15)	Denormalized period number (period_year*10000 + period_num)
PERIOD_NUM	NOT NULL	NUMBER(15)	Accounting period number
ADJUSTMENT_PERIOD_FLAG	NOT NULL	VARCHAR2(1)	Calendar period adjustment flag
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ELIMINATION_CONFIRMED_FLAG	NULL	VARCHAR2(1)	Elimination confirmed flag
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context

## Indexes

Index Name	Index Type	Sequence	Column Name
GL_PERIOD_STATUSES_N1	NOT UNIQUE	1	CLOSING_STATUS
GL_PERIOD_STATUSES_U1	UNIQUE	1	APPLICATION_ID
		2	SET_OF_BOOKS_ID
		3	PERIOD_NAME
		4	PERIOD_NUM
GL_PERIOD_STATUSES_U2	UNIQUE	1	APPLICATION_ID
		2	SET_OF_BOOKS_ID
		3	EFFECTIVE_PERIOD_NUM
		4	CLOSING_STATUS

## Database Triggers

Trigger Name : GL\_MRC\_PERIOD\_STATUSES\_AU  
 Trigger Time : AFTER  
 Trigger Level : STATEMENT  
 Trigger Event : UPDATE

The GL\_MRC\_PERIOD\_STATUSES\_AU trigger maintains the subledger period statuses for reporting sets of books. Whenever a subledger period is opened, closed, or permanently closed for a primary set of books, this trigger opens, closes, or permanently closes the corresponding subledger period in the associated reporting sets of books.

Trigger Name : GL\_MRC\_PERIOD\_STATUSES\_BRU  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

The GL\_MRC\_PERIOD\_STATUSES\_BRU trigger caches data necessary for the GL\_MRC\_PERIOD\_STATUSES\_AU trigger. It also does some maintenance of period statuses necessary for the Global Accounting Engine.

# GL\_PERIOD\_TYPES

GL\_PERIOD\_TYPES stores the period types you define using the Period Types form. Each row includes the period type name, the number of periods per fiscal year, and other information. YEAR\_TYPE\_IN\_NAME is 'C' for calendar or 'F' for fiscal. This determines the system-assigned name of your accounting period in the Accounting Calendar form.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
YEAR_TYPE_IN_NAME	YEAR_TYPE_IN_NAME	GL_LOOKUPS
	C	Calendar
	F	Fiscal

Column Descriptions

Name	Null?	Type	Description
PERIOD_TYPE (PK)	NOT NULL	VARCHAR2(15)	Accounting period type name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
NUMBER_PER_FISCAL_YEAR	NOT NULL	NUMBER(15)	Number of periods per fiscal year
YEAR_TYPE_IN_NAME	NOT NULL	VARCHAR2(1)	Year type (Calendar or Fiscal)
USER_PERIOD_TYPE	NOT NULL	VARCHAR2(15)	Calendar period type user defined name
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Accounting period type description
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context

Indexes

Index Name	Index Type	Sequence	Column Name
GL_PERIOD_TYPES_U1	UNIQUE	1	PERIOD_TYPE
GL_PERIOD_TYPES_U2	UNIQUE	1	USER_PERIOD_TYPE

Sequences

Sequence	Derived Column
GL_PERIOD_TYPES_S	PERIOD_TYPE



## GL\_SETS\_OF\_BOOKS

GL\_SETS\_OF\_BOOKS stores information about the sets of books you define in your Oracle General Ledger application. Each row includes the set of books name, description, functional currency, and other information. This table corresponds to the Set of Books form.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
FND_ID_FLEX_STRUCTURES	ID_FLEX_NUM	CHART_OF_ACCOUNTS_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CUM_TRANS_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RET_EARN_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RES_ENCUMB_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	NET_INCOME_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ROUNDING_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	DAILY_TRANSLATION_RATE_TYPE
GL_PERIOD_SETS	PERIOD_SET_NAME	PERIOD_SET_NAME
GL_PERIOD_TYPES	PERIOD_TYPE	ACCOUNTED_PERIOD_TYPE
GL_TRANSACTION_CALENDAR	TRANSACTION_CALENDAR_ID	TRANSACTION_CALENDAR_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOW_INTERCOMPANY_POST_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
CONSOLIDATION_SOB_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
ENABLE_AUTOMATIC_TAX_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
ENABLE_AVERAGE_BALANCES_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
ENABLE_BUDGETARY_CONTROL_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
ENABLE_JE_APPROVAL_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
REQUIRE_BUDGET_JOURNALS_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
SUSPENSE_ALLOWED_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
TRACK_ROUNDING_IMBALANCE_FLAG	YES/NO	GL_LOOKUPS
	N	No
	Y	Yes
TRANSLATE_EOD_FLAG	YES/NO	GL_LOOKUPS

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QuickCodes Columns (Continued)

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

Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	Accounting books defining column
NAME	NOT NULL	VARCHAR2(30)	Accounting books name
SHORT_NAME	NOT NULL	VARCHAR2(20)	Accounting books short name
CHART_OF_ACCOUNTS_ID	NOT NULL	NUMBER(15)	Key flexfield structure defining column
CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	Accounting calendar name
ACCOUNTED_PERIOD_TYPE	NOT NULL	VARCHAR2(15)	Accounting period type
SUSPENSE_ALLOWED_FLAG	NOT NULL	VARCHAR2(1)	Suspense posting allowed flag
ALLOW_INTERCOMPANY_POST_FLAG	NOT NULL	VARCHAR2(1)	Allow intercompany posting
TRACK_ROUNDING_IMBALANCE_FLAG	NOT NULL	VARCHAR2(1)	Track rounding imbalances flag
ENABLE_AVERAGE_BALANCES_FLAG	NOT NULL	VARCHAR2(1)	Enable average balances flag
ENABLE_BUDGETARY_CONTROL_FLAG	NOT NULL	VARCHAR2(1)	Enable budgetary control flag
REQUIRE_BUDGET_JOURNALS_FLAG	NOT NULL	VARCHAR2(1)	Journal required for budget flag
ENABLE_JE_APPROVAL_FLAG	NOT NULL	VARCHAR2(1)	Enable journal entry approval flag
ENABLE_AUTOMATIC_TAX_FLAG	NOT NULL	VARCHAR2(1)	Enable automatic tax flag
CONSOLIDATION_SOB_FLAG	NOT NULL	VARCHAR2(1)	Consolidation set of books flag
TRANSLATE_EOD_FLAG	NOT NULL	VARCHAR2(1)	Translate EOD balances flag
TRANSLATE_QATD_FLAG	NOT NULL	VARCHAR2(1)	Translated QATD balances flag
TRANSLATE_YATD_FLAG	NOT NULL	VARCHAR2(1)	Translate YATD balances flag
MRC_SOB_TYPE_CODE	NOT NULL	VARCHAR2(1)	MRC set of books type (Parent, Reporting, None)
ALLOW_POSTING_WARNING_FLAG	NOT NULL	VARCHAR2(1)	No longer used - (defaults to 'N')
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	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
FUTURE_ENTERABLE_PERIODS_LIMIT	NULL	NUMBER(15)	Number of future enterable periods
LATEST_OPENED_PERIOD_NAME	NULL	VARCHAR2(15)	Latest opened accounting period
LATEST_ENCUMBRANCE_YEAR	NULL	NUMBER(15)	Latest open year for encumbrances
RET_EARN_CODE_COMBINATION_ID	NULL	NUMBER(15)	Retained earnings key flexfield defining column
CUM_TRANS_CODE_COMBINATION_ID	NULL	NUMBER(15)	Cumulative translation adjustment key flexfield defining column
RES_ENCUMB_CODE_COMBINATION_ID	NOT NULL	NUMBER(15)	Reserve for encumbrance key flexfield defining column

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Column Descriptions (Continued)

Name	Null?	Type	Description
NET_INCOME_CODE_COMBINATION_ID	NULL	NUMBER(15)	Net income key flexfield defining column
ROUNDING_CODE_COMBINATION_ID	NULL	NUMBER(15)	Rounding imbalances key flexfield defining column
TRANSACTION_CALENDAR_ID	NULL	NUMBER(15)	Transaction Calendar defining column
DAILY_TRANSLATION_RATE_TYPE	NULL	VARCHAR2(30)	The rate type to be used for translation of average balances
EARLIEST_UNTRANS_PERIOD_NAME	NULL	VARCHAR2(15)	No longer used
DESCRIPTION	NULL	VARCHAR2(240)	Accounting books description
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
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality

Indexes

Index Name	Index Type	Sequence	Column Name
GL_SETS_OF_BOOKS_U1	UNIQUE	1	NAME
GL_SETS_OF_BOOKS_U2	UNIQUE	1	SET_OF_BOOKS_ID

Sequences

Sequence	Derived Column
GL_SETS_OF_BOOKS_S	SET_OF_BOOKS_ID

## HR\_ALL\_ORGANIZATION\_UNITS

HR\_ORGANIZATION\_UNITS holds the definitions that identify business groups and the organization units within a single business group. Additional information about classifications and information types for each organization is held in HR\_ORGANIZATION\_INFORMATION.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	SOFT_CODING_KEYFLEX_ID
HR_LOCATIONS_ALL	LOCATION_ID	LOCATION_ID
PAY_COST_ALLOCATION_KEYFLEX	COST_ALLOCATION_KEYFLEX_ID	COST_ALLOCATION_KEYFLEX_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INTERNAL_EXTERNAL_FLAG	INTL_EXTL EXT INT	FND_COMMON_LOOKUPS External Internal
TYPE	ORG_TYPE	FND_COMMON_LOOKUPS

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	System-generated primary key column.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
COST_ALLOCATION_KEYFLEX_ID	NULL	NUMBER(9)	Foreign key to PAY_COST_ALLOCATION_KEYFLEX.
LOCATION_ID	NULL	NUMBER(15)	Foreign key to HR_LOCATIONS. Default work site location for all assignments to this organization.
SOFT_CODING_KEYFLEX_ID	NULL	NUMBER(15)	Foreign key to HR_SOFT_CODING_KEYFLEX.
DATE_FROM	NOT NULL	DATE	Start date of the organization.
NAME	NOT NULL	VARCHAR2(60)	Name of the organization.
COMMENTS	NULL	LONG	General remark.
DATE_TO	NULL	DATE	End date of the organization.
INTERNAL_EXTERNAL_FLAG	NULL	VARCHAR2(30)	Identifies whether the organization is treated as an employment unit within the business group.
INTERNAL_ADDRESS_LINE	NULL	VARCHAR2(80)	Internal address line.
TYPE	NULL	VARCHAR2(30)	User-defined organization types, for example Region, Division, Department.
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 column.

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# Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

## Indexes

Index Name	Index Type	Sequence	Column Name
HR_ORGANIZATION_UNITS_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
HR_ORGANIZATION_UNITS_FK2	NOT UNIQUE	1	COST_ALLOCATION_KEYFLEX_ID
HR_ORGANIZATION_UNITS_FK3	NOT UNIQUE	1	LOCATION_ID
HR_ORGANIZATION_UNITS_FK4	NOT UNIQUE	1	SOFT_CODING_KEYFLEX_ID
HR_ORGANIZATION_UNITS_PK	UNIQUE	1	ORGANIZATION_ID
HR_ORGANIZATION_UNITS_UK2	UNIQUE	1	NAME
		2	BUSINESS_GROUP_ID

## Sequences

Sequence	Derived Column
HR_ORGANIZATION_UNITS_S	ORGANIZATION_ID

## HR\_LOCATIONS\_ALL

HR\_LOCATIONS\_ALL holds information about specific work locations defined for an enterprise, including address details.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BILL_TO_SITE_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
IN_ORGANIZATION_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
OFFICE_SITE_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
RECEIVING_SITE_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
SHIP_TO_SITE_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
LOCATION_ID (PK)	NOT NULL	NUMBER(15)	System-generated primary key column.
LOCATION_CODE	NULL	VARCHAR2(20)	Location name.
BUSINESS_GROUP_ID	NULL	NUMBER(15)	Business Group ID associated with location.
DESCRIPTION	NULL	VARCHAR2(50)	Brief description of the location.
SHIP_TO_LOCATION_ID	NULL	NUMBER(15)	Ship-to location foreign key.
SHIP_TO_SITE_FLAG	NULL	VARCHAR2(30)	Indicates whether items can be shipped to this location.
RECEIVING_SITE_FLAG	NULL	VARCHAR2(30)	Indicates whether this location can be used as a receiving site.
BILL_TO_SITE_FLAG	NULL	VARCHAR2(30)	Indicates whether you can bill items to this location.
IN_ORGANIZATION_FLAG	NULL	VARCHAR2(30)	Indicates whether this location is an internal site.
OFFICE_SITE_FLAG	NULL	VARCHAR2(30)	Indicates whether this location can be used as an office site.
DESIGNATED_RECEIVER_ID	NULL	NUMBER(15)	Person foreign key - the contact person for this location.
INVENTORY_ORGANIZATION_ID	NULL	NUMBER(15)	Inventory organization foreign key.
TAX_NAME	NULL	VARCHAR2(15)	Default tax code for this location.
INACTIVE_DATE	NULL	DATE	Date after which this location is no longer valid.
STYLE	NULL	VARCHAR2(2)	Address style - foreign key to FND_TERRITORIES.
ADDRESS_LINE_1	NULL	VARCHAR2(60)	1st line of location address.

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Column Descriptions (Continued)

Name	Null?	Type	Description
ADDRESS_LINE_2	NULL	VARCHAR2(60)	2nd line of location address.
ADDRESS_LINE_3	NULL	VARCHAR2(60)	3rd line of location address.
TOWN_OR_CITY	NULL	VARCHAR2(30)	Town or city.
COUNTRY	NULL	VARCHAR2(60)	Country.
POSTAL_CODE	NULL	VARCHAR2(30)	Postal code.
REGION_1	NULL	VARCHAR2(70)	County (US, UK); Province (CA).
REGION_2	NULL	VARCHAR2(70)	State (US); Province of work (CA).
REGION_3	NULL	VARCHAR2(70)	Additional address segment - not used by seeded address structures.
TELEPHONE_NUMBER_1	NULL	VARCHAR2(60)	Telephone number.
TELEPHONE_NUMBER_2	NULL	VARCHAR2(60)	Telephone number.
TELEPHONE_NUMBER_3	NULL	VARCHAR2(60)	Telephone number.
LOC_INFORMATION13	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION14	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION15	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION16	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
LOC_INFORMATION17	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column.
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield column.
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column

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# Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
ENTERED_BY	NOT NULL	NUMBER(15)	Applications user who created this location; same as CREATED_BY.
TP_HEADER_ID	NULL	NUMBER	Unsupported in Oracle Human Resources. Used by Oracle EDI Gateway.
ECE_TP_LOCATION_CODE	NULL	VARCHAR2(35)	Unsupported in Oracle Human Resources. Used by Oracle EDI Gateway.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	System-generated version of row. Increments by one with each update.

## Indexes

Index Name	Index Type	Sequence	Column Name
HR_LOCATIONS_PK	UNIQUE	1	LOCATION_ID
HR_LOCATIONS_UK2	UNIQUE	1	LOCATION_CODE
		3	BUSINESS_GROUP_ID

## Sequences

Sequence	Derived Column
HR_LOCATIONS_S	LOCATION_ID

## Database Triggers

Trigger Name : HR\_LOCATIONS\_ALL\_OVN  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE

This trigger maintains the object\_version\_number column when a record is modified via an interface which does not support the object\_version\_number explicitly. This ensures the object\_version\_number is maintained consistently.

# HR\_OPERATING\_UNITS

HR\_OPERATING\_UNITS is a view based on HR\_ORGANIZATION\_UNITS and HR\_ORGANIZATION\_INFORMATION that returns information about operating units.

View Definition

```
CREATE VIEW HR_OPERATING_UNITS
  as SELECT
    O.BUSINESS_GROUP_ID
  , O.ORGANIZATION_ID
  , OTL.NAME
  , O.DATE_FROM
  , O.DATE_TO
  , O3.ORG_INFORMATION2

  FROM
    HR_ALL_ORGANIZATION_UNITS O,
    HR_ALL_ORGANIZATION_UNITS_TL OTL,
    HR_ORGANIZATION_INFORMATION O2,
    HR_ORGANIZATION_INFORMATION O3
 WHERE O.ORGANIZATION_ID =
    O2.ORGANIZATION_ID AND O.ORGANIZATION_ID = O3.ORGANIZATION_ID AND
    O2.ORG_INFORMATION_CONTEXT||' ' = 'CLASS' AND
    O3.ORG_INFORMATION_CONTEXT
    = 'Operating Unit Information' AND O2.ORG_INFORMATION1 =
    'OPERATING_UNIT' AND O2.ORG_INFORMATION2 = 'Y'
 AND O.ORGANIZATION_ID = OTL.ORGANIZATION_ID
 AND OTL.LANGUAGE = userenv('LANG')
```

Column Descriptions

Name	Null?	Type	Description
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to base table.
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.
NAME	NOT NULL	VARCHAR2(60)	Refer to base table.
DATE_FROM	NOT NULL	DATE	Refer to base table.
DATE_TO	NULL	DATE	Refer to base table.
LEGAL_ENTITY_ID	NULL	VARCHAR2(150)	Refer to base table.

# HR\_ORGANIZATION\_INFORMATION

HR\_ORGANIZATION\_INFORMATION is used to hold two distinct sets of organization information. When ORG\_INFORMATION\_CONTEXT is set to CLASS this table acts as an intersection table between organizations and organization classifications. ORGANIZATION\_ID identifies the organization and ORG\_INFORMATION1 holds the organization classification name. This information is maintained by the organization classifications block of the Organization form. When ORG\_INFORMATION\_CONTEXT is set to an information type held in HR\_ORG\_INFORMATION\_TYPES the ORG\_INFORMATION1-20 columns hold details for the specific information type. This information is maintained by a predefined protected descriptive flexfield. (Org Developer DF.)

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
HR_ORG_INFORMATION_TYPES	ORG_INFORMATION_TYPE	ORG_INFORMATION_CONTEXT

Column Descriptions

Name	Null?	Type	Description
ORG_INFORMATION_ID (PK)	NOT NULL	NUMBER	Developer descriptive flexfield column.
ORG_INFORMATION_CONTEXT	NOT NULL	VARCHAR2(40)	Developer descriptive flexfield column.
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
ORG_INFORMATION1	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION10	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION11	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION12	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION13	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION14	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION15	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION16	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION17	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION18	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION19	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION2	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION20	NULL	VARCHAR2(150)	Developer descriptive flexfield column.

# Column Descriptions (Continued)

Name	Null?	Type	Description
ORG_INFORMATION3	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION4	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION5	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION6	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION7	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION8	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
ORG_INFORMATION9	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
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 column.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

## Indexes

Index Name	Index Type	Sequence	Column Name
HR_ORGANIZATION_INFORMATIO_FK1	NOT UNIQUE	1	ORG_INFORMATION_CONTEXT
HR_ORGANIZATION_INFORMATIO_FK2	NOT UNIQUE	1	ORGANIZATION_ID
HR_ORGANIZATION_INFORMATIO_PK	UNIQUE	1	ORG_INFORMATION_ID

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### Sequences

Sequence	Derived Column
HR_ORGANIZATION_INFORMATION_S	ORG_INFORMATION_ID

### Database Triggers

Trigger Name : HR\_ORG\_INFO\_BRI  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger will create a security profile when an organization is defined as a business group. The security profile ID is stored in HR\_ORGANIZATION\_INFORMATION.ORG\_INFORMATION14

Trigger Name : HR\_ORG\_INFO\_ARI  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger inserts Business Group information when an Organization is defined as a business group.

## PA\_ACCUM\_COLUMNS

PA\_ACCUM\_COLUMNS holds the configurable columns that are used in the Project Status Inquiry window (PSI). The table contains the column names such as 'RAW\_COST' and 'BURDENED\_COST'. The column values are held for a given PROJECT\_TYPE\_CLASS and ACCUMULATION\_CATEGORY.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCUM_CATEGORY_CODE	ACCUMULATION_CATEGORY	PA_LOOKUPS
	ACTUALS	Actuals
	BUDGETS	Budgets
	COMMITMENTS	Commitments
ACCUM_COLUMN_CODE	ACCUMULATION_COLUMN	PA_LOOKUPS
	BASE_BURDENED_COST	Baselined Burdened Cost
	BASE_LABOR_HOURS	Baselined Labor Hours
	BASE_QUANTITY	Baselined Quantity
	BASE_RAW_COST	Baselined Raw Cost
	BASE_REVENUE	Baselined Revenue
	BILLABLE_BURDENED_COST	Billable Burdened Cost
	BILLABLE_LABOR_HOURS	Billable Labor Hours
	BILLABLE_QUANTITY	Billable Quantity
	BILLABLE_RAW_COST	Billable Raw Cost
	BURDENED_COST	Burdened Cost
	CMT_BURDENED_COST	Commitments Burdened Cost
	CMT_QUANTITY	Commitments Quantity
	CMT_RAW_COST	Commitments Raw Cost
	LABOR_HOURS	Labor Hours
	ORIG_BURDENED_COST	Original Burdened Cost
	ORIG_LABOR_HOURS	Original Labor Hours
	ORIG_QUANTITY	Original Quantity
	ORIG_RAW_COST	Original Raw Cost
	ORIG_REVENUE	Original Revenue
	QUANTITY	Quantity
	RAW_COST	Raw Cost
	REVENUE	Revenue
PROJECT_TYPE_CLASS_CODE	PROJECT TYPE CLASS	PA_LOOKUPS
	CAPITAL	Capital
	CONTRACT	Contract
	INDIRECT	Indirect

### Column Descriptions

Name	Null?	Type	Description
PROJECT_TYPE_CLASS_CODE	NOT NULL	VARCHAR2(30)	Type of the project for which the column values apply
COLUMN_ID (PK)	NOT NULL	NUMBER(15)	Sequence generated id for the Accumulation Column
ACCUM_CATEGORY_CODE	NULL	VARCHAR2(30)	Indicates the accumulation category to which this column belongs. For example, 'BUDGETS', 'ACTUALS', or 'COMMITMENTS'.

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACCUM_COLUMN_CODE	NULL	VARCHAR2(30)	Column to be summarized
DESCRIPTION	NULL	VARCHAR2(255)	The column description
ACCUM_FLAG	NULL	VARCHAR2(1)	Indicates whether the column is to be included when summarizing Actuals, Budgets etc.
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	NOT NULL	NUMBER	Standard Who Column

Sequences

Sequence	Derived Column
PA_ACCUM_CONFIG_COLUMNS_S	COLUMN_ID

## PA\_ACCUM\_RSRC\_ACT\_BASE\_V

PA\_ACCUM\_RSRC\_ACT\_BASE\_V is a base view that shows project-level and task-level resource actuals, including costs, revenues, quantities, and labor hours. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts

This base view consists of two unions. The first union returns lowest-level resources. The second union returns summary amounts for resource groups.

Project level rows have a zero task\_id. Task level rows have a task\_id that is greater than zero.

We recommend that this view should not be used for reporting purposes since it may return multiple rows for a given resource group. You should use the higher-level summary PA\_ACCUM\_RSRC\_ACT\_V view for reporting and online queries.

### *View Definition*

```
CREATE VIEW PA_ACCUM_RSRC_ACT_BASE_V
as SELECT
    PAH.PROJECT_ID
  , PAH.TASK_ID
  , RLM.RESOURCE_LIST_MEMBER_ID
  , RLM.PARENT_MEMBER_ID
  , PAH.RESOURCE_LIST_ASSIGNMENT_ID
  , NVL(PAA.RAW_COST_ITD, 0)
  , NVL(PAA.RAW_COST_YTD, 0)
  , NVL(PAA.RAW_COST_PP, 0)
  , NVL(PAA.RAW_COST_PTD, 0)
  , NVL(PAA.BILLABLE_RAW_COST_ITD, 0)
  , NVL(PAA.BILLABLE_RAW_COST_YTD, 0)
  , NVL(PAA.BILLABLE_RAW_COST_PP, 0)
  , NVL(PAA.BILLABLE_RAW_COST_PTD, 0)
  , NVL(PAA.BURDENED_COST_ITD, 0)
  , NVL(PAA.BURDENED_COST_YTD, 0)
  , NVL(PAA.BURDENED_COST_PP, 0)
  , NVL(PAA.BURDENED_COST_PTD, 0)
  , NVL(PAA.BILLABLE_BURDENED_COST_ITD, 0)
  , NVL(PAA.BILLABLE_BURDENED_COST_YTD, 0)
  , NVL(PAA.BILLABLE_BURDENED_COST_PP, 0)
  , NVL(PAA.BILLABLE_BURDENED_COST_PTD, 0)
  , NVL(PAA.QUANTITY_ITD, 0)
  , NVL(PAA.QUANTITY_YTD, 0)
  , NVL(PAA.QUANTITY_PP, 0)
  , NVL(PAA.QUANTITY_PTD, 0)
  , NVL(PAA.BILLABLE_QUANTITY_ITD, 0)
  , NVL(PAA.BILLABLE_QUANTITY_YTD, 0)
  , NVL(PAA.BILLABLE_QUANTITY_PP, 0)
  , NVL(PAA.BILLABLE_QUANTITY_PTD, 0)
```

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```

, NVL(PAA.LABOR_HOURS_ITD, 0)
, NVL(PAA.LABOR_HOURS_YTD, 0)
, NVL(PAA.LABOR_HOURS_PP, 0)
, NVL(PAA.LABOR_HOURS_PTD, 0)
, NVL(PAA.BILLABLE_LABOR_HOURS_ITD, 0)
, NVL(PAA.BILLABLE_LABOR_HOURS_YTD, 0)
, NVL(PAA.BILLABLE_LABOR_HOURS_PP, 0)
, NVL(PAA.BILLABLE_LABOR_HOURS_PTD, 0)
, NVL(PAA.REVENUE_ITD, 0)
, NVL(PAA.REVENUE_YTD, 0)
, NVL(PAA.REVENUE_PP, 0)
, NVL(PAA.REVENUE_PTD, 0)
FROM PA_PROJECT_ACCUM_ACTUALS PAA
, PA_RESOURCE_LIST_MEMBERS RLM
, PA_PROJECT_ACCUM_HEADERS PAH
Where WHERE RLM.RESOURCE_LIST_MEMBER_ID = PAH.RESOURCE_LIST_MEMBER_ID
AND PAH.PROJECT_ACCUM_ID = PAA.PROJECT_ACCUM_ID
UNION
SELECT
PAH.PROJECT_ID
, PAH.TASK_ID
, RLM.PARENT_MEMBER_ID
, NULL+0
, PAH.RESOURCE_LIST_ASSIGNMENT_ID
, SUM(NVL(PAA.RAW_COST_ITD, 0))
, SUM(NVL(PAA.RAW_COST_YTD, 0))
, SUM(NVL(PAA.RAW_COST_PP, 0))
, SUM(NVL(PAA.RAW_COST_PTD, 0))
, SUM(NVL(PAA.BILLABLE_RAW_COST_ITD, 0))
, SUM(NVL(PAA.BILLABLE_RAW_COST_YTD, 0))
, SUM(NVL(PAA.BILLABLE_RAW_COST_PP, 0))
, SUM(NVL(PAA.BILLABLE_RAW_COST_PTD, 0))
, SUM(NVL(PAA.BURDENED_COST_ITD, 0))
, SUM(NVL(PAA.BURDENED_COST_YTD, 0))
, SUM(NVL(PAA.BURDENED_COST_PP, 0))
, SUM(NVL(PAA.BURDENED_COST_PTD, 0))
, SUM(NVL(PAA.BILLABLE_BURDENED_COST_ITD, 0))
, SUM(NVL(PAA.BILLABLE_BURDENED_COST_YTD, 0))
, SUM(NVL(PAA.BILLABLE_BURDENED_COST_PP, 0))
, SUM(NVL(PAA.BILLABLE_BURDENED_COST_PTD, 0))
, SUM(NVL(PAA.QUANTITY_ITD, 0))
, SUM(NVL(PAA.QUANTITY_YTD, 0))
, SUM(NVL(PAA.QUANTITY_PP, 0))
, SUM(NVL(PAA.QUANTITY_PTD, 0))
, SUM(NVL(PAA.BILLABLE_QUANTITY_ITD, 0))
, SUM(NVL(PAA.BILLABLE_QUANTITY_YTD, 0))
, SUM(NVL(PAA.BILLABLE_QUANTITY_PP, 0))
, SUM(NVL(PAA.BILLABLE_QUANTITY_PTD, 0))
, SUM(NVL(PAA.LABOR_HOURS_ITD, 0))
, SUM(NVL(PAA.LABOR_HOURS_YTD, 0))
, SUM(NVL(PAA.LABOR_HOURS_PP, 0))
, SUM(NVL(PAA.LABOR_HOURS_PTD, 0))
, SUM(NVL(PAA.BILLABLE_LABOR_HOURS_ITD, 0))
, SUM(NVL(PAA.BILLABLE_LABOR_HOURS_YTD, 0))
, SUM(NVL(PAA.BILLABLE_LABOR_HOURS_PP, 0))
, SUM(NVL(PAA.BILLABLE_LABOR_HOURS_PTD, 0))
, SUM(NVL(PAA.REVENUE_ITD, 0))

```

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```

, SUM(NVL(PAA.REVENUE_YTD, 0))
, SUM(NVL(PAA.REVENUE_PP, 0))
, SUM(NVL(PAA.REVENUE_PTD, 0))
FROM PA_PROJECT_ACCUM_HEADERS PAH
, PA_RESOURCE_LIST_MEMBERS RLM
, PA_PROJECT_ACCUM_ACTUALS PAA
WHERE RLM.PARENT_MEMBER_ID IS NOT NULL
AND RLM.RESOURCE_LIST_MEMBER_ID = PAH.RESOURCE_LIST_MEMBER_ID
AND PAH.PROJECT_ACCUM_ID = PAA.PROJECT_ACCUM_ID
GROUP BY PAH.PROJECT_ID, PAH.TASK_ID, RLM.PARENT_MEMBER_ID,
PAH.RESOURCE_LIST_ASSIGNMENT_ID

```

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER	Refer to base table.
PARENT_MEMBER_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_ASSIGNMENT_ID	NULL	NUMBER	Refer to base table.
RAW_COST_ITD	NULL	NUMBER	Refer to base table.
RAW_COST_YTD	NULL	NUMBER	Refer to base table.
RAW_COST_PP	NULL	NUMBER	Refer to base table.
RAW_COST_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_PP	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
ACTUALS_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
ACTUALS_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
ACTUALS_QUANTITY_PP	NULL	NUMBER	Refer to base table.
ACTUALS_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY_PP	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
REVENUE_ITD	NULL	NUMBER	Refer to base table.
REVENUE_YTD	NULL	NUMBER	Refer to base table.
REVENUE_PP	NULL	NUMBER	Refer to base table.
REVENUE_PTD	NULL	NUMBER	Refer to base table.

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## PA\_ACCUM\_RSRC\_ACT\_V

PA\_ACCUM\_RSRC\_ACT\_V is a reporting view that shows project- and task- level resource actuals, including costs, revenues, quantities, and labor hours. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts.

Project level rows have a zero task\_id. Task level rows have a task\_id that is greater than zero.

PA\_ACCUM\_RSRC\_ACT\_V is a summary view based on PA\_ACCUM\_RSRC\_ACT\_BASE\_V. This view has one row for each project- and task-level resource, where actuals have been summarized.

### View Definition

```
CREATE VIEW PA_ACCUM_RSRC_ACT_V
as SELECT
    AR.PROJECT_ID , AR.TASK_ID , AR.RESOURCE_LIST_MEMBER_ID , AR.PARENT_MEMBER_ID ,
    AR.RESOURCE_LIST_ASSIGNMENT_ID , SUM(NVL(AR.RAW_COST_ITD, 0)) , SUM(NVL(AR.RAW_COST_YTD, 0)) ,
    SUM(NVL(AR.RAW_COST_PP, 0)) , SUM(NVL(AR.RAW_COST_PTD, 0)) , SUM(NVL(AR.BILLABLE_RAW_COST_ITD,
    0)) , SUM(NVL(AR.BILLABLE_RAW_COST_YTD, 0)) , SUM(NVL(AR.BILLABLE_RAW_COST_PP, 0)) ,
    SUM(NVL(AR.BILLABLE_RAW_COST_PTD, 0)) , SUM(NVL(AR.BURDENED_COST_ITD, 0)) ,
    SUM(NVL(AR.BURDENED_COST_YTD, 0)) , SUM(NVL(AR.BURDENED_COST_PP, 0)) ,
    SUM(NVL(AR.BURDENED_COST_PTD, 0)) , SUM(NVL(AR.BILLABLE_BURDENED_COST_ITD, 0)) ,
    SUM(NVL(AR.BILLABLE_BURDENED_COST_YTD, 0)) , SUM(NVL(AR.BILLABLE_BURDENED_COST_PP, 0)) ,
    SUM(NVL(AR.BILLABLE_BURDENED_COST_PTD, 0)) , SUM(NVL(AR.ACTUALS_QUANTITY_ITD, 0)) ,
    SUM(NVL(AR.ACTUALS_QUANTITY_YTD, 0)) , SUM(NVL(AR.ACTUALS_QUANTITY_PP, 0)) ,
    SUM(NVL(AR.ACTUALS_QUANTITY_PTD, 0)) , SUM(NVL(AR.BILLABLE_QUANTITY_ITD, 0)) ,
    SUM(NVL(AR.BILLABLE_QUANTITY_YTD, 0)) , SUM(NVL(AR.BILLABLE_QUANTITY_PP, 0)) ,
    SUM(NVL(AR.BILLABLE_QUANTITY_PTD, 0)) , SUM(NVL(AR.ACTUALS_LABOR_HOURS_ITD, 0)) ,
    SUM(NVL(AR.ACTUALS_LABOR_HOURS_YTD, 0)) , SUM(NVL(AR.ACTUALS_LABOR_HOURS_PP, 0)) ,
    SUM(NVL(AR.ACTUALS_LABOR_HOURS_PTD, 0)) , SUM(NVL(AR.BILLABLE_LABOR_HOURS_ITD, 0)) ,
    SUM(NVL(AR.BILLABLE_LABOR_HOURS_YTD, 0)) , SUM(NVL(AR.BILLABLE_LABOR_HOURS_PP, 0)) ,
    SUM(NVL(AR.BILLABLE_LABOR_HOURS_PTD, 0)) , SUM(NVL(AR.REVENUE_ITD, 0)) ,
    SUM(NVL(AR.REVENUE_YTD, 0)) , SUM(NVL(AR.REVENUE_PP, 0)) , SUM(NVL(AR.REVENUE_PTD, 0)) FROM
    PA_ACCUM_RSRC_ACT_BASE_V AR GROUP BY AR.PROJECT_ID , AR.TASK_ID , AR.RESOURCE_LIST_MEMBER_ID ,
    AR.PARENT_MEMBER_ID, AR.RESOURCE_LIST_ASSIGNMENT_ID
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER	Refer to base table.
PARENT_MEMBER_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_ASSIGNMENT_ID	NULL	NUMBER	Refer to base table.
RAW_COST_ITD	NULL	NUMBER	Refer to base table.
RAW_COST_YTD	NULL	NUMBER	Refer to base table.
RAW_COST_PP	NULL	NUMBER	Refer to base table.
RAW_COST_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_ITD	NULL	NUMBER	Refer to base table.

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*Column Descriptions (Continued)*

BILLABLE_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_PP	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
ACTUALS_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
ACTUALS_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
ACTUALS_QUANTITY_PP	NULL	NUMBER	Refer to base table.
ACTUALS_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY_PP	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
REVENUE_ITD	NULL	NUMBER	Refer to base table.
REVENUE_YTD	NULL	NUMBER	Refer to base table.
REVENUE_PP	NULL	NUMBER	Refer to base table.
REVENUE_PTD	NULL	NUMBER	Refer to base table.

## PA\_ACCUM\_RSRC\_CMT\_BASE\_V

PA\_ACCUM\_RSRC\_CMT\_BASE\_V is a base view that shows project and task level resource commitments, including commitment raw costs, burdened costs, and quantities. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts.

This base view consists of two unions. The first union returns lowest-level resources. The second union returns summary amounts for resource groups.

Project level rows have a zero task\_id. Task level rows have a task\_id that is greater than zero.

We recommend that this view not be used for reporting purposes since it may return multiple rows for a given resource group. You should use the higher-level, summary PA\_ACCUM\_RSRC\_CMT\_V view for reporting and online queries.

### View Definition

```
CREATE VIEW PA_ACCUM_RSRC_CMT_BASE_V
as SELECT
    PAH.PROJECT_ID
  , PAH.TASK_ID
  , RLM.RESOURCE_LIST_MEMBER_ID
  , RLM.PARENT_MEMBER_ID
  , PAH.RESOURCE_LIST_ASSIGNMENT_ID
  , NVL(PAC.CMT_RAW_COST_ITD, 0)
  , NVL(PAC.CMT_RAW_COST_YTD, 0)
  , NVL(PAC.CMT_RAW_COST_PP, 0)
  , NVL(PAC.CMT_RAW_COST_PTD, 0)
  , NVL(PAC.CMT_BURDENED_COST_ITD, 0)
  , NVL(PAC.CMT_BURDENED_COST_YTD, 0)
  , NVL(PAC.CMT_BURDENED_COST_PP, 0)
  , NVL(PAC.CMT_BURDENED_COST_PTD, 0)
  , NVL(PAC.CMT_QUANTITY_ITD, 0)
  , NVL(PAC.CMT_QUANTITY_YTD, 0)
  , NVL(PAC.CMT_QUANTITY_PP, 0)
  , NVL(PAC.CMT_QUANTITY_PTD, 0)

FROM PA_PROJECT_ACCUM_COMMITMENTS PAC
  , PA_RESOURCE_LIST_MEMBERS RLM
  , PA_PROJECT_ACCUM_HEADERS PAH

Where WHERE RLM.RESOURCE_LIST_MEMBER_ID = PAH.RESOURCE_LIST_MEMBER_ID
AND PAH.PROJECT_ACCUM_ID = PAC.PROJECT_ACCUM_ID
```

```

UNION
SELECT
    PAH.PROJECT_ID
    , PAH.TASK_ID
    , RLM.PARENT_MEMBER_ID
    , NULL+0
    , PAH.RESOURCE_LIST_ASSIGNMENT_ID
    , SUM(NVL(PAC.CMT_RAW_COST_ITD, 0))
    , SUM(NVL(PAC.CMT_RAW_COST_YTD, 0))
    , SUM(NVL(PAC.CMT_RAW_COST_PP, 0))
    , SUM(NVL(PAC.CMT_RAW_COST_PTD, 0))
    , SUM(NVL(PAC.CMT_BURDENED_COST_ITD, 0))
    , SUM(NVL(PAC.CMT_BURDENED_COST_YTD, 0))
    , SUM(NVL(PAC.CMT_BURDENED_COST_PP, 0))
    , SUM(NVL(PAC.CMT_BURDENED_COST_PTD, 0))
    , SUM(NVL(PAC.CMT_QUANTITY_ITD, 0))
    , SUM(NVL(PAC.CMT_QUANTITY_YTD, 0))
    , SUM(NVL(PAC.CMT_QUANTITY_PP, 0))
    , SUM(NVL(PAC.CMT_QUANTITY_PTD, 0))
FROM PA_PROJECT_ACCUM_HEADERS PAH
    , PA_RESOURCE_LIST_MEMBERS RLM
    , PA_PROJECT_ACCUM_COMMITMENTS PAC
WHERE RLM.PARENT_MEMBER_ID IS NOT NULL
AND RLM.RESOURCE_LIST_MEMBER_ID = PAH.RESOURCE_LIST_MEMBER_ID
AND PAH.PROJECT_ACCUM_ID = PAC.PROJECT_ACCUM_ID
GROUP BY PAH.PROJECT_ID, PAH.TASK_ID, RLM.PARENT_MEMBER_ID,
PAH.RESOURCE_LIST_ASSIGNMENT_ID

```

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER	Refer to base table.
PARENT_MEMBER_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_ASSIGNMENT_ID	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_PP	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_PP	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_PTD	NULL	NUMBER	Refer to base table.

## PA\_ACCUM\_RSRC\_REV\_BGT\_BASE\_V

PA\_ACCUM\_RSRC\_REV\_BGT\_V is a base view that shows project and task level resource amounts like original and baseline revenue, quantities and labor hours for various revenue budget types. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, inception-to-date and total amounts.

This base view consists of two unions. The first union returns lowest-level resources. The second union returns summary amounts for resource groups.

Project level rows have a zero task\_id. Task level rows have a task\_id that is greater than zero.

We recommend that this view should not be used for reporting purposes since it may return multiple rows for a given resource group. You should use the higher-level summary PA\_ACCUM\_RSRC\_REV\_BGT\_V view for reporting and online queries.

### View Definition

```
CREATE VIEW PA_ACCUM_RSRC_REV_BGT_BASE_V
as SELECT
    PAH.PROJECT_ID
  , PAH.TASK_ID
  , RLM.RESOURCE_LIST_MEMBER_ID
  , RLM.PARENT_MEMBER_ID
  , PAB.BUDGET_TYPE_CODE
  , PAH.RESOURCE_LIST_ASSIGNMENT_ID
  , NVL(PAB.BASE_REVENUE_ITD, 0)
  , NVL(PAB.BASE_REVENUE_YTD, 0)
  , NVL(PAB.BASE_REVENUE_PP, 0)
  , NVL(PAB.BASE_REVENUE_PTD, 0)
  , NVL(PAB.ORIG_REVENUE_ITD, 0)
  , NVL(PAB.ORIG_REVENUE_YTD, 0)
  , NVL(PAB.ORIG_REVENUE_PP, 0)
  , NVL(PAB.ORIG_REVENUE_PTD, 0)
  , NVL(PAB.BASE_QUANTITY_ITD, 0)
  , NVL(PAB.BASE_QUANTITY_YTD, 0)
  , NVL(PAB.BASE_QUANTITY_PP, 0)
  , NVL(PAB.BASE_QUANTITY_PTD, 0)
  , NVL(PAB.ORIG_QUANTITY_ITD, 0)
  , NVL(PAB.ORIG_QUANTITY_YTD, 0)
  , NVL(PAB.ORIG_QUANTITY_PP, 0)
  , NVL(PAB.ORIG_QUANTITY_PTD, 0)
  , NVL(PAB.ORIG_LABOR_HOURS_ITD, 0)
  , NVL(PAB.ORIG_LABOR_HOURS_YTD, 0)
  , NVL(PAB.ORIG_LABOR_HOURS_PP, 0)
  , NVL(PAB.ORIG_LABOR_HOURS_PTD, 0)
  , NVL(PAB.BASE_LABOR_HOURS_ITD, 0)
  , NVL(PAB.BASE_LABOR_HOURS_YTD, 0)
  , NVL(PAB.BASE_LABOR_HOURS_PP, 0)
```

```

, NVL(PAB.BASE_LABOR_HOURS_PTD, 0)
, NVL(PAB.BASE_REVENUE_TOT, 0)
, NVL(PAB.Orig_REVENUE_TOT, 0)
, NVL(PAB.Orig_LABOR_HOURS_TOT, 0)
, NVL(PAB.BASE_LABOR_HOURS_TOT, 0)
, NVL(PAB.BASE_QUANTITY_TOT, 0)
, NVL(PAB.Orig_QUANTITY_TOT, 0)
FROM PA_PROJECT_ACCUM_HEADERS PAH
, PA_RESOURCE_LIST_MEMBERS RLM
, PA_PROJECT_ACCUM_BUDGETS PAB
, PA_BUDGET_TYPES BT
WHERE RLM.RESOURCE_LIST_MEMBER_ID = PAH.RESOURCE_LIST_MEMBER_ID
AND PAH.PROJECT_ACCUM_ID = PAB.PROJECT_ACCUM_ID
AND PAB.BUDGET_TYPE_CODE = BT.BUDGET_TYPE_CODE
AND BT.BUDGET_AMOUNT_CODE = 'R'
UNION
SELECT
PAH.PROJECT_ID
, PAH.TASK_ID
, RLM.PARENT_MEMBER_ID
, NULL+0
, PAB.BUDGET_TYPE_CODE
, PAH.RESOURCE_LIST_ASSIGNMENT_ID
, SUM(NVL(PAB.BASE_REVENUE_ITD, 0))
, SUM(NVL(PAB.BASE_REVENUE_YTD, 0))
, SUM(NVL(PAB.BASE_REVENUE_PP, 0))
, SUM(NVL(PAB.BASE_REVENUE_PTD, 0))
, SUM(NVL(PAB.Orig_REVENUE_ITD, 0))
, SUM(NVL(PAB.Orig_REVENUE_YTD, 0))
, SUM(NVL(PAB.Orig_REVENUE_PP, 0))
, SUM(NVL(PAB.Orig_REVENUE_PTD, 0))
, SUM(NVL(PAB.BASE_QUANTITY_ITD, 0))
, SUM(NVL(PAB.BASE_QUANTITY_YTD, 0))
, SUM(NVL(PAB.BASE_QUANTITY_PP, 0))
, SUM(NVL(PAB.BASE_QUANTITY_PTD, 0))
, SUM(NVL(PAB.Orig_QUANTITY_ITD, 0))
, SUM(NVL(PAB.Orig_QUANTITY_YTD, 0))
, SUM(NVL(PAB.Orig_QUANTITY_PP, 0))
, SUM(NVL(PAB.Orig_QUANTITY_PTD, 0))
, SUM(NVL(PAB.Orig_LABOR_HOURS_ITD, 0))
, SUM(NVL(PAB.Orig_LABOR_HOURS_YTD, 0))
, SUM(NVL(PAB.Orig_LABOR_HOURS_PP, 0))
, SUM(NVL(PAB.Orig_LABOR_HOURS_PTD, 0))
, SUM(NVL(PAB.BASE_LABOR_HOURS_ITD, 0))
, SUM(NVL(PAB.BASE_LABOR_HOURS_YTD, 0))
, SUM(NVL(PAB.BASE_LABOR_HOURS_PP, 0))
, SUM(NVL(PAB.BASE_LABOR_HOURS_PTD, 0))
, SUM(NVL(PAB.BASE_REVENUE_TOT, 0))
, SUM(NVL(PAB.Orig_REVENUE_TOT, 0))
, SUM(NVL(PAB.Orig_LABOR_HOURS_TOT, 0))
, SUM(NVL(PAB.BASE_LABOR_HOURS_TOT, 0))
, SUM(NVL(PAB.BASE_QUANTITY_TOT, 0))
, SUM(NVL(PAB.Orig_QUANTITY_TOT, 0))
FROM PA_PROJECT_ACCUM_HEADERS PAH
, PA_RESOURCE_LIST_MEMBERS RLM
, PA_PROJECT_ACCUM_BUDGETS PAB
, PA_BUDGET_TYPES BT

```

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```

WHERE RLM.PARENT_MEMBER_ID IS NOT NULL
AND RLM.RESOURCE_LIST_MEMBER_ID = PAH.RESOURCE_LIST_MEMBER_ID
AND PAH.PROJECT_ACCUM_ID = PAB.PROJECT_ACCUM_ID
AND PAB.BUDGET_TYPE_CODE = BT.BUDGET_TYPE_CODE
AND BT.BUDGET_AMOUNT_CODE = 'R'
GROUP BY PAH.PROJECT_ID, PAH.TASK_ID, RLM.PARENT_MEMBER_ID,
PAB.BUDGET_TYPE_CODE, PAH.RESOURCE_LIST_ASSIGNMENT_ID

```

*Column Descriptions*

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER	Refer to base table.
PARENT_MEMBER_ID	NULL	NUMBER	Refer to base table.
BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	Refer to base table.
RESOURCE_LIST_ASSIGNMENT_ID	NULL	NUMBER	Refer to base table.
BASELINE_REVENUE_ITD	NULL	NUMBER	Refer to base table.
BASELINE_REVENUE_YTD	NULL	NUMBER	Refer to base table.
BASELINE_REVENUE_PP	NULL	NUMBER	Refer to base table.
BASELINE_REVENUE_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_PTD	NULL	NUMBER	Refer to base table.
BASELINE_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
BASELINE_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
BASELINE_QUANTITY_PP	NULL	NUMBER	Refer to base table.
BASELINE_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASELINE_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
BASELINE_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
BASELINE_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
BASELINE_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASELINE_REVENUE_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.
BASELINE_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.
BASELINE_QUANTITY_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_TOT	NULL	NUMBER	Refer to base table.

# PA\_ACCUM\_RSRC\_CMT\_V

PA\_ACCUM\_RSRC\_CMT\_V is a reporting view that shows project- and task- level resource commitments, including commitment raw costs, burdened costs, and quantities. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts.

Project level rows have a zero task\_id. Task level rows have a task\_id that is greater than zero.

PA\_ACCUM\_RSRC\_CMT\_V is a summary view based on PA\_ACCUM\_RSRC\_CMT\_BASE\_V. This view has one row for each project- and task-level resource, where actuals have been summarized.

### View Definition

```
CREATE VIEW PA_ACCUM_RSRC_CMT_V
as SELECT
    AR.PROJECT_ID , AR.TASK_ID , AR.RESOURCE_LIST_MEMBER_ID , AR.PARENT_MEMBER_ID ,
    AR.RESOURCE_LIST_ASSIGNMENT_ID , SUM(NVL(AR.CMT_RAW_COST_ITD, 0)) ,
    SUM(NVL(AR.CMT_RAW_COST_YTD, 0)) , SUM(NVL(AR.CMT_RAW_COST_PP, 0)) ,
    SUM(NVL(AR.CMT_RAW_COST_PTD, 0)) , SUM(NVL(AR.CMT_BURDENED_COST_ITD, 0)) ,
    SUM(NVL(AR.CMT_BURDENED_COST_YTD, 0)) , SUM(NVL(AR.CMT_BURDENED_COST_PP, 0)) ,
    SUM(NVL(AR.CMT_BURDENED_COST_PTD, 0)) , SUM(NVL(AR.CMT_QUANTITY_ITD, 0)) ,
    SUM(NVL(AR.CMT_QUANTITY_YTD, 0)) , SUM(NVL(AR.CMT_QUANTITY_PP, 0)) ,
    SUM(NVL(AR.CMT_QUANTITY_PTD, 0)) FROM PA_ACCUM_RSRC_CMT_BASE_V AR GROUP BY AR.PROJECT_ID,
    AR.TASK_ID, AR.RESOURCE_LIST_MEMBER_ID, AR.PARENT_MEMBER_ID, AR.RESOURCE_LIST_ASSIGNMENT_ID
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER	Refer to base table.
PARENT_MEMBER_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_ASSIGNMENT_ID	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_PP	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_PP	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_PTD	NULL	NUMBER	Refer to base table.

## PA\_ACCUM\_RSRC\_COST\_BGT\_V

PA\_ACCUM\_RSRC\_COST\_BGT\_V is a reporting view that shows project- and task- level amounts, including original and baseline raw cost, burdened cost, quantities, and labor hours for various cost budget types. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts.

Project level rows have a zero task\_id. Task level rows have a task\_id that is greater than zero.

PA\_ACCUM\_RSRC\_COST\_BGT\_V is a summary view based on PA\_ACCUM\_RSRC\_COST\_BGT\_BASE\_V. This view has one row for each project- and task-level resource, where actuals have been summarized.

### View Definition

```
CREATE VIEW PA_ACCUM_RSRC_COST_BGT_V
as SELECT
    AR.PROJECT_ID , AR.TASK_ID , AR.RESOURCE_LIST_MEMBER_ID , AR.PARENT_MEMBER_ID ,
    AR.BUDGET_TYPE_CODE , AR.RESOURCE_LIST_ASSIGNMENT_ID , SUM(NVL(AR.BASELINE_RAW_COST_ITD, 0)) ,
    SUM(NVL(AR.BASELINE_RAW_COST_YTD, 0)) , SUM(NVL(AR.BASELINE_RAW_COST_PP, 0)) ,
    SUM(NVL(AR.BASELINE_RAW_COST_PTD, 0)) , SUM(NVL(AR.BASELINE_BURDENED_COST_ITD, 0)) ,
    SUM(NVL(AR.BASELINE_BURDENED_COST_YTD, 0)) , SUM(NVL(AR.BASELINE_BURDENED_COST_PP, 0)) ,
    SUM(NVL(AR.BASELINE_BURDENED_COST_PTD, 0)) , SUM(NVL(AR.ORIGINAL_RAW_COST_ITD, 0)) ,
    SUM(NVL(AR.ORIGINAL_RAW_COST_YTD, 0)) , SUM(NVL(AR.ORIGINAL_RAW_COST_PP, 0)) ,
    SUM(NVL(AR.ORIGINAL_RAW_COST_PTD, 0)) , SUM(NVL(AR.ORIGINAL_BURDENED_COST_ITD, 0)) ,
    SUM(NVL(AR.ORIGINAL_BURDENED_COST_YTD, 0)) , SUM(NVL(AR.ORIGINAL_BURDENED_COST_PP, 0)) ,
    SUM(NVL(AR.ORIGINAL_BURDENED_COST_PTD, 0)) , SUM(NVL(AR.BASELINE_QUANTITY_ITD, 0)) ,
    SUM(NVL(AR.BASELINE_QUANTITY_YTD, 0)) , SUM(NVL(AR.BASELINE_QUANTITY_PP, 0)) ,
    SUM(NVL(AR.BASELINE_QUANTITY_PTD, 0)) , SUM(NVL(AR.ORIGINAL_QUANTITY_ITD, 0)) ,
    SUM(NVL(AR.ORIGINAL_QUANTITY_YTD, 0)) , SUM(NVL(AR.ORIGINAL_QUANTITY_PP, 0)) ,
    SUM(NVL(AR.ORIGINAL_QUANTITY_PTD, 0)) , SUM(NVL(AR.ORIGINAL_LABOR_HOURS_ITD, 0)) ,
    SUM(NVL(AR.ORIGINAL_LABOR_HOURS_YTD, 0)) , SUM(NVL(AR.ORIGINAL_LABOR_HOURS_PP, 0)) ,
    SUM(NVL(AR.ORIGINAL_LABOR_HOURS_PTD, 0)) , SUM(NVL(AR.BASELINE_LABOR_HOURS_ITD, 0)) ,
    SUM(NVL(AR.BASELINE_LABOR_HOURS_YTD, 0)) , SUM(NVL(AR.BASELINE_LABOR_HOURS_PP, 0)) ,
    SUM(NVL(AR.BASELINE_LABOR_HOURS_PTD, 0)) , SUM(NVL(AR.BASELINE_RAW_COST_TOT, 0)) ,
    SUM(NVL(AR.BASELINE_BURDENED_COST_TOT, 0)) , SUM(NVL(AR.ORIGINAL_RAW_COST_TOT, 0)) ,
    SUM(NVL(AR.ORIGINAL_BURDENED_COST_TOT, 0)) , SUM(NVL(AR.ORIGINAL_LABOR_HOURS_TOT, 0)) ,
    SUM(NVL(AR.BASELINE_LABOR_HOURS_TOT, 0)) , SUM(NVL(AR.BASELINE_QUANTITY_TOT, 0)) ,
    SUM(NVL(AR.ORIGINAL_QUANTITY_TOT, 0)) FROM PA_ACCUM_RSRC_COST_BGT_BASE_V AR GROUP BY
    AR.PROJECT_ID, AR.TASK_ID, AR.RESOURCE_LIST_MEMBER_ID, AR.PARENT_MEMBER_ID, AR.BUDGET_TY
    PE_CODE, AR.RESOURCE_LIST_ASSIGNMENT_ID
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER	Refer to base table.
PARENT_MEMBER_ID	NULL	NUMBER	Refer to base table.

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Column Descriptions (Continued)

BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	Refer to base table.
RESOURCE_LIST_ASSIGNMENT_ID	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_PP	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_PP	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_TOT	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_TOT	NULL	NUMBER	Refer to base table.

## PA\_ACCUM\_RSRC\_REV\_BGT\_V

PA\_ACCUM\_RSRC\_REV\_BGT\_V is a reporting view that shows project- and task- level amounts, including original and baseline revenue, quantities, and labor hours for various revenue budget types. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts.

Project level rows have a zero task\_id. Task level rows have a task\_id that is greater than zero.

PA\_ACCUM\_RSRC\_REV\_BGT\_V is a summary view based on PA\_ACCUM\_RSRC\_REV\_BGT\_BASE\_V. This view has one row for each project- and task-level resource, where actuals have been summarized.

### View Definition

```
CREATE VIEW PA_ACCUM_RSRC_REV_BGT_V
as SELECT
    AR.PROJECT_ID , AR.TASK_ID , AR.RESOURCE_LIST_MEMBER_ID , AR.PARENT_MEMBER_ID ,
    AR.BUDGET_TYPE_CODE , AR.RESOURCE_LIST_ASSIGNMENT_ID , SUM(NVL(AR.BASELINE_REVENUE_ITD, 0)) ,
    SUM(NVL(AR.BASELINE_REVENUE_YTD, 0)) , SUM(NVL(AR.BASELINE_REVENUE_PP, 0)) ,
    SUM(NVL(AR.BASELINE_REVENUE_PTD, 0)) , SUM(NVL(AR.ORIGINAL_REVENUE_ITD, 0)) ,
    SUM(NVL(AR.ORIGINAL_REVENUE_YTD, 0)) , SUM(NVL(AR.ORIGINAL_REVENUE_PP, 0)) ,
    SUM(NVL(AR.ORIGINAL_REVENUE_PTD, 0)) , SUM(NVL(AR.BASELINE_QUANTITY_ITD, 0)) ,
    SUM(NVL(AR.BASELINE_QUANTITY_YTD, 0)) , SUM(NVL(AR.BASELINE_QUANTITY_PP, 0)) ,
    SUM(NVL(AR.BASELINE_QUANTITY_PTD, 0)) , SUM(NVL(AR.ORIGINAL_QUANTITY_ITD, 0)) ,
    SUM(NVL(AR.ORIGINAL_QUANTITY_YTD, 0)) , SUM(NVL(AR.ORIGINAL_QUANTITY_PP, 0)) ,
    SUM(NVL(AR.ORIGINAL_QUANTITY_PTD, 0)) , SUM(NVL(AR.ORIGINAL_LABOR_HOURS_ITD, 0)) ,
    SUM(NVL(AR.ORIGINAL_LABOR_HOURS_YTD, 0)) , SUM(NVL(AR.ORIGINAL_LABOR_HOURS_PP, 0)) ,
    SUM(NVL(AR.ORIGINAL_LABOR_HOURS_PTD, 0)) , SUM(NVL(AR.BASELINE_LABOR_HOURS_ITD, 0)) ,
    SUM(NVL(AR.BASELINE_LABOR_HOURS_YTD, 0)) , SUM(NVL(AR.BASELINE_LABOR_HOURS_PP, 0)) ,
    SUM(NVL(AR.BASELINE_LABOR_HOURS_PTD, 0)) , SUM(NVL(AR.BASELINE_REVENUE_TOT, 0)) ,
    SUM(NVL(AR.ORIGINAL_REVENUE_TOT, 0)) , SUM(NVL(AR.ORIGINAL_LABOR_HOURS_TOT, 0)) ,
    SUM(NVL(AR.BASELINE_LABOR_HOURS_TOT, 0)) , SUM(NVL(AR.BASELINE_QUANTITY_TOT, 0)) ,
    SUM(NVL(AR.ORIGINAL_QUANTITY_TOT, 0)) FROM PA_ACCUM_RSRC_REV_BGT_BASE_V AR GROUP BY
    AR.PROJECT_ID, AR.TASK_ID, AR.RESOURCE_LIST_MEMBER_ID, AR.PARENT_MEMBER_ID,
    AR.BUDGET_TYPE_CODE, AR.RESOURCE_LIST_ASSIGNMENT_ID
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER	Refer to base table.
PARENT_MEMBER_ID	NULL	NUMBER	Refer to base table.
BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	Refer to base table.
RESOURCE_LIST_ASSIGNMENT_ID	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_ITD	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_YTD	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_PP	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_PTD	NULL	NUMBER	Refer to base table.

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*Column Descriptions (Continued)*

ORIGINAL_REVENUE_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_PTD	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_PP	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.
BASLINE_QUANTITY_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_TOT	NULL	NUMBER	Refer to base table.

## PA\_ACCUM\_TXN\_TIME

PA\_ACCUM\_TXN\_TIME stores the timing statistics for the projects processed in the update or refresh projects summary processes. The profile PA: Log Summarization Statistics should be set to capture the timing statistics. The columns Attribute1 to Attribute20 have various values depending upon the context.

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER	The identifier of the project for which the time statistics are recorded
PROJECT_NUM	NOT NULL	VARCHAR2(25)	The project number for which the time statistics are recorded
REQUEST_ID	NOT NULL	NUMBER	The identifier of the concurrent request for which the time statistics are recorded
ATTRIBUTE1	NULL	DATE	Time statistics attribute 1
ATTRIBUTE2	NULL	DATE	Time statistics attribute 2
ATTRIBUTE3	NULL	DATE	Time statistics attribute 3
ATTRIBUTE4	NULL	DATE	Time statistics attribute 4
ATTRIBUTE5	NULL	DATE	Time statistics attribute 5
ATTRIBUTE6	NULL	DATE	Time statistics attribute 6
ATTRIBUTE7	NULL	DATE	Time statistics attribute 7
ATTRIBUTE8	NULL	DATE	Time statistics attribute 8
ATTRIBUTE9	NULL	DATE	Time statistics attribute 9
ATTRIBUTE10	NULL	DATE	Time statistics attribute 10
ATTRIBUTE11	NULL	DATE	Time statistics attribute 11
ATTRIBUTE12	NULL	DATE	Time statistics attribute 12
ATTRIBUTE13	NULL	DATE	Time statistics attribute 13
ATTRIBUTE14	NULL	DATE	Time statistics attribute 14
ATTRIBUTE15	NULL	DATE	Time statistics attribute 15
ATTRIBUTE16	NULL	DATE	Time statistics attribute 16
ATTRIBUTE17	NULL	DATE	Time statistics attribute 17
ATTRIBUTE18	NULL	DATE	Time statistics attribute 18
ATTRIBUTE19	NULL	DATE	Time statistics attribute 19
ATTRIBUTE20	NULL	DATE	Time statistics attribute 20

PA\_ACCUM\_WBS\_ACT\_V

PA\_ACCUM\_WBS\_ACT\_V is a reporting view that shows actual cost and revenue totals for projects and tasks. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts. The task names and numbers are indented to illustrate the task level and position in the work breakdown structure.

This view also displays basic task information, including task start and completion dates and task manager.

For each project, the view has one row with the project-level actuals. Project-level rows have a zero task\_id. Task-level rows have a task\_id that is greater than zero.

View Definition

```
CREATE VIEW PA_ACCUM_WBS_ACT_V
as SELECT
    PAH.PROJECT_ID , P.SEGMENT1 , P.NAME , PAH.TASK_ID , T.TASK_NUMBER , T.TASK_NAME , LPAD('
    ',2 * (T.WBS_LEVEL - 1))||T.TASK_NUMBER , LPAD(' ',2 * (T.WBS_LEVEL - 1))||T.TASK_NAME ,
    T.WBS_LEVEL , T.START_DATE , T.COMPLETION_DATE , T.TASK_MANAGER_PERSON_ID , PER.FULL_NAME ,
    NVL(PAA.RAW_COST_ITD, 0) , NVL(PAA.RAW_COST_YTD, 0) , NVL(PAA.RAW_COST_PP, 0) ,
    NVL(PAA.RAW_COST_PTD, 0) , NVL(PAA.BILLABLE_RAW_COST_ITD, 0) , NVL(PAA.BILLABLE_RAW_COST_YTD,
    0) , NVL(PAA.BILLABLE_RAW_COST_PP, 0) , NVL(PAA.BILLABLE_RAW_COST_PTD, 0) ,
    NVL(PAA.BURDENED_COST_ITD, 0) , NVL(PAA.BURDENED_COST_YTD, 0) , NVL(PAA.BURDENED_COST_PP, 0) ,
    NVL(PAA.BURDENED_COST_PTD, 0) , NVL(PAA.BILLABLE_BURDENED_COST_ITD, 0) ,
    NVL(PAA.BILLABLE_BURDENED_COST_YTD, 0) , NVL(PAA.BILLABLE_BURDENED_COST_PP, 0) ,
    NVL(PAA.BILLABLE_BURDENED_COST_PTD, 0) , NVL(PAA.LABOR_HOURS_ITD, 0) , NVL(PAA.LABOR_HOURS_YTD,
    0) , NVL(PAA.LABOR_HOURS_PP, 0) , NVL(PAA.LABOR_HOURS_PTD, 0) ,
    NVL(PAA.BILLABLE_LABOR_HOURS_ITD, 0) , NVL(PAA.BILLABLE_LABOR_HOURS_YTD, 0) ,
    NVL(PAA.BILLABLE_LABOR_HOURS_PP, 0) , NVL(PAA.BILLABLE_LABOR_HOURS_PTD, 0) ,
    NVL(PAA.REVENUE_ITD, 0) , NVL(PAA.REVENUE_YTD, 0) , NVL(PAA.REVENUE_PP, 0) ,
    NVL(PAA.REVENUE_PTD, 0) FROM PA_PROJECTS P , PA_TASKS T , PER_PEOPLE_F PER ,
    PA_PROJECT_ACCUM_HEADERS PAH , PA_PROJECT_ACCUM_ACTUALS PAA
    Where P.PROJECT_ID = PAH.PROJECT_ID AND PAH.TASK_ID >= 0 AND PAH.RESOURCE_LIST_ID = 0 AND
    PAH.PROJECT_ACCUM_ID = PAA.PROJECT_ACCUM_ID AND PAH.TASK_ID = T.TASK_ID (+) AND
    T.TASK_MANAGER_PERSON_ID = PER.PERSON_ID (+) AND TRUNC(SYSDATE) BETWEEN
    PER.EFFECTIVE_START_DATE (+) AND PER.EFFECTIVE_END_DATE (+) AND PER.EMPLOYEE_NUMBER (+) IS NOT
    NULL
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER		NULL VARCHAR2(25)	Refer to base table.
TASK_NAME		NULL VARCHAR2(20)	Refer to base table.
INDENTED_TASK_NUMBER		NULL VARCHAR2(4000)	Refer to base table.
INDENTED_TASK_NAME		NULL VARCHAR2(4000)	Refer to base table.



Column Descriptions (Continued)

WBS_LEVEL	NULL	NUMBER(3)	Refer to base table.
TASK_START_DATE	NULL	DATE	Refer to base table.
TASK_COMPLETION_DATE	NULL	DATE	Refer to base table.
TASK_MANAGER_PERSON_ID	NULL	NUMBER(9)	Refer to base table.
TASK_MANAGER_NAME	NULL	VARCHAR2(240)	Refer to base table.
RAW_COST_ITD	NULL	NUMBER	Refer to base table.
RAW_COST_YTD	NULL	NUMBER	Refer to base table.
RAW_COST_PP	NULL	NUMBER	Refer to base table.
RAW_COST_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_PP	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
ACTUALS_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
REVENUE_ITD	NULL	NUMBER	Refer to base table.
REVENUE_YTD	NULL	NUMBER	Refer to base table.
REVENUE_PP	NULL	NUMBER	Refer to base table.
REVENUE_PTD	NULL	NUMBER	Refer to base table.

## PA\_ACCUM\_WBS\_CMT\_V

PA\_ACCUM\_WBS\_CMT\_V is a reporting view that shows commitment totals for projects and tasks. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts. The task names and numbers are indented to illustrate the task level and position in the work breakdown structure.

This view also displays basic task information, including task start and completion dates and task manager.

For each project, the view has one row with the project-level actuals. Project-level rows have a zero task\_id. Task-level rows have a task\_id that is greater than zero.

### View Definition

```
CREATE VIEW PA_ACCUM_WBS_CMT_V
as SELECT
    PAH.PROJECT_ID , P.SEGMENT1 , P.NAME , PAH.TASK_ID , T.TASK_NUMBER , T.TASK_NAME , LPAD('
',2 * (T.WBS_LEVEL - 1))||T.TASK_NUMBER , LPAD(' ',2 * (T.WBS_LEVEL - 1))||T.TASK_NAME ,
T.WBS_LEVEL , T.START_DATE , T.COMPLETION_DATE , T.TASK_MANAGER_PERSON_ID , PER.FULL_NAME ,
NVL(PAC.CMT_RAW_COST_ITD, 0) , NVL(PAC.CMT_RAW_COST_YTD, 0) , NVL(PAC.CMT_RAW_COST_PP, 0) ,
NVL(PAC.CMT_RAW_COST_PTD, 0) , NVL(PAC.CMT_BURDENED_COST_ITD, 0) ,
NVL(PAC.CMT_BURDENED_COST_YTD, 0) , NVL(PAC.CMT_BURDENED_COST_PP, 0) ,
NVL(PAC.CMT_BURDENED_COST_PTD, 0) , NVL(PAC.CMT_QUANTITY_ITD, 0) , NVL(PAC.CMT_QUANTITY_YTD, 0)
, NVL(PAC.CMT_QUANTITY_PP, 0) , NVL(PAC.CMT_QUANTITY_PTD, 0) FROM PA_PROJECTS P , PA_TASKS T ,
PER_PERSON_F PER , PA_PROJECT_ACCUM_HEADERS PAH , PA_PROJECT_ACCUM_COMMITMENTS PAC
Where P.PROJECT_ID = PAH.PROJECT_ID AND PAH.TASK_ID >= 0 AND PAH.RESOURCE_LIST_ID = 0 AND
PAH.PROJECT_ACCUM_ID = PAC.PROJECT_ACCUM_ID AND PAH.TASK_ID = T.TASK_ID (+) AND
T.TASK_MANAGER_PERSON_ID = PER.PERSON_ID (+) AND TRUNC(SYSDATE) BETWEEN
PER.EFFECTIVE_START_DATE (+) AND PER.EFFECTIVE_END_DATE (+) AND PER.EMPLOYEE_NUMBER (+) IS NOT
NULL
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER	NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NULL	VARCHAR2(20)	Refer to base table.
INDENTED_TASK_NUMBER	NULL	VARCHAR2(4000)	Refer to base table.
INDENTED_TASK_NAME	NULL	VARCHAR2(4000)	Refer to base table.
WBS_LEVEL	NULL	NUMBER(3)	Refer to base table.
TASK_START_DATE	NULL	DATE	Refer to base table.
TASK_COMPLETION_DATE	NULL	DATE	Refer to base table.
TASK_MANAGER_PERSON_ID	NULL	NUMBER(9)	Refer to base table.
TASK_MANAGER_NAME	NULL	VARCHAR2(240)	Refer to base table.
CMT_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
CMT_RAW_COST_PP	NULL	NUMBER	Refer to base table.

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*Column Descriptions (Continued)*

CMT_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_ITD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_YTD	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_PP	NULL	NUMBER	Refer to base table.
CMT_QUANTITY_PTD	NULL	NUMBER	Refer to base table.

# PA\_ACCUM\_WBS\_COST\_BGT\_V

PA\_ACCUM\_WBS\_COST\_BGT\_V is a reporting view that shows original and baseline budget totals by cost budget type for projects and tasks. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts. The task names and numbers are indented to illustrate the task level and position in the work breakdown structure.

This view also displays basic task information, including task start and completion dates and task manager.

For each project, the view has one row with the project-level actuals. Project-level rows have a zero task\_id. Task-level rows have a task\_id that is greater than zero.

### View Definition

```
CREATE VIEW PA_ACCUM_WBS_COST_BGT_V
as SELECT
    PAH.PROJECT_ID , P.SEGMENT1 , P.NAME , PAH.TASK_ID , T.TASK_NUMBER , T.TASK_NAME , LPAD('
    ',2 * (T.WBS_LEVEL - 1))||T.TASK_NUMBER , LPAD(' ',2 * (T.WBS_LEVEL - 1))||T.TASK_NAME ,
    T.WBS_LEVEL , T.START_DATE , T.COMPLETION_DATE , T.TASK_MANAGER_PERSON_ID , PER.FULL_NAME ,
    PAB.BUDGET_TYPE_CODE , NVL(PAB.BASE_RAW_COST_ITD, 0) , NVL(PAB.BASE_RAW_COST_YTD, 0) ,
    NVL(PAB.BASE_RAW_COST_PP, 0) , NVL(PAB.BASE_RAW_COST_PTD, 0) , NVL(PAB.BASE_BURDENED_COST_ITD,
    0) , NVL(PAB.BASE_BURDENED_COST_YTD, 0) , NVL(PAB.BASE_BURDENED_COST_PP, 0) ,
    NVL(PAB.BASE_BURDENED_COST_PTD, 0) , NVL(PAB.ORIG_RAW_COST_ITD, 0) , NVL(PAB.ORIG_RAW_COST_YTD,
    0) , NVL(PAB.ORIG_RAW_COST_PP, 0) , NVL(PAB.ORIG_RAW_COST_PTD, 0) ,
    NVL(PAB.ORIG_BURDENED_COST_ITD, 0) , NVL(PAB.ORIG_BURDENED_COST_YTD, 0) ,
    NVL(PAB.ORIG_BURDENED_COST_PP, 0) , NVL(PAB.ORIG_BURDENED_COST_PTD, 0) ,
    NVL(PAB.ORIG_LABOR_HOURS_ITD, 0) , NVL(PAB.ORIG_LABOR_HOURS_YTD, 0) ,
    NVL(PAB.ORIG_LABOR_HOURS_PP, 0) , NVL(PAB.ORIG_LABOR_HOURS_PTD, 0) ,
    NVL(PAB.BASE_LABOR_HOURS_ITD, 0) , NVL(PAB.BASE_LABOR_HOURS_YTD, 0) ,
    NVL(PAB.BASE_LABOR_HOURS_PP, 0) , NVL(PAB.BASE_LABOR_HOURS_PTD, 0) , NVL(PAB.BASE_RAW_COST_TOT,
    0) , NVL(PAB.BASE_BURDENED_COST_TOT, 0) , NVL(PAB.ORIG_RAW_COST_TOT, 0) ,
    NVL(PAB.ORIG_BURDENED_COST_TOT, 0) , NVL(PAB.ORIG_LABOR_HOURS_TOT, 0) ,
    NVL(PAB.BASE_LABOR_HOURS_TOT, 0) FROM PA_PROJECTS P , PA_TASKS T , PER_PEOPLE_F PER ,
    PA_PROJECT_ACCUM_HEADERS PAH , PA_PROJECT_ACCUM_BUDGETS PAB , PA_BUDGET_TYPES BT
    Where P.PROJECT_ID = PAH.PROJECT_ID AND PAH.TASK_ID >= 0 AND PAH.RESOURCE_LIST_ID = 0 AND
    PAH.PROJECT_ACCUM_ID = PAB.PROJECT_ACCUM_ID AND PAB.BUDGET_TYPE_CODE = BT.BUDGET_TYPE_CODE AND
    BT.BUDGET_AMOUNT_CODE = 'C' AND PAH.TASK_ID = T.TASK_ID (+) AND T.TASK_MANAGER_PERSON_ID =
    PER.PERSON_ID (+) AND TRUNC(SYSDATE) BETWEEN PER.EFFECTIVE_START_DATE (+) AND
    PER.EFFECTIVE_END_DATE (+) AND PER.EMPLOYEE_NUMBER (+) IS NOT NULL
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER		NULL VARCHAR2(25)	Refer to base table.
TASK_NAME		NULL VARCHAR2(20)	Refer to base table.

Column Descriptions (Continued)

INDENTED_TASK_NUMBER	NULL	VARCHAR2(4000)	Refer to base table.
INDENTED_TASK_NAME	NULL	VARCHAR2(4000)	Refer to base table.
WBS_LEVEL	NULL	NUMBER(3)	Refer to base table.
TASK_START_DATE	NULL	DATE	Refer to base table.
TASK_COMPLETION_DATE	NULL	DATE	Refer to base table.
TASK_MANAGER_PERSON_ID	NULL	NUMBER(9)	Refer to base table.
TASK_MANAGER_NAME	NULL	VARCHAR2(240)	Refer to base table.
BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
BASLINE_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_PP	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASLINE_RAW_COST_TOT	NULL	NUMBER	Refer to base table.
BASLINE_BURDENED_COST_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_RAW_COST_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_BURDENED_COST_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.

PA\_ACCUM\_WBS\_REV\_BGT\_V

PA\_ACCUM\_WBS\_REV\_BGT\_V is a reporting view that shows original and baseline budget totals by revenue budget type for projects and tasks. The summary amounts reported in this view include period-to-date, prior-period, year-to-date, and inception-to-date amounts. The task names and numbers are indented to illustrate the task level and position in the work breakdown structure.

This view also displays basic task information, including task start and completion dates and task manager.

For each project, the view has one row with the project-level actuals. Project-level rows have a zero task\_id. Task-level rows have a task\_id that is greater than zero.

View Definition

```
CREATE VIEW PA_ACCUM_WBS_REV_BGT_V
as SELECT
    PAH.PROJECT_ID , P.SEGMENT1 , P.NAME , PAH.TASK_ID , T.TASK_NUMBER , T.TASK_NAME , LPAD('
    ',2 * (T.WBS_LEVEL - 1))||T.TASK_NUMBER , LPAD(' ',2 * (T.WBS_LEVEL - 1))||T.TASK_NAME ,
    T.WBS_LEVEL , T.START_DATE , T.COMPLETION_DATE , T.TASK_MANAGER_PERSON_ID , PER.FULL_NAME ,
    PAB.BUDGET_TYPE_CODE , NVL(PAB.BASE_REVENUE_ITD, 0) , NVL(PAB.BASE_REVENUE_YTD, 0) ,
    NVL(PAB.BASE_REVENUE_PP, 0) , NVL(PAB.BASE_REVENUE_PTD, 0) , NVL(PAB.ORIG_REVENUE_ITD, 0) ,
    NVL(PAB.ORIG_REVENUE_YTD, 0) , NVL(PAB.ORIG_REVENUE_PP, 0) , NVL(PAB.ORIG_REVENUE_PTD, 0) ,
    NVL(PAB.ORIG_LABOR_HOURS_ITD, 0) , NVL(PAB.ORIG_LABOR_HOURS_YTD, 0) ,
    NVL(PAB.ORIG_LABOR_HOURS_PP, 0) , NVL(PAB.ORIG_LABOR_HOURS_PTD, 0) ,
    NVL(PAB.BASE_LABOR_HOURS_ITD, 0) , NVL(PAB.BASE_LABOR_HOURS_YTD, 0) ,
    NVL(PAB.BASE_LABOR_HOURS_PP, 0) , NVL(PAB.BASE_LABOR_HOURS_PTD, 0) , NVL(PAB.BASE_REVENUE_TOT,
    0) , NVL(PAB.ORIG_REVENUE_TOT, 0) , NVL(PAB.ORIG_LABOR_HOURS_TOT, 0) ,
    NVL(PAB.BASE_LABOR_HOURS_TOT, 0) FROM PA_PROJECTS P , PA_TASKS T , PER_PEOPLE_F PER ,
    PA_PROJECT_ACCUM_HEADERS PAH , PA_PROJECT_ACCUM_BUDGETS PAB , PA_BUDGET_TYPES BT
    Where P.PROJECT_ID = PAH.PROJECT_ID AND PAH.TASK_ID >= 0 AND PAH.RESOURCE_LIST_ID = 0 AND
    PAH.PROJECT_ACCUM_ID = PAB.PROJECT_ACCUM_ID AND PAB.BUDGET_TYPE_CODE = BT.BUDGET_TYPE_CODE AND
    BT.BUDGET_AMOUNT_CODE = 'R' AND PAH.TASK_ID = T.TASK_ID (+) AND T.TASK_MANAGER_PERSON_ID =
    PER.PERSON_ID (+) AND TRUNC(SYSDATE) BETWEEN PER.EFFECTIVE_START_DATE (+) AND
    PER.EFFECTIVE_END_DATE (+) AND PER.EMPLOYEE_NUMBER (+) IS NOT NULL
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER		NULL VARCHAR2(25)	Refer to base table.
TASK_NAME		NULL VARCHAR2(20)	Refer to base table.
INDENTED_TASK_NUMBER		NULL VARCHAR2(4000)	Refer to base table.
INDENTED_TASK_NAME		NULL VARCHAR2(4000)	Refer to base table.
WBS_LEVEL		NULL NUMBER(3)	Refer to base table.
TASK_START_DATE		NULL DATE	Refer to base table.
TASK_COMPLETION_DATE		NULL DATE	Refer to base table.

Column Descriptions (Continued)

TASK_MANAGER_PERSON_ID	NULL	NUMBER(9)	Refer to base table.
TASK_MANAGER_NAME	NULL	VARCHAR2(240)	Refer to base table.
BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
BASLINE_REVENUE_ITD	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_YTD	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_PP	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_PTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_ITD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_YTD	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_PP	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_PTD	NULL	NUMBER	Refer to base table.
BASLINE_REVENUE_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_REVENUE_TOT	NULL	NUMBER	Refer to base table.
ORIGINAL_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.
BASLINE_LABOR_HOURS_TOT	NULL	NUMBER	Refer to base table.

# PA\_ACT\_BY\_GL\_PERIOD\_V

PA\_ACT\_BY\_GL\_PERIOD\_V displays actual cost and revenue totals for lowest level tasks and resources by GL periods. The view is mainly used by external project management systems that import actuals from Oracle Projects .

View Definition

```
CREATE VIEW PA_ACT_BY_GL_PERIOD_V
as SELECT
    RAD.PROJECT_ID
    , RAD.TASK_ID
    , RAD.RESOURCE_LIST_MEMBER_ID
    , RAD.RESOURCE_LIST_ID
    , TA.GL_PERIOD
    , PS.START_DATE
    , PS.END_DATE
    , SUM(NVL(TA.TOT_REVENUE, 0))
    , SUM(NVL(TA.TOT_RAW_COST, 0))
    , SUM(NVL(TA.TOT_BILLABLE_RAW_COST, 0))
    , SUM(NVL(TA.TOT_BURDENED_COST, 0))
    , SUM(NVL(TA.TOT_BILLABLE_BURDENED_COST, 0))
    , SUM(NVL(TA.TOT_QUANTITY, 0))
    , SUM(NVL(TA.TOT_LABOR_HOURS, 0))
    , SUM(NVL(TA.TOT_BILLABLE_RAW_COST, 0))
    , SUM(NVL(TA.TOT_BILLABLE_BURDENED_COST, 0))
    , SUM(NVL(TA.TOT_BILLABLE_QUANTITY, 0))
    , SUM(NVL(TA.TOT_BILLABLE_LABOR_HOURS, 0))
FROM
    PA_RESOURCE_ACCUM_DETAILS RAD
    , PA_TXN_ACCUM TA
    , GL_PERIOD_STATUSES PS
    , PA_IMPLEMENTATIONS I
WHERE
    RAD.TXN_ACCUM_ID = TA.TXN_ACCUM_ID
    AND PS.APPLICATION_ID = 101
    AND PS.SET_OF_BOOKS_ID = I.SET_OF_BOOKS_ID
    AND PS.PERIOD_NAME = TA.GL_PERIOD
    AND PS.ADJUSTMENT_PERIOD_FLAG = 'N'
GROUP BY
    RAD.PROJECT_ID, RAD.TASK_ID, RAD.RESOURCE_LIST_MEMBER_ID,
    RAD.RESOURCE_LIST_ID, TA.GL_PERIOD, PS.START_DATE, PS.END_DATE
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Refer to base table.
GL_PERIOD_NAME	NOT NULL	VARCHAR2(15)	Refer to base table.
PERIOD_START_DATE	NOT NULL	DATE	Refer to base table.
PERIOD_END_DATE	NOT NULL	DATE	Refer to base table.
REVENUE	NULL	NUMBER	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
RAW_COST	NULL	NUMBER	Refer to base table.
CAPITAL_RAW_COST	NULL	NUMBER	Refer to base table.
BURDENED_COST	NULL	NUMBER	Refer to base table.
CAPITAL_BURDENED_COST	NULL	NUMBER	Refer to base table.
QUANTITY	NULL	NUMBER	Refer to base table.
LABOR_HOURS	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS	NULL	NUMBER	Refer to base table.

# PA\_ACT\_BY\_PA\_PERIOD\_V

PA\_ACT\_BY\_PA\_PERIOD\_V displays actual cost and revenue totals for lowest level tasks and resources by PA periods. The view is mainly used by external project management systems that import actuals from Oracle Projects .

### View Definition

```
CREATE VIEW PA_ACT_BY_PA_PERIOD_V
as SELECT
    RAD.PROJECT_ID
    , RAD.TASK_ID
    , RAD.RESOURCE_LIST_MEMBER_ID
    , RAD.RESOURCE_LIST_ID
    , TA.PA_PERIOD
    , PER.START_DATE
    , PER.END_DATE
    , SUM(NVL(TA.TOT_REVENUE, 0))
    , SUM(NVL(TA.TOT_RAW_COST, 0))
    , SUM(NVL(TA.TOT_BILLABLE_RAW_COST, 0))
    , SUM(NVL(TA.TOT_BURDENED_COST, 0))
    , SUM(NVL(TA.TOT_BILLABLE_BURDENED_COST, 0))
    , SUM(NVL(TA.TOT_QUANTITY, 0))
    , SUM(NVL(TA.TOT_LABOR_HOURS, 0))
    , SUM(NVL(TA.TOT_BILLABLE_RAW_COST, 0))
    , SUM(NVL(TA.TOT_BILLABLE_BURDENED_COST, 0))
    , SUM(NVL(TA.TOT_BILLABLE_QUANTITY, 0))
    , SUM(NVL(TA.TOT_BILLABLE_LABOR_HOURS, 0))
FROM
    PA_RESOURCE_ACCUM_DETAILS RAD
    , PA_TXN_ACCUM TA
    , PA_PERIODS PER
WHERE
    RAD.TXN_ACCUM_ID = TA.TXN_ACCUM_ID
AND TA.PA_PERIOD = PER.PERIOD_NAME
GROUP BY
    RAD.PROJECT_ID, RAD.TASK_ID, RAD.RESOURCE_LIST_MEMBER_ID,
    RAD.RESOURCE_LIST_ID, TA.PA_PERIOD, PER.START_DATE, PER.END_DATE
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Refer to base table.
PA_PERIOD_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
PERIOD_START_DATE	NOT NULL	DATE	Refer to base table.
PERIOD_END_DATE	NOT NULL	DATE	Refer to base table.
REVENUE	NULL	NUMBER	Refer to base table.
RAW_COST	NULL	NUMBER	Refer to base table.
CAPITAL_RAW_COST	NULL	NUMBER	Refer to base table.
BURDENED_COST	NULL	NUMBER	Refer to base table.
CAPITAL_BURDENED_COST	NULL	NUMBER	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
QUANTITY	NULL	NUMBER	Refer to base table.
LABOR_HOURS	NULL	NUMBER	Refer to base table.
BILLABLE_RAW_COST	NULL	NUMBER	Refer to base table.
BILLABLE_BURDENED_COST	NULL	NUMBER	Refer to base table.
BILLABLE_QUANTITY	NULL	NUMBER	Refer to base table.
BILLABLE_LABOR_HOURS	NULL	NUMBER	Refer to base table.

## PA\_AGREEMENTS\_ALL

PA\_AGREEMENTS\_ALL stores information about legally binding documents from customers that serve as the basis of work authorization for projects.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_AGREEMENT_TYPES	AGREEMENT_TYPE	AGREEMENT_TYPE
PER_ALL_PEOPLE_F	PERSON_ID	OWNED_BY_PERSON_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
RA_TERMS_B	TERM_ID	TERM_ID

### Column Descriptions

Name	Null?	Type	Description
AGREEMENT_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the agreement
CUSTOMER_ID	NOT NULL	NUMBER(15)	The identifier of the customer who is authorizing the agreement
AGREEMENT_NUM	NOT NULL	VARCHAR2(20)	The user-entered number that identifies the agreement
AGREEMENT_TYPE	NOT NULL	VARCHAR2(30)	The agreement type that classifies the agreement
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
OWNED_BY_PERSON_ID	NOT NULL	NUMBER(9)	The identifier of the person that enters and owns the agreement
TERM_ID	NOT NULL	NUMBER(15)	The identifier of the payment term which specifies the schedule on which the invoices funded by this agreement are to be paid
REVENUE_LIMIT_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether revenue and invoices for projects funded by this agreement can exceed the allocated funding amount
AMOUNT	NOT NULL	NUMBER(22,5)	The amount of revenue authorized for the agreement
DESCRIPTION	NULL	VARCHAR2(240)	The free text description to describe the agreement
EXPIRATION_DATE	NULL	DATE	Date on which the agreement expires
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
TEMPLATE_FLAG	NULL	VARCHAR2(1)	Indicates if agreement template is used in Quick Agreement functionality of project templates
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

Indexes

Index Name	Index Type	Sequence	Column Name
PA_AGREEMENTS_N1	NOT UNIQUE	1	OWNED_BY_PERSON_ID
PA_AGREEMENTS_U1	UNIQUE	1	AGREEMENT_ID
PA_AGREEMENTS_U2	UNIQUE	1	CUSTOMER_ID
		2	AGREEMENT_NUM
		3	AGREEMENT_TYPE
		5	ORG_ID

Sequences

Sequence	Derived Column
PA_AGREEMENTS_S	AGREEMENT_ID

## PA\_AGREEMENT\_TYPES

PA\_AGREEMENT\_TYPES stores implementation-defined classifications of agreements. Two examples of agreement types are Purchase Order and Service Agreement.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RA_TERMS_B	TERM_ID	TERM_ID

### Column Descriptions

Name	Null?	Type	Description
AGREEMENT_TYPE (PK)	NOT NULL	VARCHAR2(30)	Implementation-defined name that uniquely identifies the agreement 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
REVENUE_LIMIT_FLAG	NOT NULL	VARCHAR2(1)	Default flag to agreements that indicates whether revenue and invoices for projects funded by the agreement can exceed the allocated funding amount
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the agreement type
END_DATE_ACTIVE	NULL	DATE	Last effective date of the agreement type
DESCRIPTION	NULL	VARCHAR2(250)	Explanation of the agreement type
TERM_ID	NULL	NUMBER(15)	The identifier of the payment term that defaults to agreements and specifies the schedule on which invoices funded by the agreement are to be paid
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	
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.

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
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*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
PA_AGREEMENT_TYPES_U1	UNIQUE	1	AGREEMENT_TYPE

## PA\_ALLOC\_EXCEPTIONS

PA\_ALLOC\_EXCEPTIONS stores all exceptions in an allocation run.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RULES_ALL	RULE_ID	RULE_ID
PA_ALLOC_RUNS_ALL	RUN_ID	RUN_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCEPTION_TYPE	ALLOC_EXCEPTION_TYPE	PA_LOOKUPS
	E	Error
	W	Warning
LEVEL_CODE	ALLOC_EXCEPTION_LEVEL	PA_LOOKUPS
	B	Basis
	O	Offset
	R	Rule
	S	Source
	T	Target

### Column Descriptions

Name	Null?	Type	Description
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
RULE_ID	NOT NULL	NUMBER	Allocation rule identification number
LEVEL_CODE	NOT NULL	VARCHAR2(1)	It can be R(rule), S(source), T(target), B (basis) or O(offset)
EXCEPTION_TYPE	NOT NULL	VARCHAR2(1)	Exception type. It can be W(warning) or E(error)
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	NULL	NUMBER(15)	Standard Who Column
PROJECT_ID	NULL	NUMBER	Project ID
TASK_ID	NULL	NUMBER	Task ID
EXCEPTION_CODE	NULL	VARCHAR2(30)	Exception code to indicate exceptions

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_EXCEPTIONS_N1	NOT UNIQUE	1	RUN_ID
		2	LEVEL_CODE
		3	EXCEPTION_TYPE

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## PA\_ALLOC\_GL\_LINES

PA\_ALLOC\_GL\_LINES stores allocation source lines that are related to GL accounts.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SOURCE_CCID
PA_ALLOC_RULES_ALL	RULE_ID	RULE_ID

### Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER	Allocation rule identification number
LINE_NUM (PK)	NOT NULL	NUMBER	Line Number of the source line
SOURCE_CCID	NOT NULL	NUMBER	Code combination id for GL account
SUBTRACT_FLAG	NOT NULL	VARCHAR2(1)	The flag indicates whether the GL account balance is subtracted. Y means subtracted
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	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		NUMBER(15)	Standard Who Column
SOURCE_PERCENT		NUMBER	Percentage of account balance to be considered

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_GL_LINES_N1	NOT UNIQUE	1	RULE_ID
		2	SUBTRACT_FLAG
PA_ALLOC_GL_LINES_U1	UNIQUE	1	RULE_ID
		2	LINE_NUM

## PA\_ALLOC\_MISSING\_COSTS

PA\_ALLOC\_MISSING\_COSTS stores missing costs information for an allocation run. This is applicable only for incremental allocation runs.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RUNS_ALL	RUN_ID	RUN_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TYPE_CODE	ALLOC_MISSING_AMT_TYPE	PA_LOOKUPS
	O	Offset
	S	Source
	T	Target

### Column Descriptions

Name	Null?	Type	Description
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
TYPE_CODE	NOT NULL	VARCHAR2(1)	Missing costs type. It can be S(Source),T(Target) or O(Offset)
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	NULL	NUMBER(15)	Standard Who Column
PROJECT_ID	NOT NULL	NUMBER	Project identification number
TASK_ID	NOT NULL	NUMBER	Task identification number
AMOUNT	NULL	NUMBER	Missing amount from project/task

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_MISSING_COSTS_N1	NOT UNIQUE	1	RUN_ID
		2	TYPE_CODE

## PA\_ALLOC\_RESOURCES

PA\_ALLOC\_RESOURCES stores resources and percentages for each allocation rule. This table stores both the basis resources and and source resources defined for an allocation rule.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RULES_ALL	RULE_ID	RULE_ID

### Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER	Allocation rule identification number
MEMBER_TYPE (PK)	NOT NULL	VARCHAR2(1)	Resource list member type. It can be S(source) or B(basis)
RESOURCE_LIST_MEMBER_ID (PK)	NOT NULL	NUMBER	Resource list member id
EXCLUDE_FLAG	NOT NULL	VARCHAR2(1)	The flag indicates whether to exclude returned projects
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	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		NUMBER(15)	Standard Who Column
TARGET_EXPND_TYPE		VARCHAR2(30)	Unused
OFFSET_EXPND_TYPE		VARCHAR2(30)	Unused
RESOURCE_PERCENTAGE		NUMBER	Percentage of the resource amount to be used for allocation

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_RESOURCES_N1	NOT UNIQUE	1	RULE_ID
		2	MEMBER_TYPE
		3	EXCLUDE_FLAG
PA_ALLOC_RESOURCES_U1	UNIQUE	1	RULE_ID
		2	MEMBER_TYPE
		3	RESOURCE_LIST_MEMBER_ID

## PA\_ALLOC\_RULES\_ALL

PA\_ALLOC\_RULES\_ALL stores the information related to an allocation rule.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	TARGET_EXP_TYPE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	OFFSET_EXP_TYPE
PA_PROJECTS_ALL	PROJECT_ID	OFFSET_PROJECT_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	ALLOC_RESOURCE_LIST_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	BASIS_RESOURCE_LIST_ID
PA_SYSTEM_LINKAGES	FUNCTION	OFFSET_EXP_TYPE_CLASS
PA_SYSTEM_LINKAGES	FUNCTION	TARGET_EXP_TYPE_CLASS
PA_TASKS	TASK_ID	OFFSET_TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOCATION_METHOD	ALLOC_ALLOCATION_METHOD F I	PA_LOOKUPS Full Allocation Incremental Allocation
BASIS_AMOUNT_TYPE	ALLOC_AMOUNT_TYPE FYTD ITD PTD QTD	PA_LOOKUPS FYTD ITD PTD QTD
BASIS_BALANCE_CATEGORY	ALLOCT_BALANCE_CATEGORY A B	PA_LOOKUPS Actuals Budgets
BASIS_BALANCE_TYPE	ALLOC_ACTUAL_BASIS_BAL_TYPE TOT_BILLABLE_BURDENED_COST TOT_BILLABLE_RAW_COST TOT_BURDENED_COST TOT_LABOR_HOURS TOT_QUANTITY TOT_RAW_COST	PA_LOOKUPS Total Billable/Capitalizable Burdened Cost Total Billable/Capitalizable Raw Cost Total Burdened Cost Total Labor Hours Total Quantity Total Raw Cost
BASIS_METHOD	ALLOC_BASIS_METHOD C FP FS P S	PA_LOOKUPS Use Client Extension Basis Target % and Prorate Target % and Spread Evenly Prorate Spread Evenly
LIMIT_TARGET_PROJECTS_CODE	LIMIT_TARGET_PROJECTS_CODE B L O	PA_LOOKUPS Business group Legal entity Operating unit
OFFSET_COST_TYPE	ALLOC_COST_TYPE B R	PA_LOOKUPS Burdened Cost Raw Cost
SOURCE_AMOUNT_TYPE	ALLOC_AMOUNT_TYPE	PA_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	FYTD	FYTD
	ITD	ITD
	PTD	PTD
	QTD	QTD
SOURCE_BALANCE_TYPE	ALLOC_ACTUAL_SOURCE_BAL_TYPE	PA_LOOKUPS
	TOT_BILLABLE_BURDENED_COST	Total Billable/Capitalizable Burdened Cost
	TOT_BILLABLE_RAW_COST	Total Billable/Capitalizable Raw Cost
	TOT_BURDENED_COST	Total Burdened Cost
	TOT_RAW_COST	Total Raw Cost
TARGET_COST_TYPE	ALLOC_COST_TYPE	PA_LOOKUPS
	B	Burdened Cost
	R	Raw Cost

Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER	Allocation rule identification number
RULE_NAME	NOT NULL	VARCHAR2(60)	Allocation rule name
ALLOCATION_METHOD	NOT NULL	VARCHAR2(1)	Allocation method It can be F (full allocation) or I (incremental allocation)
TARGET_EXP_TYPE_CLASS	NOT NULL	VARCHAR2(30)	Expenditure type class of allocation transactions
TARGET_EXP_ORG_ID	NOT NULL	NUMBER	Expenditure organization of allocation transactions
TARGET_EXP_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of allocation transactions
TARGET_COST_TYPE	NOT NULL	VARCHAR2(1)	Cost type of allocation transactions It can be R(raw) or B (burdened)
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	NULL	NUMBER(15)	Standard Who Column
DESCRIPTION	NULL	VARCHAR2(240)	Allocation rule description
POOL_PERCENT	NULL	NUMBER	Allocation percentage specified at rule level
PERIOD_TYPE	NULL	VARCHAR2(2)	Period type of GL (General Ledger) or PA (Oracle Projects)
SOURCE_AMOUNT_TYPE	NULL	VARCHAR2(4)	If the period type is PA, source_amount_type can be ITD or PTD If the period type is GL, source _amount_type can be FYTD, QTD, or PTD
SOURCE_BALANCE_CATEGORY	NULL	VARCHAR2(1)	Source balance category A (Actuals) is only supported
SOURCE_BALANCE_TYPE	NULL	VARCHAR2(30)	Source balance type If the source category is actual, then actual balance type can be TOT_RAW_COST, TOT_BURDENED_COST, TOT_BILLABLE_RAW_COST or TOT_BILLABLE_BURDENED_COST
ALLOC_RESOURCE_LIST_ID	NOT NULL	NUMBER	Resource List Identifier

Column Descriptions (Continued)

Name	Null?	Type	Description
AUTO_RELEASE_FLAG	NULL	VARCHAR2(1)	The flag indicates whether to create expenditure items automatically Y means release automatically
IMP_WITH_EXCEPTION	NULL	VARCHAR2(1)	Default to N Not currently used
DUP_TARGETS_FLAG	NULL	VARCHAR2(1)	The flag indicates whether to allow duplicate target projects and tasks Y means to allow duplicate target projects and tasks
OFFSET_EXP_TYPE_CLASS	NOT NULL	VARCHAR2(30)	Expenditure type class of offset transactions
OFFSET_EXP_ORG_ID	NULL	NUMBER	Expenditure organization id of offset transactions
OFFSET_EXP_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of offset transactions
OFFSET_COST_TYPE	NULL	VARCHAR2(1)	Cost type of offset transactions It can be B (burdened) or R (raw)
OFFSET_METHOD	NULL	VARCHAR2(1)	Offset method It can be N (none), A (source project and task), B (source project, use client extension for task), C (specific project and task) or D (use client extension for project and task)
OFFSET_PROJECT_ID	NOT NULL	NUMBER	Offset project id
OFFSET_TASK_ID	NOT NULL	NUMBER	Offset task id
BASIS_METHOD	NULL	VARCHAR2(2)	Basis method It can be S (spread evenly), P (prorate), C (use client extension basis), FS (target% and spread evenly) or FP (target% and prorate)
BASIS_RELATIVE_PERIOD	NULL	NUMBER	Relative basis period
BASIS_AMOUNT_TYPE	NULL	VARCHAR2(4)	If the period type is PA, source_amount_type can be ITD or PTD If the period type is GL, source_amount_type can be FYTD, QTD, or PTD
BASIS_BALANCE_CATEGORY	NULL	VARCHAR2(1)	Basis balance category It can be A (actuals) or B (budgets)
BASIS_BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	Basis budget type code
BASIS_BUDGET_ENTRY_METHOD_CODE	NULL	VARCHAR2(30)	Basis budget entry method code Not in use
BASIS_BALANCE_TYPE	NULL	VARCHAR2(30)	Basis balance type If basis category is actual, then actual balance type can be TOT_RAW_COST, TOT_BURDENED_COST, TOT_BILLABLE_RAW_COST, TOT_BILLABLE_BURDENED_COST, TOT_QUANTITY or TOT_LABOR_HOURS If the basis category is budget, then budget balance type c
BASIS_RESOURCE_LIST_ID	NOT NULL	NUMBER	Basis resource list identifier
SOURCE_EXTN_FLAG	NULL	VARCHAR2(1)	The flag indicates whether source extension exists Y means exist
TARGET_EXTN_FLAG	NULL	VARCHAR2(1)	The flag indicates whether target client extension exists Y means exist
FIXED_AMOUNT	NULL	NUMBER	Fixed source amount

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Column Descriptions (Continued)

Name	Null?	Type	Description
START_DATE_ACTIVE	NULL	DATE	The date when the rule becomes effective
END_DATE_ACTIVE	NULL	DATE	The date when the rule becomes ineffective
ORG_ID	NULL	NUMBER	Operating unit identifier for multi_organization installations
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield context field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column
LIMIT_TARGET_PROJECTS_CODE	NOT NULL	VARCHAR2(1)	Business organization level code that limits the selection of target projects

Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_RULES_U1	UNIQUE	1	RULE_ID
PA_ALLOC_RULES_U2	UNIQUE	1	RULE_NAME

## PA\_ALLOC\_RUNS\_ALL

PA\_ALLOC\_RUNS\_ALL stores all the information for an allocation run.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RULES_ALL	RULE_ID	RULE_ID
PA_PERIODS_ALL	PERIOD_NAME	RUN_PERIOD

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOCATION_METHOD	ALLOC_ALLOCATION_METHOD F I	PA_LOOKUPS Full Allocation Incremental Allocation
BASIS_AMOUNT_TYPE	ALLOC_AMOUNT_TYPE FYTD ITD PTD QTD	PA_LOOKUPS FYTD ITD PTD QTD
BASIS_BALANCE_CATEGORY	ALLOCT_BALANCE_CATEGORY A B	PA_LOOKUPS Actuals Budgets
BASIS_BALANCE_TYPE	ALLOC_ACTUAL_BASIS_BAL_TYPE TOT_BILLABLE_BURDENED_COST TOT_BILLABLE_RAW_COST TOT_BURDENED_COST TOT_LABOR_HOURS TOT_QUANTITY TOT_RAW_COST	PA_LOOKUPS Total Billable/Capitalizable Burdened Cost Total Billable/Capitalizable Raw Cost Total Burdened Cost Total Labor Hours Total Quantity Total Raw Cost
BASIS_METHOD	ALLOC_BASIS_METHOD C FP FS P S	PA_LOOKUPS Use Client Extension Basis Target % and Prorate Target % and Spread Evenly Prorate Spread Evenly
LIMIT_TARGET_PROJECTS_CODE	LIMIT_TARGET_PROJECTS_CODE B L O	PA_LOOKUPS Business group Legal entity Operating unit
OFFSET_COST_TYPE	ALLOC_COST_TYPE B R	PA_LOOKUPS Burdened Cost Raw Cost
RUN_STATUS	ALLOC_RUN_STATUS DF DS IP RF RS RV	PA_LOOKUPS Draft Failure Draft Success In Process Release Failure Release Success Reversed
SOURCE_AMOUNT_TYPE	ALLOC_AMOUNT_TYPE	PA_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	FYTD	FYTD
	ITD	ITD
	PTD	PTD
	QTD	QTD
SOURCE_BALANCE_TYPE	ALLOC_ACTUAL_SOURCE_BAL_TYPE	PA_LOOKUPS
	TOT_BILLABLE_BURDENED_COST	Total Billable/Capitalizable Burdened Cost
	TOT_BILLABLE_RAW_COST	Total Billable/Capitalizable Raw Cost
	TOT_BURDENED_COST	Total Burdened Cost
	TOT_RAW_COST	Total Raw Cost
TARGET_COST_TYPE	ALLOC_COST_TYPE	PA_LOOKUPS
	B	Burdened Cost
	R	Raw Cost

Column Descriptions

Name	Null?	Type	Description
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
RULE_ID	NOT NULL	NUMBER	Allocation rule identification number
RUN_PERIOD	NOT NULL	VARCHAR2(15)	Run period name
EXPND_ITEM_DATE	NOT NULL	DATE	Expenditure item date for an allocation run
DENOM_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Denomination currency code
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		NUMBER(15)	Standard Who Column
FIXED_AMOUNT	NULL	NUMBER	Fixed amount
POOL_PERCENT	NULL	NUMBER	Allocation percentage specified at rule level
PERIOD_TYPE	NULL	VARCHAR2(2)	Period type of GL (General Ledger) or PA (Oracle Projects)
SOURCE_AMOUNT_TYPE	NULL	VARCHAR2(4)	If the period type is PA , source_amount_type can be ITD or PTD. If the period type is GL, source_amount_type can be FYTD, QTD, or PTD
SOURCE_BALANCE_CATEGORY	NULL	VARCHAR2(1)	Source balance category. It can only be A(actuals)
SOURCE_BALANCE_TYPE	NULL	VARCHAR2(30)	Source balance type. If the source category is actual , then actual balance type can be TOT_RAW_COST, TOT_BURDENED_COST, TOT_BILLABLE_RAW_COST or TOT_BILLABLE_BURDENED_COST
ALLOC_RESOURCE_LIST_ID	NULL	NUMBER	Resource list member id
AUTO_RELEASE_FLAG	NULL	VARCHAR2(1)	The flag indicates whether to create expenditure items automatically. Y means release automatically
ALLOCATION_METHOD	NULL	VARCHAR2(1)	Allocation method. It can be F(full) or I(incremental)
IMP_WITH_EXCEPTION	NULL	VARCHAR2(1)	Default to N. Not currently used

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Column Descriptions (Continued)

Name	Null?	Type	Description
DUP_TARGETS_FLAG	NULL	VARCHAR2(1)	The flag indicates whether to allow duplicate target projects and tasks.Y means to allow duplicate target projects and tasks
TARGET_EXP_TYPE_CLASS	NULL	VARCHAR2(30)	Expenditure type class of allocation transactions
TARGET_EXP_ORG_ID	NULL	NUMBER	Expenditure organization of allocation transactions
TARGET_EXP_TYPE	NULL	VARCHAR2(30)	Expenditure type of allocation transactions
TARGET_COST_TYPE	NULL	VARCHAR2(1)	Cost type of allocation transactions. It can be R (raw) or B (burdened)
OFFSET_EXP_TYPE_CLASS	NULL	VARCHAR2(30)	Expenditure type class of offset transactions
OFFSET_EXP_ORG_ID	NULL	NUMBER	Expenditure organization id of offset transactions
OFFSET_EXP_TYPE	NULL	VARCHAR2(30)	Expenditure type of offset transactions
OFFSET_COST_TYPE	NULL	VARCHAR2(1)	Cost type of offset transactions. It can be B (burdened) or R (raw)
OFFSET_METHOD	NULL	VARCHAR2(1)	Offset method. It can be N (none) , A (source project and task), B (source project, use client extension for task), C (specific project and task) or D(use client extension for project and task)
OFFSET_PROJECT_ID	NULL	NUMBER	Offset project id
OFFSET_TASK_ID	NULL	NUMBER	Offset task id
RUN_STATUS	NULL	VARCHAR2(2)	Allocation run status. It can be DF (draft failure) , DS (draft success), RF (release failure), RV (run reverse) or RS (release success)
BASIS_METHOD	NULL	VARCHAR2(2)	Basis method. It can be S(spread evenly) ,P(prorated),C(client extension),FS(fixed and spread evenly) or FP(fixed and prorated)
BASIS_RELATIVE_PERIOD	NULL	NUMBER	Relative basis period
BASIS_AMOUNT_TYPE	NULL	VARCHAR2(4)	If the period type is PA , source_amount_type can be ITD or PTD. If the period type is GL, source_amount_type can be FYTD, QTD, or PTD
BASIS_BALANCE_CATEGORY	NULL	VARCHAR2(1)	Basis balance category. it can be A (actuals) or B (budgets)
BASIS_BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	Basis budget type code
BASIS_BUDGET_ENTRY_METHOD_CODE	NULL	VARCHAR2(30)	Basis budget entry method code

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Column Descriptions (Continued)

Name	Null?	Type	Description
BASIS_BALANCE_TYPE	NULL	VARCHAR2(30)	Basis balance type. If basis category is actual , then actual balance type can be TOT_RAW_COST, TOT_BURDENED_COST, TOT_BILLABLE_RAW_COST, TOT_BILLABLE_BURDENED_COST, TOT_QUANTITY or TOT_LABOR_HOURS. If the basis category is budget, then budget balance type can be BASE_RAW_COST, BASE_BURDENED_COST, BASE_QUANTITY or BASE_LABOR_QUANTITY
BASIS_RESOURCE_LIST_ID	NULL	NUMBER	Basis resource list member id
FISCAL_YEAR	NULL	NUMBER	Fiscal year of the run period
QUARTER	NULL	NUMBER	Quarter number of the run period
PERIOD_NUM	NULL	NUMBER	Period number
TARGET_EXP_GROUP	NULL	VARCHAR2(50)	Target expenditure group name
REV_TARGET_EXP_GROUP	NULL	VARCHAR2(50)	Reversal target expenditure group name
OFFSET_EXP_GROUP	NULL	VARCHAR2(50)	Offset expenditure group name
REV_OFFSET_EXP_GROUP	NULL	VARCHAR2(50)	Reversal offset expenditure group type
TOTAL_POOL_AMOUNT	NULL	NUMBER	Total source pool amount
ALLOCATED_AMOUNT	NULL	NUMBER	Allocated amount
TOTAL_ALLOCATED_AMOUNT	NULL	NUMBER	Total allocated amount
TOTAL_OFFSETTED_AMOUNT	NULL	NUMBER	Total offsetted amount
MISSING_SOURCE_PROJ_AMT	NULL	NUMBER	Missing source project amount
MISSING_TARGET_PROJ_AMT	NULL	NUMBER	Missing target project amount
MISSING_OFFSET_PROJ_AMT	NULL	NUMBER	Missing offset project amount
REVERSAL_DATE	NULL	DATE	Reversal date if the run is reversed
DRAFT_REQUEST_ID	NULL	NUMBER(15)	Request id for the draft allocation run
DRAFT_REQUEST_DATE	NULL	DATE	Creation date of request for a draft allocation
RELEASE_REQUEST_ID	NULL	NUMBER(15)	Request id for the release allocation run
RELEASE_REQUEST_DATE	NULL	DATE	Creation date of request for a release allocation
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi_organization installations
LIMIT_TARGET_PROJECTS_CODE	NOT NULL	VARCHAR2(1)	Buiseness organization level code that limits the selection of target projects.

Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_RUNS_N1	NOT UNIQUE	1	RULE_ID
PA_ALLOC_RUNS_N2	NOT UNIQUE	1	RULE_ID
		2	FISCAL_YEAR
		3	QUARTER
		4	PERIOD_NUM
PA_ALLOC_RUNS_U1	UNIQUE	1	RUN_ID

# PA\_ALLOC\_RUN\_BASIS\_DET

PA\_ALLOC\_RUN\_BASIS\_DET stores basis information for an allocation run.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RESOURCES	RULE_ID RESOURCE_LIST_MEMBER_ID	RULE_ID RESOURCE_LIST_MEMBER_ID
PA_ALLOC_RUNS_ALL	RUN_ID	RUN_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
RULE_ID	NOT NULL	NUMBER	'Allocation rule identification number
LINE_NUM	NOT NULL	NUMBER	Line Number
PROJECT_ID	NOT NULL	NUMBER	Project identifier
TASK_ID	NOT NULL	NUMBER	Task identifier
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	NULL	NUMBER(15)	Standard Who Column
RESOURCE_LIST_MEMBER_ID	NULL	NUMBER	Resource list member id
AMOUNT	NULL	NUMBER	Basis Amount
BASIS_PERCENT	NULL	NUMBER	Percentage of calculated basis amount in total line amount
LINE_PERCENT	NULL	NUMBER	Allocation percentage specified at the target line level

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_RUN_BASIS_DET_N1	NOT UNIQUE	1	RUN_ID
		2	LINE_NUM
		3	PROJECT_ID
		4	TASK_ID

## PA\_ALLOC\_RUN\_GL\_DET

PA\_ALLOC\_RUN\_GL\_DET stores source lines that are related to GL accounts for each allocation run.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SOURCE_CCID
PA_ALLOC_GL_LINES	RULE_ID	RULE_ID
	LINE_NUM	LINE_NUM

### Column Descriptions

Name	Null?	Type	Description
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
RULE_ID	NOT NULL	NUMBER	Allocation rule identification number
LINE_NUM	NOT NULL	NUMBER	Line Number
SOURCE_CCID	NOT NULL	NUMBER	Code combination id for GL account
SUBTRACT_FLAG	NOT NULL	VARCHAR2(1)	The flag indicates whether the GL account balance is subtracted. Y means subtracted
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		NUMBER(15)	Standard Who Column
SOURCE_PERCENT		NUMBER	Percentage of account balance to be considered
AMOUNT		NUMBER	Amount
ELIGIBLE_AMOUNT		NUMBER	Eligible_amount=amount*source_percent

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_RUN_GL_DET_N1	NOT UNIQUE	1	RUN_ID
		2	LINE_NUM
		3	SOURCE_CCID

## PA\_ALLOC\_RUN\_SOURCES

PA\_ALLOC\_RUN\_SOURCES stores temporary records for each allocation run about all source projects and tasks generated by each source line.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_SOURCE_LINES	RULE_ID LINE_NUM	RULE_ID LINE_NUM

### Column Descriptions

Name	Null?	Type	Description
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
RULE_ID	NOT NULL	NUMBER	Allocation rule identification number
LINE_NUM	NOT NULL	NUMBER	Line number of the source line
PROJECT_ID	NOT NULL	NUMBER	Project identifier
EXCLUDE_FLAG	NOT NULL	VARCHAR2(1)	The flag indicates whether to exclude returned projects. Y means to exclude
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	NULL	NUMBER(15)	Standard Who Column
TASK_ID	NULL	NUMBER	Task id

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_RUN_SOURCES_N1	NOT UNIQUE	1	RUN_ID
		2	EXCLUDE_FLAG
		3	PROJECT_ID
		4	TASK_ID
PA_ALLOC_RUN_SOURCES_N2	NOT UNIQUE	1	PROJECT_ID
PA_ALLOC_RUN_SOURCES_N3	NOT UNIQUE	1	TASK_ID

## PA\_ALLOC\_RUN\_SOURCE\_DET

PA\_ALLOC\_RUN\_SOURCE\_DET stores source amount details for each source project and task (and by resources, if source resources were defined) for each allocation run.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RESOURCES	RULE_ID RESOURCE_LIST_MEMBER_ID	RULE_ID RESOURCE_LIST_MEMBER_ID
PA_ALLOC_RUNS_ALL	RUN_ID	RUN_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
RULE_ID	NOT NULL	NUMBER	Allocation rule identification number
LINE_NUM	NOT NULL	NUMBER	Line Number of the source line
PROJECT_ID	NOT NULL	NUMBER	Project ID
TASK_ID	NOT NULL	NUMBER	Task ID
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		NUMBER(15)	Standard Who Column
RESOURCE_LIST_MEMBER_ID		NUMBER	Resource list member id
AMOUNT		NUMBER	Amount
RESOURCE_PERCENT		NUMBER	Percentage of allocation at resource line level
ELIGIBLE_AMOUNT		NUMBER	Eligible amount=amount*Resource%

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_RUN_SOURCE_DET_N1	NOT UNIQUE	1	RUN_ID
		2	LINE_NUM
		3	PROJECT_ID
		4	TASK_ID

## PA\_ALLOC\_RUN\_TARGETS

PA\_ALLOC\_RUN\_TARGETS stores temporary records for each allocation run about all target projects and tasks generated by each target line.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_TARGET_LINES	RULE_ID	RULE_ID
	LINE_NUM	LINE_NUM

### Column Descriptions

Name	Null?	Type	Description
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
RULE_ID	NOT NULL	NUMBER	Allocation rule identification number
LINE_NUM	NOT NULL	NUMBER	Line Number of the target line
PROJECT_ID	NOT NULL	NUMBER	Project ID
EXCLUDE_FLAG	NOT NULL	VARCHAR2(1)	The flag indicates whether to exclude returned projects. Y means to exclude
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	NULL	NUMBER(15)	Standard Who Column
TASK_ID	NULL	NUMBER	Task ID
LINE_PERCENT	NULL	NUMBER	Allocation percentage specified at the target line level

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_RUN_TARGETS_N1	NOT UNIQUE	1	RUN_ID
		2	EXCLUDE_FLAG
		3	PROJECT_ID
		4	TASK_ID
PA_ALLOC_RUN_TARGETS_N2	NOT UNIQUE	1	PROJECT_ID
PA_ALLOC_RUN_TARGETS_N3	NOT UNIQUE	1	TASK_ID



## PA\_ALLOC\_SOURCE\_LINES

PA\_ALLOC\_SOURCE\_LINES stores source lines for each allocation rule.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RULES_ALL	RULE_ID	RULE_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER	Unique identifier for an allocation rule for the source line
LINE_NUM (PK)	NOT NULL	NUMBER	Line number
EXCLUDE_FLAG	NOT NULL	VARCHAR2(1)	The flag indicates whether to exclude returned projects Y means exclude
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	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		NUMBER(15)	Standard Who Column
PROJECT_ORG_ID		NUMBER	Project organization id
TASK_ORG_ID		NUMBER	Task organization id
PROJECT_TYPE		VARCHAR2(20)	Project type
CLASS_CATEGORY		VARCHAR2(30)	Class category
CLASS_CODE		VARCHAR2(30)	Class code
SERVICE_TYPE		VARCHAR2(30)	Service type
PROJECT_ID		NUMBER	Project id
TASK_ID		NUMBER	Task id

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_SOURCE_LINES_N1	NOT UNIQUE	1	RULE_ID
		2	EXCLUDE_FLAG
PA_ALLOC_SOURCE_LINES_U1	UNIQUE	1	RULE_ID
		2	LINE_NUM

## PA\_ALLOC\_TARGET\_LINES

PA\_ALLOC\_TARGET\_LINES stores target lines for each allocation rule.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RULES_ALL	RULE_ID	RULE_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER	Allocation rule identification number
LINE_NUM (PK)	NOT NULL	NUMBER	Line Number of the target line
EXCLUDE_FLAG	NOT NULL	VARCHAR2(1)	The flag indicates whether to exclude returned projects. Y means exclude
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	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		NUMBER(15)	Standard Who Column
PROJECT_ORG_ID	NULL	NUMBER	Standard Who Column
TASK_ORG_ID	NULL	NUMBER	Task organization id
PROJECT_TYPE	NULL	VARCHAR2(20)	Project Type
CLASS_CATEGORY	NULL	VARCHAR2(30)	Class Category
CLASS_CODE	NULL	VARCHAR2(30)	Class Code
SERVICE_TYPE	NULL	VARCHAR2(30)	Service type
PROJECT_ID	NULL	NUMBER	Project ID
TASK_ID	NULL	NUMBER	Task ID
BILLABLE_ONLY_FLAG	NULL	VARCHAR2(1)	The flag indicates whether to pick up billable tasks or all tasks. Y means bill
LINE_PERCENT	NULL	NUMBER	Percentage of pool amount assigned to this target line

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_TARGET_LINES_N1	NOT UNIQUE	1	RULE_ID
		2	EXCLUDE_FLAG
PA_ALLOC_TARGET_LINES_U1	UNIQUE	1	RULE_ID
		2	LINE_NUM

## PA\_ALLOC\_TXN\_DETAILS

PA\_ALLOC\_TXN\_DETAILS stores target and offset transactions created by an allocation run.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_ALLOC_RULES_ALL	RULE_ID	RULE_ID
PA_ALLOC_RUNS_ALL	RUN_ID	RUN_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS_CODE	TRANSACTION STATUS	PA_LOOKUPS
	A	Accepted
	I	Imported
	P	Pending
	PO	Rejected in post-import
	PR	Rejected in pre-import
	R	Rejected
TRANSACTION_TYPE	ALLOC_TXN_TYPE	PA_LOOKUPS
	O	Offset
	T	Allocation

### Column Descriptions

Name	Null?	Type	Description
ALLOC_TXN_ID	NOT NULL	NUMBER	Allocation transaction id
RUN_ID	NOT NULL	NUMBER	Allocation run identification number
RULE_ID	NOT NULL	NUMBER	Allocation rule identification number
TRANSACTION_TYPE	NOT NULL	VARCHAR2(1)	Transactions type. It can be T (Allocation) or O(offset)
FISCAL_YEAR	NOT NULL	NUMBER	Fiscal year of the run period
QUARTER_NUM	NOT NULL	NUMBER	Quarter number of the run period
PERIOD_NUM	NOT NULL	NUMBER	Period number
RUN_PERIOD	NOT NULL	VARCHAR2(15)	Run period
LINE_NUM	NOT NULL	NUMBER	Line number
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		NUMBER(15)	Standard Who Column
PROJECT_ID	NOT NULL	NUMBER	Project id
TASK_ID	NOT NULL	NUMBER	Task id
EXPENDITURE_TYPE		VARCHAR2(30)	Expenditure type of transactions
TOTAL_ALLOCATION		NUMBER	Total amount to allocate
PREVIOUS_ALLOCATION		NUMBER	Previous allocation amount
CURRENT_ALLOCATION		NUMBER	Current allocation amount

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Column Descriptions (Continued)

Name	Null?	Type	Description
REJECTION_CODE	NULL	VARCHAR2(30)	Rejection code to indicate rejections
STATUS_CODE	NULL	VARCHAR2(1)	Transactions status. It can be P (pending), R (rejected) or A (accepted)
EXPENDITURE_ID	NULL	NUMBER	Expenditure id when expenditure is created
EXPENDITURE_ITEM_ID	NULL	NUMBER	Expenditure item id when expenditure item is created
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield context field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALLOC_TXN_DETAILS_N1	NOT UNIQUE	1	RUN_ID
		2	TRANSACTION_TYPE
		3	PROJECT_ID
		4	TASK_ID
PA_ALLOC_TXN_DETAILS_N2	NOT UNIQUE	1	PROJECT_ID
PA_ALLOC_TXN_DETAILS_N3	NOT UNIQUE	1	TASK_ID
PA_ALLOC_TXN_DETAILS_U1	UNIQUE	1	ALLOC_TXN_ID

## PA\_ALL\_ORGANIZATIONS

PA\_ALL\_ORGANIZATIONS stores history information about organizations used by Oracle Projects.

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Identifier of the Organization
ORG_ID	NULL	NUMBER	Operating Unit Identifier for multi-organization installations
PA_ORG_USE_TYPE	NOT NULL	VARCHAR2(30)	The purpose for which the organization was used in PA
INACTIVE_DATE	NULL	DATE	Date on which the organization became inactive in PA. If no date is specified then the organization

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_ALL_ORGANIZATIONS_N1	NOT UNIQUE	2	ORG_ID
		4	ORGANIZATION_ID
		6	PA_ORG_USE_TYPE
PA_ALL_ORGANIZATIONS_U1	UNIQUE	1	ORGANIZATION_ID
		2	ORG_ID
		3	PA_ORG_USE_TYPE

# PA\_AP\_INV\_EXCEPTIONS\_DET\_V

PA\_AP\_INV\_EXCEPTIONS\_DET\_V is a detail view that identifies the Oracle Payables invoices that can prevent an Oracle Projects period from being closed. This view is based on PA\_AP\_INV\_EXCEPTIONS\_SUM\_V.

### View Definition

```
CREATE VIEW PA_AP_INV_EXCEPTIONS_DET_V
as SELECT
    SMRY.PROJECT_ID PROJECT_ID
    , PRJ.SEGMENT1 PROJECT_NUMBER
    , SMRY.TASK_ID TASK_ID
    , TSK.TASK_NUMBER TASK_NUMBER
    , SMRY.INVOICE_ID INVOICE_ID
    , SMRY.INVOICE_NUMBER INVOICE_NUMBER
    , SMRY.INVOICE_DATE INVOICE_DATE
    , SMRY.DISTRIBUTION_LINE_NUMBER DISTRIBUTION_LINE_NUMBER
    , SMRY.VENDOR_ID VENDOR_ID
    , VND.SEGMENT1 VENDOR_NUMBER
    , VND.VENDOR_NAME VENDOR_NAME
    , SMRY.EXPENDITURE_ORGANIZATION_ID EXPENDITURE_ORGANIZATION_ID
    , SMRY.EXPENDITURE_TYPE EXPENDITURE_TYPE
    , SMRY.QUANTITY QUANTITY
    , SMRY.DENOM_CURRENCY_CODE DENOM_CURRENCY_CODE
    , SMRY.DENOM_AMOUNT DENOM_AMOUNT
    , SMRY.ACCT_CURRENCY_CODE ACCT_CURRENCY_CODE
    , SMRY.AMOUNT AMOUNT
    , SMRY.ACCT_RATE_DATE ACCT_RATE_DATE
    , SMRY.ACCT_RATE_TYPE ACCT_RATE_TYPE
    , SMRY.ACCT_EXCHANGE_RATE ACCT_EXCHANGE_RATE
    , SMRY.PA_DATE PA_DATE
    , SMRY.PERIOD_NAME PERIOD_NAME
    , SMRY.GL_DATE GL_DATE
    , SMRY.POSTED_FLAG POSTED_FLAG
    , SMRY.EXCEPTION_CODE EXCEPTION_CODE
    , SMRY.EXCEPTION_REASON EXCEPTION_REASON
    , SMRY.CORRECTIVE_ACTION CORRECTIVE_ACTION
FROM
    PA_AP_INV_EXCEPTIONS_SUM_V SMRY,
    PA_PROJECTS_ALL PRJ,
    PA_TASKS TSK,
    PO_VENDORS VND
Where PRJ.PROJECT_ID = SMRY.PROJECT_ID
AND TSK.TASK_ID = SMRY.TASK_ID
AND VND.VENDOR_ID = SMRY.VENDOR_ID
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER(15)	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_ID	NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
INVOICE_ID	NOT NULL	NUMBER(15)	Refer to base table.
INVOICE_NUMBER	NOT NULL	VARCHAR2(50)	Refer to base table.
INVOICE_DATE	NULL	DATE	Refer to base table.
DISTRIBUTION_LINE_NUMBER	NOT NULL	NUMBER(15)	Refer to base table.
VENDOR_ID	NOT NULL	NUMBER(15)	Refer to base table.
VENDOR_NUMBER	NOT NULL	VARCHAR2(30)	Refer to base table.
VENDOR_NAME	NOT NULL	VARCHAR2(80)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
QUANTITY	NULL	NUMBER(22,5)	Refer to base table.
DENOM_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
DENOM_AMOUNT	NULL	NUMBER	Refer to base table.
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.
ACCT_RATE_DATE	NULL	DATE	Refer to base table.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
ACCT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
PA_DATE	NULL	DATE	Refer to base table.
PERIOD_NAME	NULL	VARCHAR2(4000)	Refer to base table.
GL_DATE	NOT NULL	DATE	Refer to base table.
POSTED_FLAG	NULL	VARCHAR2(1)	Refer to base table.
EXCEPTION_CODE	NULL	VARCHAR2(1)	Refer to base table.
EXCEPTION_REASON	NULL	VARCHAR2(4000)	Refer to base table.
CORRECTIVE_ACTION	NULL	VARCHAR2(4000)	Refer to base table.

## PA\_AP\_INV\_EXCEPTIONS\_SUM\_V

PA\_AP\_INV\_EXCEPTIONS\_SUM\_V is a summary view that identifies the Oracle Payables invoices that can prevent an Oracle Projects period from being closed.

### View Definition

```
CREATE VIEW PA_AP_INV_EXCEPTIONS_SUM_V
as SELECT
    INVDIST.PROJECT_ID PROJECT_ID
    , INVDIST.TASK_ID TASK_ID
    , INV.INVOICE_ID INVOICE_ID
    , INV.INVOICE_NUM INVOICE_NUMBER
    , INVDIST.DISTRIBUTION_LINE_NUMBER DISTRIBUTION_LINE_NUMBER
    , INV.INVOICE_DATE INVOICE_DATE
    , INV.VENDOR_ID VENDOR_ID
    , INV.INVOICE_CURRENCY_CODE DENOM_CURRENCY_CODE
    , INVDIST.AMOUNT DENOM_AMOUNT
    , GLSOB.CURRENCY_CODE ACCT_CURRENCY_CODE
    , NVL(INVDIST.BASE_AMOUNT, INVDIST.AMOUNT) AMOUNT
    , DECODE
(NVL(INV.INVOICE_CURRENCY_CODE, '-99'), NVL(GLSOB.CURRENCY_CODE, '-99'), TO_DATE(NULL),
INVDIST.EXCHANGE_DATE) ACCT_RATE_DATE
    , DECODE (NVL(INV.INVOICE_CURRENCY_CODE, '-99'), NVL(GLSOB.CURRENCY_CODE, '-99'), NULL,
INVDIST.EXCHANGE_RATE_TYPE) ACCT_RATE_TYPE
    , DECODE
(NVL(INV.INVOICE_CURRENCY_CODE, '-99'), NVL(GLSOB.CURRENCY_CODE, '-99'), TO_NUMBER(NULL),
INVDIST.EXCHANGE_RATE) ACCT_EXCHANGE_RATE
    , INVDIST.PA_ADDITION_FLAG EXCEPTION_CODE
    , INVDIST.EXPENDITURE_ORGANIZATION_ID EXPENDITURE_ORGANIZATION_ID
    , INVDIST.EXPENDITURE_TYPE EXPENDITURE_TYPE
    , INVDIST.EXPENDITURE_ITEM_DATE EXPENDITURE_ITEM_DATE
    , INVDIST.PA_QUANTITY QUANTITY
    , INVDIST.ACCOUNTING_DATE GL_DATE
    , pa_utils.get_pa_date(invdist.expenditure_item_date,
invdist.accounting_date) PA_DATE
    , pa_utils.get_pa_period_name(invdist.expenditure_item_date,
invdist.accounting_date) PERIOD_NAME
    , DECODE(INVDIST.POSTED_FLAG, 'Y', '*', NULL) POSTED_FLAG
    , PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('AP_INV_EXCP',
INVDIST.PA_ADDITION_FLAG, NULL, 'R') EXCEPTION_REASON
    , PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('AP_INV_EXCP',
INVDIST.PA_ADDITION_FLAG, NULL, 'A') CORRECTIVE_ACTION
FROM
    GL_SETS_OF_BOOKS GLSOB,
    PO_VENDORS VEND,
    AP_INVOICE_DISTRIBUTIONS INVDIST,
    AP_INVOICES INV
Where VEND.VENDOR_ID = INV.VENDOR_ID
AND INV.INVOICE_ID = INVDIST.INVOICE_ID
AND ( INV.INVOICE_TYPE_LOOKUP_CODE != 'EXPENSE REPORT' OR
( INV.INVOICE_TYPE_LOOKUP_CODE = 'EXPENSE REPORT' AND
VEND.EMPLOYEE_ID IS NOT NULL ))
```

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```

AND INVDIST.PROJECT_ID > 0
AND INVDIST.PA_ADDITION_FLAG NOT IN ( 'Y', 'Z', 'T', 'E' )
AND INVDIST.POSTED_FLAG || '' = 'Y'
AND GLSOB.SET_OF_BOOKS_ID = INVDIST.SET_OF_BOOKS_ID

```

*Column Descriptions*

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER(15)	Refer to base table.
TASK_ID	NULL	NUMBER(15)	Refer to base table.
INVOICE_ID	NOT NULL	NUMBER(15)	Refer to base table.
INVOICE_NUMBER	NOT NULL	VARCHAR2(50)	Refer to base table.
DISTRIBUTION_LINE_NUMBER	NOT NULL	NUMBER(15)	Refer to base table.
INVOICE_DATE	NULL	DATE	Refer to base table.
VENDOR_ID	NOT NULL	NUMBER(15)	Refer to base table.
DENOM_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
DENOM_AMOUNT	NULL	NUMBER	Refer to base table.
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.
ACCT_RATE_DATE	NULL	DATE	Refer to base table.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
ACCT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
EXCEPTION_CODE	NULL	VARCHAR2(1)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
QUANTITY	NULL	NUMBER(22,5)	Refer to base table.
GL_DATE	NOT NULL	DATE	Refer to base table.
PA_DATE	NULL	DATE	Refer to base table.
PERIOD_NAME	NULL	VARCHAR2(4000)	Refer to base table.
POSTED_FLAG	NULL	VARCHAR2(1)	Refer to base table.
EXCEPTION_REASON	NULL	VARCHAR2(4000)	Refer to base table.
CORRECTIVE_ACTION	NULL	VARCHAR2(4000)	Refer to base table.

## PA\_AUTOACCOUNTING\_LOOKUPS\_VIEW

This view displays AutoAccounting lookup set values for a given segment value lookup set.

View Definition

```
CREATE VIEW PA_AUTOACCOUNTING_LOOKUPS_VIEW
as SELECT
  s.segment_value_lookup_set_name
  ,l.segment_value
  ,l.segment_value_lookup
FROM PA_SEGMENT_VALUE_LOOKUP_SETS S
  , PA_SEGMENT_VALUE_LOOKUPS L
where l.segment_value_lookup_set_id = s.segment_value_lookup_set_id
```

Column Descriptions

Name	Null?	Type	Description
LOOKUP_SET_NAME (PK)	NOT NULL	VARCHAR2(30)	The AutoAccounting lookup set name
SEGMENT_VALUE (PK)	NOT NULL	VARCHAR2(30)	The value of the flexfield segment
INTERMEDIATE_VALUE (PK)	NOT NULL	VARCHAR2(30)	The value of the intermediate value

## PA\_BATCH\_SOURCES

PA\_BATCH\_SOURCES stores system-defined sources of expense report expenditure batches. Oracle Projects predefines two batch sources: Expense Report and Expense Report Adjustment.

### Column Descriptions

Name	Null?	Type	Description
BATCH_SOURCE (PK)	NOT NULL	VARCHAR2(20)	Name of the batch source
MEANING	NOT NULL	VARCHAR2(80)	Short, user-friendly name that describes the batch source
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)	Explanation of the batch source

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_BATCH_SOURCES_U1	UNIQUE	1	BATCH_SOURCE
PA_BATCH_SOURCES_U2	UNIQUE	1	MEANING

## PA\_BILLING\_ASSIGNMENTS\_ALL

PA\_BILLING\_ASSIGNMENTS\_ALL stores information about the level at which a billing extension is assigned. Billing extensions can be assigned at the project type, project, or top task level.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_BILLING_EXTENSIONS	BILLING_EXTENSION_ID	BILLING_EXTENSION_ID
PA_DISTRIBUTION_RULES	DISTRIBUTION_RULE	DISTRIBUTION_RULE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECT_TYPES_ALL	PROJECT_TYPE ORG_ID	PROJECT_TYPE ORG_ID
PA_TASKS	TASK_ID	TOP_TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	FLAG	PA_LOOKUPS

### Column Descriptions

Name	Null?	Type	Description
BILLING_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	Primary key
BILLING_EXTENSION_ID	NOT NULL	NUMBER(15)	Foreign key to PA_BILLING_EXTENSIONS
PROJECT_TYPE	NULL	VARCHAR2(20)	If this field is populated the Billing Extension specified by this row will be called for any project of this project type.
PROJECT_ID	NULL	NUMBER(15)	If this field is populated the Billing Extension specified by this row will be called for this project
TOP_TASK_ID	NULL	NUMBER(15)	If this field is populated the Billing Extension specified by this row will be called for this top task
AMOUNT	NULL	NUMBER(22,5)	When assigning a Billing Extension a value may be entered here which can then be referenced by the Billing Extension when it is being executed.
PERCENTAGE	NULL	NUMBER(22,5)	Similar to amount, a value may be entered here when assigning the Billing Extension.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	When this value is set the Billing Extension will be called (all other criteria being met). If it is not set the Billing Extension will not be called.
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
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield context field

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
DISTRIBUTION_RULE	NULL	VARCHAR2(20)	Used for internal processing
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

Indexes

Index Name	Index Type	Sequence	Column Name
PA_BILLING_ASSIGNMENTS_N1	NOT UNIQUE	1	PROJECT_ID
		2	ACTIVE_FLAG
PA_BILLING_ASSIGNMENTS_N2	NOT UNIQUE	1	PROJECT_TYPE
		2	ACTIVE_FLAG
PA_BILLING_ASSIGNMENTS_N3	NOT UNIQUE	1	DISTRIBUTION_RULE
		2	ACTIVE_FLAG
PA_BILLING_ASSIGNMENTS_U1	UNIQUE	1	BILLING_ASSIGNMENT_ID
		3	ORG_ID

Sequences

Sequence	Derived Column
PA_BILLING_ASSIGNMENTS_S	BILLING_ASSIGNMENT_ID

## PA\_BILLING\_CYCLES

PA\_BILLING\_CYCLES stores the definition of a billing cycle that specifies the rules that will be used to determine the next billing date for a given project. This table has predefined data for some standard cycles that Oracle Projects supports. You can define your own rules if the standard cycles do not meet your requirements.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BILLING_CYCLE_TYPE	BILLING CYCLE TYPE	PA_LOOKUPS
	BILLING CYCLE DAYS	Billing Cycle Days
	DATE OF MONTH	Date of The Month
	FIRST DAY OF MONTH	First Day of The Month
	FIRST WEEKDAY OF MONTH	First Weekday of The Month
	LAST DAY OF MONTH	Last Day of the Month
	LAST WEEKDAY OF MONTH	Last Weekday of the Month
	PROJECT COMPLETION	Project Completion
	USER DEFINED	User Defined
	WEEKDAY EACH WEEK	Weekday each Week

### Column Descriptions

Name	Null?	Type	Description
BILLING_CYCLE_ID (PK)	NOT NULL	NUMBER(15)	The system generated identifier to uniquely identify a billing cycle
BILLING_CYCLE_NAME	NOT NULL	VARCHAR2(30)	The user defined unique name to identify a billing cycle.
BILLING_CYCLE_TYPE	NOT NULL	VARCHAR2(30)	The type of billing cycle.
DESCRIPTION	NULL	VARCHAR2(250)	The description of the billing cycle.
START_DATE_ACTIVE	NOT NULL	DATE	The first effective date of billing cycle.
END_DATE_ACTIVE	NULL	DATE	The last effective date of billing cycle.
BILLING_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Developer descriptive flexfield structure defining column.
BILLING_VALUE1	NULL	VARCHAR2(150)	Developer descriptive flexfield segment.
BILLING_VALUE2	NULL	VARCHAR2(150)	Developer descriptive flexfield segment.
BILLING_VALUE3	NULL	VARCHAR2(150)	Developer descriptive flexfield segment.
BILLING_VALUE4	NULL	VARCHAR2(150)	Developer descriptive flexfield segment.
BILLING_VALUE5	NULL	VARCHAR2(150)	Developer descriptive flexfield segment.
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.

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
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.
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	NULL	NUMBER(15)	Standard WHO Column.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield context field.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_BILLING_CYCLES_U1	UNIQUE	1	BILLING_CYCLE_ID
PA_BILLING_CYCLES_U2	UNIQUE	1	BILLING_CYCLE_NAME

*Sequences*

Sequence	Derived Column
PA_BILLING_CYCLES_S	BILLING_CYCLE_ID

## PA\_BILLING\_EXTENSIONS

PA\_BILLING\_EXTENSIONS stores the definition of a billing extension that specifies how the billing extension is assigned and executed during revenue/invoice generation.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EVENT_TYPES	EVENT_TYPE	DEFAULT_EVENT_TYPE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CALLING_PROCESS	BILLING_EXTN CALLING PROCESS INVOICE REVENUE	PA_LOOKUPS Invoice Revenue
TRX_INDEPENDENT_FLAG	FLAG	PA_LOOKUPS

### Column Descriptions

Name	Null?	Type	Description
BILLING_EXTENSION_ID (PK)	NOT NULL	NUMBER(15)	Primary key for the table
NAME	NOT NULL	VARCHAR2(30)	This is the name of the Billing Extension which will show up in quickpicks when the Billing Extension has to be assigned
PROCEDURE_NAME	NOT NULL	VARCHAR2(30)	This is the exact package.procedure name that the appropriate program will execute from within the database when the Billing Extension is called
AMOUNT_REQD_FLAG	NOT NULL	VARCHAR2(1)	When set to 'Yes' users will be forced to enter an amount when assigning the Billing Extension
PERCENTAGE_REQD_FLAG	NOT NULL	VARCHAR2(1)	When set to 'Yes' users would be forced to enter a percentage when assigning a Billing Extension
CALLING_PROCESS	NOT NULL	VARCHAR2(10)	This can have the values 'Revenue', 'Invoice' or 'Both'. This field will determine which program will execute the billing extension
PRE_PROCESSING_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set the Billing Extension will be called before any processing (Revenue accrual or Invoicing) has occurred
POST_PROCESSING_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set the Billing Extension will be called after all processing (Revenue accrual or Invoicing) has taken place

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Column Descriptions (Continued)

Name	Null?	Type	Description
CALL_AFTER_REG_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set the Billing Extension will be called after all regular transactions have been processed. Events created in this section will be attached to the regular draft revenue/invoice
CALL_AFTER_ADJ_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set the Billing Extension will be called after all crediting transactions are processed. The event created in this section will be attached to the crediting draft invoice/revenue
PROJECT_SPECIFIC_FLAG	NULL	VARCHAR2(1)	When this flag is set the Billing Extension can only be assigned at the Project/Task level and not at the Project Type level
MARK_EXP_ITEMS_FLAG	NULL	VARCHAR2(1)	This column is there for future use. It will be used to indicate whether events created by this Billing Extension should FIFO mark expenditure items
DESCRIPTION	NULL	VARCHAR2(250)	Description of the Billing Extension
DEFAULT_EVENT_DESCRIPTION	NOT NULL	VARCHAR2(250)	If no description is passed to the predefined procedure that inserts the events (supplied by PA), this default event description will be used as the event description
PROCESSING_ORDER	NOT NULL	NUMBER(15)	Billing Extensions will be executed in the order specified here. A Billing Extension with a processing_order of 10 will execute before a Billing Extension with a processing_order of 20
START_DATE_ACTIVE	NOT NULL	DATE	When assigning Billing Extensions only Billing Extensions with a start date before sysdate will show up in the quickpick
END_DATE_ACTIVE	NULL	DATE	When assigning Billing Extensions only Billing Extensions with an end date after sysdate will show up in the quickpick
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
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
TRX_INDEPENDENT_FLAG	NULL	VARCHAR2(1)	When this flag is set the Billing Extension will be called even if there are no transactions being processed
DEFAULT_EVENT_TYPE	NULL	VARCHAR2(30)	If no description is passed to the predefined procedure that inserts the events (supplied by PA), this default event type be used when inserting the event
CALL_BEFORE_DEL_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set the billing extension will be called before revenue or invoice transactions are deleted
DEFAULT_COST_BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	If no Cost Budget Type Code is passed to the predefined procedure that determines the cost budget amount (Supplied by Projects),this default cost budget type code will be used when determining cost budget amounts
DEFAULT_REV_BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	If no Revenue Budget Type Code is passed to the predefined procedure that determines the cost budget amount (Supplied by Projects), this default revenue budget type code to be used when determining revenue budget amounts
CALL_AFTER_CANCEL_INV_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set the billing extension will be called after cancellation invoice processing
CALL_AFTER_WOFF_INV_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set the billing extension will be called after write-off invoice processing
CALL_POST_REG_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set the billing extension will be called after regular automatic event processing.
PREDEFINED_FLAG	NOT NULL	VARCHAR2(1)	When this flag is set it indicates that the billing extension is predefined

Indexes

Index Name	Index Type	Sequence	Column Name
PA_BILLING_EXTENSIONS_U1	UNIQUE	1	BILLING_EXTENSION_ID

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Sequences

Sequence	Derived Column
PA_BILLING_EXTENSIONS_S	BILLING_EXTENSION_ID

## PA\_BILLING\_INV\_DELETION\_V

PA\_BILLING\_INV\_DELETION\_V returns information about draft invoices that may be deleted in the current run of invoice generation. When this view is used in a billing extension, the rows returned are limited to the project/task being processed for the current request\_id.

This view should only be used in billing extensions called during invoice deletion.

View Definition

```
CREATE VIEW PA_BILLING_INV_DELETION_V
as SELECT
    DI.PROJECT_ID
    , DI.DRAFT_INVOICE_NUM
    , DI.AGREEMENT_ID
FROM    PA_DRAFT_INVOICES DI
WHERE   DI.PROJECT_ID = NVL(PA_BILLING.GETPROJID,DI.PROJECT_ID)
AND     DI.RELEASED_BY_PERSON_ID IS NULL
AND     NVL(DI.CANCEL_CREDIT_MEMO_FLAG, 'N') = 'N'
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project for which the invoice is generated
DRAFT_INVOICE_NUM	NOT NULL	NUMBER(15)	Sequential number that identifies the draft invoice within a project
AGREEMENT_ID	NOT NULL	NUMBER(15)	Identifier of the agreement that funds the invoice

## PA\_BILLING\_INV\_PROCESSED\_V

PA\_BILLING\_INV\_PROCESSED\_V returns information about invoices processed in the current run of invoice generation. When this view is used in a billing extension, the rows returned are limited to the rows for the specific request\_id and project being processed.

This view should only be used in a billing extension that is being called during invoice generation.

### View Definition

```
CREATE VIEW PA_BILLING_INV_PROCESSED_V
as SELECT
    DI.PROJECT_ID
    , DI.DRAFT_INVOICE_NUM
    , DI.AGREEMENT_ID
FROM    PA_DRAFT_INVOICES DI
WHERE   DI.PROJECT_ID = NVL(PA_BILLING.GETPROJID,DI.PROJECT_ID)
AND     DI.REQUEST_ID = NVL(PA_BILLING.GETREQID,DI.REQUEST_ID)
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project for which the invoice is generated
DRAFT_INVOICE_NUM	NOT NULL	NUMBER(15)	Sequential number that identifies the draft invoice within a project
AGREEMENT_ID	NOT NULL	NUMBER(15)	Identifier of the agreement that funds the invoice

## PA\_BILLING\_INV\_TRANSACTIONS\_V

PA\_BILLING\_INV\_TRANSACTIONS\_V returns detail information for amounts processed in the current run of invoice generation. When this view is used in a billing extension, the rows returned are limited automatically to the rows for that request\_id, for that project/task and the appropriate calling place (regular vs adjustment).

This view should be used in a transaction-dependent billing extension that is being called in both regular and adjustment processing during invoice generation.

### View Definition

```
CREATE VIEW PA_BILLING_INV_TRANSACTIONS_V
as SELECT
    t.project_id
    ,t.task_id
    ,t.top_task_id
    ,ei.expenditure_type
    ,ei.system_linkage_function
    ,exp.expenditure_id
    ,exp.incurred_by_person_id
    ,ei.expenditure_item_id
    ,ei.expenditure_item_date
    ,ei.quantity
    ,ei.raw_cost
    ,ei.burden_cost
    ,sum(rdl.bill_amount)
    ,sum(rdl.amount)
    ,ei.project_currency_code
FROM
    pa_expenditures_all exp,
    pa_tasks t,
    pa_expenditure_items_all ei,
    pa_cust_rev_dist_lines rdl,
    pa_draft_invoice_items pdii,
    pa_draft_invoices pdi
Where ei.task_id = t.task_id
and ei.expenditure_id = exp.expenditure_id
and t.top_task_id = nvl(PA_BILLING.GetTaskId, t.top_task_id)
and pdi.project_id = nvl(PA_BILLING.GetProjId,pdi.project_id)
and pdii.project_id = rdl.project_id
and pdii.draft_invoice_num = rdl.draft_invoice_num
and pdii.line_num = rdl.draft_invoice_item_line_num
and pdii.invoice_line_type != 'NET ZERO ADJUSTMENT'
and pdii.project_id = pdi.project_id
and pdii.draft_invoice_num = pdi.draft_invoice_num
and pdi.request_id = nvl(PA_BILLING.GetReqId,pdi.request_id)
and ei.expenditure_item_id = rdl.expenditure_item_id
and ((PA_BILLING.GetCallPlace = 'ADJ'
    and pdi.draft_invoice_num_credited IS NOT NULL)
OR (nvl(PA_BILLING.GetCallPlace,'REG') = 'REG'
    and pdi.draft_invoice_num_credited IS NULL))
```

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```

GROUP BY
t.project_id,
t.task_id,
t.top_task_id,
ei.expenditure_type,
ei.system_linkage_function,
exp.expenditure_id,
exp.incurred_by_person_id,
ei.expenditure_item_date,
ei.expenditure_item_id,
ei.quantity,
ei.raw_cost,
ei.burden_cost,
ei.project_currency_code

```

*Column Descriptions*

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the task
TOP_TASK_ID	NOT NULL	NUMBER(15)	Identifier of the top task to which this tasks rolls up
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Classifies the type of work performed
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(3)	Classification of the expenditure group that indicates what type of charges are entered for the group
EXPENDITURE_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	Identifier of the employee who incurred the charges
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure item
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Date on which work occurred
QUANTITY	NULL	NUMBER(22,5)	Number of units of the work performed
RAW_COST	NULL	NUMBER	Total raw cost of the expenditure item
BURDENED_COST	NULL	NUMBER	Total burdened cost of the expenditure item
BILL_AMOUNT	NULL	NUMBER	Amount billed for the item
REVENUE_AMOUNT	NULL	NUMBER	Revenue amount of the expenditure item
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project functional currency code

## PA\_BILLING\_MESSAGES

PA\_BILLING\_MESSAGES stores messages that your billing extension might insert using the predefined procedure `insert_message`. Other predefined stored procedures (like `insert_event`) called by your billing extension also insert error messages into this table.

Oracle Projects does not automatically delete the rows in the PA\_BILLING\_MESSAGES table. You should periodically purge the PA\_BILLING\_MESSAGES table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_BILLING_ASSIGNMENTS_ALL	BILLING_ASSIGNMENT_ID	BILLING_ASSIGNMENT_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
INSERTING_PROCEDURE_NAME	NOT NULL	VARCHAR2(80)	This field contains the name of the procedure that a Client Billing Extension specifies when inserting a message using <code>pb_public.insert_message</code> .
BILLING_ASSIGNMENT_ID	NOT NULL	NUMBER(15)	The Billing assignment id of the Billing Extension that inserts the message. The procedure PA supplies populates this value automatically.
PROJECT_ID	NOT NULL	NUMBER(15)	The project_id of the project being processed when the Billing Extension inserts the message. This is automatically inserted by the PA procedure.
TASK_ID	NULL	NUMBER(15)	The task_id of the project being processed when the Billing Extension inserts the message. This is automatically inserted by the PA procedure.
CALLING_PROCESS	NOT NULL	VARCHAR2(30)	The process (Revenue/Invoice) that is executing when the Billing Extension inserts the message.
CALLING_PLACE	NOT NULL	VARCHAR2(30)	The place in the program that the Billing Extension is called from when the message is inserted
REQUEST_ID	NOT NULL	NUMBER(15)	Standard Who Column
MESSAGE	NULL	VARCHAR2(240)	The message specified by the Clients Billing Extension when calling <code>pb_public.insert_message</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	NULL	NUMBER(15)	Standard Who Column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
LINE_NUM	NULL	NUMBER(15)	If the same Billing Extension inserts several messages in the same call, the line num will be incremented for each message
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

Indexes

Index Name	Index Type	Sequence	Column Name
PA_BILLING_MESSAGES_N1	NOT UNIQUE	1	PROJECT_ID
		2	REQUEST_ID
		3	CALLING_PLACE
		4	CALLING_PROCESS

# PA\_BILLING\_ORIG\_EVENTS\_V

PA\_BILLING\_ORIG\_EVENTS\_V is a runtime view for use in billing extensions that shows the original event information for a credit memo automatic event for the specific project and top task of the current run.

For more information, see the billing extension template described in the Oracle Projects User’s Guide.

View Definition

```
CREATE VIEW PA_BILLING_ORIG_EVENTS_V
as SELECT
    EV.PROJECT_ID
, EV.TASK_ID
, EV.EVENT_NUM
, EV.EVENT_TYPE
, EV.REVENUE_AMOUNT
, EV.BILL_AMOUNT
, EV.BILLING_ASSIGNMENT_ID
, EV.ORGANIZATION_ID
, EV.COMPLETION_DATE

FROM    PA_EVENTS EV,
        PA_DRAFT_INVOICE_ITEMS DII,
        PA_DRAFT_INVOICES DI
WHERE   EV.PROJECT_ID = DII.PROJECT_ID
AND     NVL(EV.TASK_ID, -1) = NVL(DII.EVENT_TASK_ID, -1)
AND     EV.EVENT_NUM = DII.EVENT_NUM
AND     EV.BILLING_ASSIGNMENT_ID IS NOT NULL
AND     DII.PROJECT_ID = DI.PROJECT_ID
AND     DII.DRAFT_INVOICE_NUM = DI.DRAFT_INVOICE_NUM_CREDITED
AND     DI.PROJECT_ID = NVL(PA_BILLING.GETPROJID, DI.PROJECT_ID)
AND     DI.REQUEST_ID = NVL(PA_BILLING.GETREQID, DI.REQUEST_ID)
AND     NVL(DII.TASK_ID, -1) = NVL(PA_BILLING.GETTASKID,
NVL(DII.TASK_ID, -1))
GROUP BY EV.PROJECT_ID,
        EV.TASK_ID,
        EV.EVENT_NUM,
        EV.EVENT_TYPE,
        EV.REVENUE_AMOUNT,
        EV.BILL_AMOUNT,
        EV.BILLING_ASSIGNMENT_ID,
        EV.ORGANIZATION_ID,
        EV.COMPLETION_DATE
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project to which the event is assigned.
TASK_ID	NULL	NUMBER(15)	The identifier of the top level task to which the event is assigned.

Column Descriptions (Continued)

Name	Null?	Type	Description
EVENT_NUM	NOT NULL	NUMBER(15)	The sequential number that identifies the event entered for a task
EVENT_TYPE	NOT NULL	VARCHAR2(30)	The event type that classifies the event
REVENUE_AMOUNT	NOT NULL	NUMBER(22,5)	The amount of revenue to accrue for the event upon the event's completion date
BILL_AMOUNT	NOT NULL	NUMBER(22,5)	The amount to be billed for the event on an invoice upon the event's completion date
BILLING_ASSIGNMENT_ID	NULL	NUMBER(15)	The unique identifier of billing extension assignment that is basis for creating the automatic event.
ORGANIZATION_ID	NOT NULL	NUMBER(15)	The unique identifier of the organization for the event. For example, this may be used to credit revenue to different organization.
COMPLETION_DATE	NULL	DATE	The date on which the event is complete and on or after which the event is processed for revenue accrual and/or invoicing

# PA\_BILLING\_REV\_DELETION\_V

PA\_BILLING\_REV\_DELETION\_V returns information about draft revenues that are eligible for deletion in the current run of revenue generation. When this view is used in billing extensions, the rows returned are limited to the rows for the specific request\_id and project being processed. This view should only be used from within a billing extension called during the revenue generation process.

View Definition

```
CREATE VIEW PA_BILLING_REV_DELETION_V
as SELECT
    DR.PROJECT_ID PROJECT_ID
    , DR.DRAFT_REVENUE_NUM DRAFT_REVENUE_NUM
    , DR.AGREEMENT_ID AGREEMENT_ID
FROM    PA_DRAFT_REVENUES DR
WHERE   DR.PROJECT_ID = NVL(PA_BILLING.GETPROJID,DR.PROJECT_ID)
AND (
    (DR.RELEASED_DATE||'' IS NULL
      AND NVL(PA_BILLING.GETMASSGEN,'N') = 'N')
    OR
    (DR.GENERATION_ERROR_FLAG||'' = 'Y'
      AND NVL(PA_BILLING.GETMASSGEN,'N') = 'Y')
    )
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project for which the invoice is generated.
DRAFT_REVENUE_NUM	NOT NULL	NUMBER(15)	Sequential number that identifies the draft invoice within a project
AGREEMENT_ID	NOT NULL	NUMBER(15)	Identifier of the agreement that funds the invoice

# PA\_BILLING\_REV\_INV\_DELETION\_V

PA\_BILLING\_REV\_INV\_DELETION\_V returns information regarding draft invoices that will be deleted during the current run of revenue generation. When this view is used within a billing extension, the rows returned are limited to a specific request\_id and project. This view should only be used within a billing extension called during the revenue generation process.

View Definition

```
CREATE VIEW PA_BILLING_REV_INV_DELETION_V
as SELECT
    DR.PROJECT_ID PROJECT_ID
    , DR.DRAFT_REVENUE_NUM DRAFT_REVENUE_NUM
    , DI.DRAFT_INVOICE_NUM DRAFT_INVOICE_NUM
    , DR.AGREEMENT_ID AGREEMENT_ID
FROM    PA_DRAFT_REVENUES DR,PA_DRAFT_INVOICES DI
WHERE   DI.PROJECT_ID = NVL(PA_BILLING.GETPROJID,DI.PROJECT_ID)
        AND DI.RELEASED_DATE||'' IS NULL
        AND (EXISTS
            (SELECT NULL
             FROM PA_CUST_REV_DIST_LINES L
             WHERE L.PROJECT_ID = DI.PROJECT_ID
                   AND L.DRAFT_REVENUE_NUM = DR.DRAFT_REVENUE_NUM
                   AND L.DRAFT_INVOICE_NUM = DI.DRAFT_INVOICE_NUM
            )
        OR
        EXISTS
            (SELECT NULL
             FROM PA_CUST_EVENT_REV_DIST_LINES L
             WHERE L.PROJECT_ID = DI.PROJECT_ID
                   AND L.DRAFT_REVENUE_NUM = DR.DRAFT_REVENUE_NUM
                   AND L.DRAFT_INVOICE_NUM = DI.DRAFT_INVOICE_NUM
            )
        )
    )
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project for which the invoice is generated
DRAFT_REVENUE_NUM	NOT NULL	NUMBER(15)	Sequential number that identifies the draft revenue within a project
DRAFT_INVOICE_NUM	NOT NULL	NUMBER(15)	Sequential number that identifies the draft invoice within a project
AGREEMENT_ID	NOT NULL	NUMBER(15)	Identifier of the agreement that funds the invoice

## PA\_BILLING\_REV\_TRANSACTIONS\_V

PA\_BILLING\_REV\_TRANSACTIONS\_V returns detail information for amounts processed in the current run of revenue generation. When this view is used in a billing extension, the rows returned are limited automatically to the rows for that request\_id, for that project/task and the appropriate calling place (regular vs adjustment).

This view should be used in a transaction-dependent billing extension that is being called in both regular and adjustment processing during revenue generation.

### View Definition

```
CREATE VIEW PA_BILLING_REV_TRANSACTIONS_V
as SELECT
    t.project_id
    ,t.task_id
    ,t.top_task_id
    ,ei.expenditure_type
    ,ei.system_linkage_function
    ,exp.expenditure_id
    ,exp.incurred_by_person_id
    ,ei.expenditure_item_id
    ,ei.expenditure_item_date
    ,ei.quantity
    ,ei.raw_cost
    ,ei.burden_cost
    ,sum(rdl.bill_amount)
    ,sum(rdl.amount)
    ,ei.project_currency_code
FROM
    pa_expenditures_all exp,
    pa_tasks t,
    pa_expenditure_items_all ei,
    pa_cust_rev_dist_lines rdl,
    pa_draft_revenue_items dri,
    pa_draft_revenues dr
Where ei.expenditure_id = exp.expenditure_id
AND    ei.task_id = t.task_id
AND    t.project_id = nvl(PA_BILLING.GetProjId,t.project_id)
AND    t.project_id = rdl.project_id
AND    t.top_task_id = nvl(PA_BILLING.GetTaskId, t.top_task_id)
AND    dri.request_id      = nvl(PA_BILLING.GetReqId,dri.request_id)
AND    ei.expenditure_item_id = rdl.expenditure_item_id
AND    dri.project_id      = dr.project_id
AND    dri.draft_revenue_num = dr.draft_revenue_num
AND    dri.project_id      = rdl.project_id
AND    dri.draft_revenue_num = rdl.draft_revenue_num
AND    dri.line_num        = rdl.draft_revenue_item_line_num
AND    ((PA_BILLING.GetCallPlace = 'ADJ'
        and dr.draft_revenue_num_credited IS NOT NULL)
OR (nvl(PA_BILLING.GetCallPlace,'REG') = 'REG'
    and dr.draft_revenue_num_credited IS NULL))
```

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```

GROUP BY    t.project_id,
            t.task_id,
            t.top_task_id,
            ei.expenditure_type,
            ei.system_linkage_function,
            exp.expenditure_id,
            exp.incurred_by_person_id,
            ei.expenditure_item_date,
            ei.expenditure_item_id,
            ei.quantity,
            ei.raw_cost,
            ei.burden_cost,
            ei.project_currency_code

```

*Column Descriptions*

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the task
TOP_TASK_ID	NOT NULL	NUMBER(15)	Identifier of the top task to which this tasks rolls up
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Classifies the type of work performed
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(3)	Classification of the expenditure group that indicates what type of charges are entered for the group
EXPENDITURE_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	Identifier of the employee who incurred the charges
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure item
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Date on which work occurred
QUANTITY	NULL	NUMBER(22,5)	Number of units of the work performed
RAW_COST	NULL	NUMBER	Total raw cost of the expenditure item
BURDENED_COST	NULL	NUMBER	Total burdened cost of the expenditure item
BILL_AMOUNT	NULL	NUMBER	Amount billed for the item
REVENUE_AMOUNT	NULL	NUMBER	Revenue amount of the expenditure item
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project functional currency code

## PA\_BILL\_RATES\_ALL

PA\_BILL\_RATES\_ALL stores billing rates or markups for employees, jobs, expenditure types, and non-labor resources. When you define standard billing rates, you must associate them with a standard bill rate schedule.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_NON_LABOR_RESOURCES	NON_LABOR_RESOURCE	NON_LABOR_RESOURCE
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID STD_BILL_RATE_SCHEDULE ORG_ID	BILL_RATE_ORGANIZATION_ID STD_BILL_RATE_SCHEDULE ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	BILL_RATE_SCH_ID	BILL_RATE_SCH_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID
PER_JOBS	JOB_ID	JOB_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BILL_RATE_UNIT	UNIT DOLLARS HOURS	PA_LOOKUPS Dollars Hours

### Column Descriptions

Name	Null?	Type	Description
BILL_RATE_ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the organization that owns the standard bill rate schedule to which the bill rate belongs
STD_BILL_RATE_SCHEDULE (PK)	NOT NULL	VARCHAR2(20)	The standard bill rate schedule to which the bill rate belongs
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 (PK)	NOT NULL	DATE	First effective date of the bill rate
PERSON_ID (PK)	NULL	NUMBER(9)	The identifier of the employee for which the bill rate is entered
JOB_ID (PK)	NULL	NUMBER(15)	The identifier of the job for which the bill rate is entered
EXPENDITURE_TYPE (PK)	NULL	VARCHAR2(30)	The non-labor expenditure type for which the bill rate is entered
NON_LABOR_RESOURCE (PK)	NULL	VARCHAR2(20)	The non-labor resource for which the bill rate is entered. The expenditure type is also populated if the non-labor resource is specified
RATE	NULL	NUMBER(22,5)	The bill rate used to determine an item's bill or revenue amount. Revenue = (bill rate * quantity)

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Column Descriptions (Continued)

Name	Null?	Type	Description
BILL_RATE_UNIT	NULL	VARCHAR2(30)	The code of the bill rate unit. Holds the unit of the expenditure type. This column is populated only if a bill rate is defined; it is not used with markup percentages.
MARKUP_PERCENTAGE	NULL	NUMBER(9,4)	The markup percentage over raw cost used to determine an item's revenue or bill amount. Revenue = raw cost * (1 + (markup/100))
END_DATE_ACTIVE	NULL	DATE	Last effective date of the bill rate
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
BILL_RATE_SCH_ID	NULL	NUMBER	The identifier of the Bill Rate Schedule

Indexes

Index Name	Index Type	Sequence	Column Name
PA_BILL_RATES_N1	NOT UNIQUE	1	BILL_RATE_ORGANIZATION_ID
		2	STD_BILL_RATE_SCHEDULE
		3	EXPENDITURE_TYPE
		4	START_DATE_ACTIVE
		5	NON_LABOR_RESOURCE
PA_BILL_RATES_N2	NOT UNIQUE	1	BILL_RATE_ORGANIZATION_ID
		2	STD_BILL_RATE_SCHEDULE
		3	JOB_ID
		4	START_DATE_ACTIVE
PA_BILL_RATES_U1	UNIQUE	1	BILL_RATE_ORGANIZATION_ID
		2	STD_BILL_RATE_SCHEDULE
		3	PERSON_ID
		4	START_DATE_ACTIVE
		5	JOB_ID
		6	EXPENDITURE_TYPE
		7	NON_LABOR_RESOURCE
PA_BILL_RATES_U2	NOT UNIQUE	9	ORG_ID
		2	BILL_RATE_SCH_ID

## PA\_BIS\_PRJ\_BY\_PRD\_DRILLS\_ALL

PA\_BIS\_PRJ\_BY\_PRD\_DRILLS\_ALL stores the data to be reported by the Oracle Business Intelligence Systems reports for Oracle Projects. The data is stored for projects, for various drilldowns, categorized by various columns and shown.

### Column Descriptions

Name	Null?	Type	Description
DRILLDOWN_TYPE	NULL	VARCHAR2(30)	The type of drilldown associated with the data
AMOUNT_TYPE_CODE	NULL	VARCHAR2(30)	The type of the amount, COST or REVENUE
PROJECT_ID	NULL	NUMBER	The identifier of the project
DRILLDOWN_KEY1	NULL	VARCHAR2(30)	The key used for drilldown to the next report
DRILLDOWN_KEY2	NULL	VARCHAR2(30)	The key used for drilldown to the next report
DRILLDOWN_KEY3	NULL	VARCHAR2(30)	The key used for drilldown to the next report
PERIOD_NAME	NULL	VARCHAR2(30)	The period name for the data
ACCUMULATION_PERIOD_TYPE	NULL	VARCHAR2(30)	The type of period for accumulation
START_DATE	NULL	DATE	The start date for the period
END_DATE	NULL	DATE	The end date for the period
SORT_ORDER	NULL	VARCHAR2(60)	The order in which the data is to be sorted in
ACTUAL	NULL	NUMBER	The actual amount column for cost or revenue
BUDGET	NULL	NUMBER	The budget amount column Only current versions of approved cost and approved revenue budgets used
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_BIS_PRJ_BY_PERD_DRLDNS_N1	NOT UNIQUE	1	DRILLDOWN_TYPE
		2	AMOUNT_TYPE_CODE
		3	PROJECT_ID
PA_BIS_PRJ_BY_PERD_DRLDNS_N2	NOT UNIQUE	1	DRILLDOWN_KEY1
		2	DRILLDOWN_KEY2

## PA\_BIS\_PRJ\_TO\_DATE\_DRILLS\_ALL

PA\_BIS\_PRJ\_TO\_DATE\_DRILLS\_ALL stores the data to be reported by the Oracle Business Intelligence Systems reports for Oracle Projects. The period and year to date data for a project is categorized by various columns and shown.

### Column Descriptions

Name	Null?	Type	Description
DRILLDOWN_TYPE	NULL	VARCHAR2(30)	The type of drilldown associated with the data
AMOUNT_TYPE_CODE	NULL	VARCHAR2(30)	The type of the amount, COST or REVENUE
DRILLDOWN_KEY1	NULL	VARCHAR2(30)	The key used for drilldown to the next report
DRILLDOWN_KEY2	NULL	VARCHAR2(30)	The key used for drilldown to the next report
DRILLDOWN_KEY3	NULL	VARCHAR2(30)	The key used for drilldown to the next report
PROJECT_ID	NULL	NUMBER	The identifier of the project
PROJECT_NUMBER	NULL	VARCHAR2(25)	The project number of the project
PROJECT_NAME	NULL	VARCHAR2(30)	The name of the project
SORT_ORDER	NULL	VARCHAR2(60)	The order in which the data is to be sorted in
ACTUAL_PTD	NULL	NUMBER	The period to date values for the actual amount
BUDGET_PTD	NULL	NUMBER	The period to date values for the budget amount
ACTUAL_YTD	NULL	NUMBER	The year to date values for the actual amount
BUDGET_YTD	NULL	NUMBER	The year to date values for the budget amount
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_BIS_PRJ_TO_DATE_DRLDNS_N1	NOT UNIQUE	1	DRILLDOWN_TYPE
		2	AMOUNT_TYPE_CODE
		3	DRILLDOWN_KEY1
		4	DRILLDOWN_KEY2
PA_BIS_PRJ_TO_DATE_DRLDNS_N2	NOT UNIQUE	1	PROJECT_ID

## PA\_BIS\_TOTALS\_BY\_PRD\_ALL

PA\_BIS\_TOTALS\_BY\_PRD\_ALL stores the data to be reported by the Oracle Business Intelligence System reports for Oracle Projects. The total cost and revenue is stored for a period.

### Column Descriptions

Name	Null?	Type	Description
AMOUNT_TYPE_CODE	NULL	VARCHAR2(30)	The type of the amount, COST or REVENUE
PERIOD_NAME	NULL	VARCHAR2(30)	The period name for the data
ACCUMULATION_PERIOD_TYPE	NULL	VARCHAR2(30)	The type of period for accumulation
START_DATE	NULL	DATE	The start date of the period
END_DATE	NULL	DATE	The end date of the period
SORT_ORDER	NULL	VARCHAR2(60)	The order in which the data is to be sorted in
ACTUAL	NULL	NUMBER	The actual amount column for cost or revenue
BUDGET	NULL	NUMBER	The budget amount column Only current versions of approved cost and approved revenue budgets used
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_BIS_TOTALS_BY_PERIOD_N1	NOT UNIQUE	1	AMOUNT_TYPE_CODE

## PA\_BIS\_TOTALS\_TO\_DATE\_ALL

PA\_BIS\_TOTALS\_TO\_DATE\_ALL stores the data to be reported by the Oracle Business Intelligence System reports for Oracle Projects. The period and year to date data for cost and revenue is stored.

### Column Descriptions

Name	Null?	Type	Description
AMOUNT_TYPE_CODE	NULL	VARCHAR2(30)	The type of the amount, COST or REVENUE
SORT_ORDER	NULL	VARCHAR2(60)	The order in which the data is to be sorted in
DRILLDOWN_INDICATOR	NULL	VARCHAR2(1)	The flag to indicate if there is nay drill available for this record Values are Y,N
ACTUAL_PTD	NULL	NUMBER	The period to date values for the actual amount
BUDGET_PTD	NULL	NUMBER	The period to date values for the budget amount
ACTUAL_YTD	NULL	NUMBER	The year to date values for the actual amount
BUDGET_YTD	NULL	NUMBER	The year to date values for the budget amount
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_BIS_TOTALS_TO_DATE_N1	NOT UNIQUE	1	AMOUNT_TYPE_CODE

PA\_BIS\_TO\_DATE\_DRILLS\_ALL

PA\_BIS\_TOTALS\_TO\_DATE\_DRILLS\_ALL stores the data to be reported by the Oracle Business Intelligence System reports for Oracle Projects. The period and year to date data for cost and revenue is stored for a period.

Column Descriptions

Name	Null?	Type	Description
DRILLDOWN_TYPE	NULL	VARCHAR2(30)	The type of drilldown associated with the data
AMOUNT_TYPE_CODE	NULL	VARCHAR2(30)	The type of the amount, COST or REVENUE
SORT_ORDER	NULL	VARCHAR2(60)	The order in which the data is to be sorted in
DRILLDOWN_KEY1	NULL	VARCHAR2(30)	The key used for drilldown to the next report
DRILLDOWN_KEY2	NULL	VARCHAR2(30)	The key used for drilldown to the next report
DRILLDOWN_KEY3	NULL	VARCHAR2(30)	The key used for drilldown to the next report
ACTUAL_PTD	NULL	NUMBER	The period to date values for the actual amount
BUDGET_PTD	NULL	NUMBER	The period to date values for the budget amount
ACTUAL_YTD	NULL	NUMBER	The year to date values for the actual amount
BUDGET_YTD	NULL	NUMBER	The year to date values for the budget amount
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

Indexes

Index Name	Index Type	Sequence	Column Name
PA_BIS_TO_DATE_DRILLDOWNS_N1	NOT UNIQUE	1	DRILLDOWN_TYPE
		2	AMOUNT_TYPE_CODE

## PA\_BUDGET\_ENTRY\_METHODS

PA\_BUDGET\_ENTRY\_METHODS stores the budget entry methods that specify and control how you enter a budget, including at what level in the work breakdown structure it is entered, what time periods are used for budgeting, the budget amount resource categorization, and what budget amounts are entered.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CATEGORIZATION_CODE	BUDGET CATEGORIZATION	PA_LOOKUPS
	N	None
	R	Enter budget by resource
ENTRY_LEVEL_CODE	BUDGET ENTRY LEVEL	PA_LOOKUPS
	L	Enter budget at lowest task level
	M	Enter budget at top task level or lowest task level
	P	Enter budget at project level
	T	Enter budget at top task level
TIME_PHASED_TYPE_CODE	BUDGET TIME PHASED TYPE	PA_LOOKUPS
	G	GL Period
	N	None
	P	PA Period
	R	Date Range

### Column Descriptions

Name	Null?	Type	Description
BUDGET_ENTRY_METHOD_CODE (PK)	NOT NULL	VARCHAR2(30)	The unique identifier of the budget entry method
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
BUDGET_ENTRY_METHOD	NOT NULL	VARCHAR2(30)	The short, user-friendly name of the budget entry method
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the budget entry method
ENTRY_LEVEL_CODE	NOT NULL	VARCHAR2(30)	The level that is used for budget entry
CATEGORIZATION_CODE	NOT NULL	VARCHAR2(30)	The resource categorization that is used for budget entry
COST_QUANTITY_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether cost quantity is enterable
RAW_COST_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether raw cost is enterable
BURDENED_COST_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether burdened cost is enterable
REV_QUANTITY_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether revenue quantity is enterable
REVENUE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether revenue is enterable

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Column Descriptions (Continued)

Name	Null?	Type	Description
TIME_PHASED_TYPE_CODE	NOT NULL	VARCHAR2(30)	The indicator of what time periods, if any, to use for budget entry
END_DATE_ACTIVE	NULL	DATE	Last effective date of the budget entry method
DESCRIPTION	NULL	VARCHAR2(255)	The description of the budget entry method
PREDEFINED_FLAG	NULL	VARCHAR2(1)	Indicates that the entry method has been predefined by Oracle Projects
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	
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
PA_BUDGET_ENTRY_METHODS_U1	UNIQUE	1	BUDGET_ENTRY_METHOD_CODE
PA_BUDGET_ENTRY_METHODS_U2	UNIQUE	1	BUDGET_ENTRY_METHOD



## PA\_BUDGET\_LINES

PA\_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 PA period, GL period, or any user-defined period.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	PERIOD_NAME
GL_PERIOD_STATUSES	PERIOD_NAME	PERIOD_NAME
PA_PERIODS_ALL	PERIOD_NAME	PERIOD_NAME
PA_RESOURCE_ASSIGNMENTS	RESOURCE_ASSIGNMENT_ID	RESOURCE_ASSIGNMENT_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CHANGE_REASON_CODE	BUDGET CHANGE REASON	PA_LOOKUPS
PM_PRODUCT_CODE	PM_PRODUCT_CODE	PA_LOOKUPS

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the resource assignment of the budget line
START_DATE (PK)	NOT NULL	DATE	The 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	The end date of the budget line
PERIOD_NAME	NUL	VARCHAR2(30)	The period of the budget line
QUANTITY	NUL	NUMBER	The quantity of the budget line
RAW_COST	NUL	NUMBER	The raw cost of the budget line
BURDENED_COST	NUL	NUMBER	The burdened cost of the budget line
REVENUE	NUL	NUMBER	The revenue of the budget line
CHANGE_REASON_CODE	NUL	VARCHAR2(30)	The reason to create the budget line
DESCRIPTION	NUL	VARCHAR2(255)	The description of the budget line
ATTRIBUTE_CATEGORY	NUL	VARCHAR2(30)	Descriptive flexfield context field
ATTRIBUTE1	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NUL	VARCHAR2(150)	Descriptive flexfield segment

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
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)	Currently not used
BURDENED_COST_SOURCE	NULL	VARCHAR2(2)	Currently not used
QUANTITY_SOURCE	NULL	VARCHAR2(2)	Currently not used
REVENUE_SOURCE	NULL	VARCHAR2(2)	Currently not used
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	The identifier of the external project management system from which the budget was imported.
PM_BUDGET_LINE_REFERENCE	NULL	VARCHAR2(25)	The identifier of the budget in the external project management system from which the budget was imported

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_BUDGET_LINES_N1	NOT UNIQUE	1	START_DATE
		2	END_DATE
PA_BUDGET_LINES_U1	UNIQUE	1	RESOURCE_ASSIGNMENT_ID
		2	START_DATE

## PA\_BUDGET\_TYPES

PA\_BUDGET\_TYPES stores the types of budgets that are used for different business purposes. There are two predefined budget types (approved cost and approved revenue). The implementation team can also define the budget types that are required in their business practice.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BUDGET_AMOUNT_CODE	BUDGET AMOUNT	PA_LOOKUPS
	C	Cost Budgets
	R	Revenue Budgets

### Column Descriptions

Name	Null?	Type	Description
BUDGET_TYPE_CODE (PK)	NOT NULL	VARCHAR2(30)	The unique identifier of budget type
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
BUDGET_TYPE	NOT NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the budget type
BUDGET_AMOUNT_CODE	NOT NULL	VARCHAR2(30)	Indicator if budget type is used for cost or revenue budget
PREDEFINED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the budget type is predefined.
ACCUMULATION_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the budget type is to be summarized for project summary amount. Currently it is not used. All budget types are summarized.
END_DATE_ACTIVE	NUL	DATE	Last effective date of the budget type
DESCRIPTION	NUL	VARCHAR2(255)	The description of the budget type
ENABLE_WF_FLAG	NUL	VARCHAR2(1)	This column indicates if a budget approval workflow can be enabled for this budget type.
ATTRIBUTE_CATEGORY	NUL	VARCHAR2(30)	Descriptive flexfield context field
ATTRIBUTE1	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NUL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NUL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

Indexes

Index Name	Index Type	Sequence	Column Name
PA_BUDGET_TYPES_N1	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_BUDGET_TYPES_U1	UNIQUE	1	BUDGET_TYPE_CODE
PA_BUDGET_TYPES_U2	UNIQUE	1	BUDGET_TYPE

Database Triggers

Trigger Name : PA\_ADW\_BUDGET\_TYPES\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to BUDGET\_TYPE column.

## PA\_BUDGET\_VERSIONS

PA\_BUDGET\_VERSIONS stores the versions of project budgets. There are three categories of budget versions: Draft, Baselined, and Original. For a project and budget type, there is one and only one draft budget. There can be many baselined budgets for a project 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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BUDGET_STATUS_CODE	BUDGET STATUS	PA_LOOKUPS
	B	Baselined
	S	Submitted
	W	Working
CHANGE_REASON_CODE	BUDGET CHANGE REASON	PA_LOOKUPS
LABOR_UNIT_OF_MEASURE	UNIT	PA_LOOKUPS
	DOLLARS	Dollars
	HOURS	Hours
PM_PRODUCT_CODE	PM_PRODUCT_CODE	PA_LOOKUPS
WF_STATUS_CODE	WF_STATUS_CODE	PA_LOOKUPS
	IN_ROUTE	In Progress
	REJECTED	Rejected

### Column Descriptions

Name	Null?	Type	Description
BUDGET_VERSION_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the budget version
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the budget is entered
BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	The type of budget
VERSION_NUMBER	NOT NULL	NUMBER(15)	The version number of the budget. For draft budget, the version number is always 1, for baselined budget this number is increased sequentially
BUDGET_STATUS_CODE	NOT NULL	VARCHAR2(30)	The 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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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)	The identifier of the resource list used by the budget version
VERSION_NAME	NULl	VARCHAR2(60)	The name of the budget version
BUDGET_ENTRY_METHOD_CODE	NULl	VARCHAR2(30)	The method used to enter the budget version
BASELINED_BY_PERSON_ID	NULl	NUMBER(15)	The identifier of the person who baselined the budget
BASELINED_DATE	NULl	DATE	The baselined date of the budget version
CHANGE_REASON_CODE	NULl	VARCHAR2(30)	The reason to create this budget version
LABOR_QUANTITY	NULl	NUMBER	The 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)	The unit of measure of labor hours for the project. This is always set to Hours.
RAW_COST	NULl	NUMBER	The raw cost budget of the project. This is a denormalized column
BURDENED_COST	NULl	NUMBER	The burdened cost budget of the project. It is a denormalized column
REVENUE	NULl	NUMBER	The revenue budget of the project. This is a denormalized column
DESCRIPTION	NULl	VARCHAR2(255)	The description of the budget version
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
FIRST_BUDGET_PERIOD	NULL	VARCHAR2(30)	First period for which to display amounts in budget matrix window
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	The identifier of the external project management system from which the budget was imported.
PM_BUDGET_REFERENCE	NULL	VARCHAR2(25)	The identifier of the budget in the external project management system from which the budget was imported
WF_STATUS_CODE	NULL	VARCHAR2(30)	This column stores the workflow status code for Budget Approval workflows
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.
PRC_GENERATED_FLAG	NULL	VARCHAR2(1)	For Future Use

Indexes

Index Name	Index Type	Sequence	Column Name
PA_BUDGET_VERSIONS_N1	NOT UNIQUE	1	CURRENT_FLAG
		2	PROJECT_ID
		3	BUDGET_TYPE_CODE
		4	RESOURCE_ACCUMULATED_FLAG
PA_BUDGET_VERSIONS_N2	NOT UNIQUE	1	CURRENT_ORIGINAL_FLAG
		2	PROJECT_ID
		3	BUDGET_TYPE_CODE
		4	RESOURCE_ACCUMULATED_FLAG
PA_BUDGET_VERSIONS_N3	NOT UNIQUE	2	ADW_NOTIFY_FLAG
		4	PROJECT_ID
		6	CURRENT_FLAG
PA_BUDGET_VERSIONS_U1	UNIQUE	1	BUDGET_VERSION_ID
PA_BUDGET_VERSIONS_U2	UNIQUE	1	PROJECT_ID
		2	BUDGET_TYPE_CODE
		3	BUDGET_STATUS_CODE
		4	VERSION_NUMBER

Sequences

Sequence	Derived Column
PA_BUDGET_VERSIONS_S	BUDGET_VERSION_ID

# PA\_BURDEN\_DETAILS\_BASE\_V

This view displays burden cost components for a given compiled set id, expenditure type, and expenditure organization.

### View Definition

```
CREATE VIEW PA_BURDEN_DETAILS_BASE_V
as SELECT
    ics.ind_compiled_set_id
    ,o.name
    ,ics.organization_id
    ,cbet.expenditure_type
    ,cb.cost_base
    ,cb.report_sort_order
    ,cm.ind_cost_code
    ,cm.precedence
    ,cm.multiplier
    ,cm.compiled_multiplier
    ,irs.ind_rate_sch_name
    ,irs.ind_rate_sch_id
    ,irsr.ind_rate_sch_revision
    ,irsr.ind_rate_sch_revision_id
    ,cbet.cost_plus_structure
FROM HR_ALL_ORGANIZATION_UNITS O
    , PA_COMPILED_MULTIPLIERS CM
    , PA_COST_BASE_EXP_TYPES CBET
    , PA_COST_BASES CB
    , PA_IND_COMPILED_SETS ICS
    , PA_IND_RATE_SCH_REVISIONS IRSR
    , PA_IND_RATE_SCHEDULES_ALL_BG IRS
WHERE cm.ind_compiled_set_id = ics.ind_compiled_set_id
AND ics.ind_rate_sch_revision_id = irsr.ind_rate_sch_revision_id
AND irsr.cost_plus_structure = cbet.cost_plus_structure
AND cm.cost_base = cbet.cost_base
AND cbet.cost_base_type = 'INDIRECT COST'
AND irs.ind_rate_sch_id = irsr.ind_rate_sch_id
AND ics.organization_id = o.organization_id
AND cb.cost_base = cbet.cost_base
AND cb.cost_base_type = cbet.cost_base_type
```

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BCC_PRECEDENCE	UID	PA_LOOKUPS
BURDEN_SCHEDULE_ID	UID	PA_LOOKUPS
BURDEN_SCHEDULE_REVISION_ID	UID	PA_LOOKUPS
CB_SORT_ORDER	UID	PA_LOOKUPS
COMPILED_SET_ID	UID	PA_LOOKUPS
EXPENDITURE_ORGANIZATION_ID	UID	PA_LOOKUPS



Column Descriptions

Name	Null?	Type	Description
COMPILED_SET_ID	NOT NULL	NUMBER(15)	Compiled Set Id
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Expenditure Organization
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Expenditure Organization Id
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure Type
COST_BASE	NOT NULL	VARCHAR2(30)	Cost base
CB_SORT_ORDER	NOT NULL	NUMBER(15)	Cost Base Sort Order
BURDEN_COST_CODE	NOT NULL	VARCHAR2(30)	Burden Cost Code
BCC_PRECEDENCE	NOT NULL	NUMBER(15)	Burden Cost Code Precedence
INPUT_MULTIPLIER	NOT NULL	NUMBER	Input Multiplier
COMPILED_MULTIPLIER	NOT NULL	NUMBER	Compiled Multiplier
BURDEN_SCHEDULE	NOT NULL	VARCHAR2(30)	Burden Schedule
BURDEN_SCHEDULE_ID	NOT NULL	NUMBER(15)	Burden Schedule Id
BURDEN_SCHEDULE_REVISION	NOT NULL	VARCHAR2(30)	Burden Schedule Revision
BURDEN_SCHEDULE_REVISION_ID	NOT NULL	NUMBER(15)	Burden Schedule Revision Id
BURDEN_STRUCTURE	NOT NULL	VARCHAR2(30)	Burden Structure

# PA\_BURDEN\_EXP\_ITEM\_CDL\_V

This view lists all the summarized burden expenditure items and their cost distribution lines.

### View Definition

```
CREATE VIEW PA_BURDEN_EXP_ITEM_CDL_V
as SELECT
    PT.PROJECT_TYPE
, P.SEGMENT1
, T.TASK_NUMBER
, CDL.PA_DATE
, EI.ATTRIBUTE1
, E.EXPENDITURE_GROUP
, EI.EXPENDITURE_TYPE
, EI.EXPENDITURE_ITEM_ID
, CDL.LINE_NUM
, EI.EXPENDITURE_ITEM_DATE
, CDL.BURDEN_SUM_SOURCE_RUN_ID

FROM PA_PROJECT_TYPES_ALL PT,
     PA_PROJECTS_ALL P,
     PA_TASKS T,
     PA_EXPENDITURES E,
     PA_EXPENDITURE_ITEMS_ALL EI,
     PA_COST_DISTRIBUTION_LINES_ALL CDL
WHERE PT.PROJECT_TYPE          = P.PROJECT_TYPE
AND PT.ORG_ID                  = P.ORG_ID
AND P.PROJECT_ID               = T.PROJECT_ID
AND T.TASK_ID                  = EI.TASK_ID
AND E.EXPENDITURE_ID           = EI.EXPENDITURE_ID
AND EI.EXPENDITURE_ITEM_ID     = CDL.EXPENDITURE_ITEM_ID
AND EI.BURDEN_SUM_DEST_RUN_ID  = CDL.BURDEN_SUM_SOURCE_RUN_ID
AND CDL.LINE_TYPE              = 'R'
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	Project type of the project to which the summarized burden expenditure item and CDLs belongs to
SEGMENT1	NOT NULL	VARCHAR2(25)	Project Number of the project to which the summarized burden expenditure item and CDLs belongs to
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Task Number of the project to which the summarized burden expenditure item and CDLs belongs to
PA_DATE	NULL	DATE	Account closing date of the summarized burden expenditure item

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Attribute1 of summarized burden expenditure item \ this field is used in GMS to store the sponsoring award id of the task/project
EXPENDITURE_GROUP	NULL	VARCHAR2(20)	Expenditure group associated with the Summarized burden expenditure item
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure item type of the summarized burden expenditure item. This will be same as the expenditure type associated with the burden cost code
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Expenditure_item_id of summarized burden expenditure item
LINE_NUM	NOT NULL	NUMBER(15)	Line number of the CDL of summarized burden expenditure item
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Date of creation of summarized burden expenditure item.
BURDEN_SUM_SOURCE_RUN_ID	NULL	NUMBER(15)	Run_id of the burden summarization program responsible for the creation of the summarized burden expenditure item.

## PA\_CC\_DIST\_LINES\_ALL

PA\_CC\_DIST\_LINES\_ALL stores information about the accounting distributions related to transfer price for cross charged expenditure items. This information will be interfaced to Oracle General Ledger from Oracle Projects.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	ACCT_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	DENOM_TP_CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DR_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CR_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	ACCT_TP_RATE_TYPE
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	IND_COMPILED_SET_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CROSS_CHARGE_CODE	CC_CROSS_CHARGE_CODE	PA_LOOKUPS
	B	Borrowed and Lent
	I	Intercompany Billing
	N	No Cross Charge Processing
	P	Pending
LINE_TYPE	X	Not Applicable
	CC_DIST_LINE_TYPE	PA_LOOKUPS
	BL	Borrowed and Lent
MARKUP_CALC_BASE_CODE	PC	Provider Cost Reclass
	CC_MARKUP_BASE_CODE	PA_LOOKUPS
	B	Burdened Cost
	C	Raw Cost
TRANSFER_REJECTION_CODE	R	Potential Revenue
	TRANSFER REJECTION CODE	PA_LOOKUPS
	AA_FAIL	Auto Accounting could not create flexfield
	ACCUM_FAIL	Could not accumulate
	BURDEN_FAIL	Error while burdening invoice item
	EXCHANGE_RATE_CHANGE	Exchange Rate was changed after invoice generation
	FUNC_CURR_NOT_XFER	You must first interface functional currency transactions.
	INVALID_AR_TRX_TYPE	Invalid AR Transaction Type Passed
	INVALID_TAX_CODE	The tax code specified for the draft invoice line is inactive
	KEY_FLEX_FAIL	Accounting flexfield could not be validated
	LOW_FUNDING	Low funding amount for this agreement

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	NO_ACTIVE_PROJ_MGR	No Active Project Manager is present
	NO_ACTIVE_SHIP_ADDR	No active ship to address id for this project's customer
	NO_GL_DATE	Could not create a valid GL date
	NO_INV_TYPE	No Invoice Type found using Invoice Organization Level
	NO_NET_ZERO_ADJ	NON Net Zero Adjustment
	NO_OUTPUT_TAX_CODE	Output Tax Code not specified for at least one invoice line.
	NO_PA_DATE	No PA Period in range
	NO_SRC_INVOICE	Source expenditure not tied back
	PA_CLIENT_EXTN_APP_ERROR	AR Transaction type extension returned application error.
	PA_CLIENT_EXTN_ORACLE_ERROR	AR Transaction type client extension returned Oracle error.
	PA_DFF_VALIDATION_FAILED	Descriptive Flexfield failed validation
	PA_DISAB_CRD_TYP	Sales credit type is disabled for the draft invoice
	PA_EXP_INV_PJTK	Project/Task validation error
	PA_EXP_PJ_TC	A project-level transaction control has been violated
	PA_EXP_TASK_EFF	The item date is not within the task active date
	PA_EXP_TASK_STATUS	The task is not chargeable
	PA_EXP_TASK_TC	A task-level transaction control has been violated
	PA_EX_PROJECT_CLOSED	You cannot charge expenditure items to a closed project
	PA_EX_PROJECT_DATE	The item date is not within the project active dates
	PA_NO_PROJECT_CURR_RATE	No conversion rate found for project currency attributes
	PA_NO_PROJ_USER_RATE_TYPE	Project currency conversion type User is not permitted
	PA_PROJ_USER_RATE_NOT_DEFINED	Project conversion rate missing for conversion type User
	TOO_MANY_LINES	Invoice has too many lines to transfer to RA
	TRANS_INV_DATA	Missing data on record to be transferred
TRANSFER_STATUS_CODE	TRANSFER STATUS	PA_LOOKUPS
	A	Accepted
	P	Pending
	R	Rejected
	T	Transferred
	V	Received
	X	Rejected in Transfer

## Column Descriptions

Name	Null?	Type	Description
CC_DIST_LINE_ID (PK)	NOT NULL	NUMBER	The system-generated number that uniquely identifies the cross charge distribution
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER	The identifier of the expenditure item to which the cross charge distribution belongs
LINE_NUM	NOT NULL	NUMBER	The sequential line number that identifies the cross charge distribution line for an expenditure item
LINE_TYPE	NOT NULL	VARCHAR2(2)	The type of the cross charge distribution line
CROSS_CHARGE_CODE	NOT NULL	VARCHAR2(1)	Indicates the cross charge processing method for the expenditure item.
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Functional currency code of the operating unit to which the cross charge distribution belongs
AMOUNT	NOT NULL	NUMBER	Amount to be posted to GL in the functional currency. If the line type is Borrowed or Lent, the amount is transfer price. If the line type is Provider Reclass, the amount is raw cost
PROJECT_ID	NOT NULL	NUMBER	Identifier of the project to which the expenditure item belongs. Denormalized column
TASK_ID	NOT NULL	NUMBER	Identifier of the task to which the expenditure item belongs. Denormalized column
REQUEST_ID	NOT NULL	NUMBER	Identifier of the concurrent program that last processed the 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
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column
ORG_ID	NULL	NUMBER	Identifier of the operating unit to which the cross charge distribution belongs
LINE_NUM_REVERSED	NULL	NUMBER	The distribution line number for the same expenditure item that is reversed by this distribution line
DIST_LINE_ID_REVERSED	NULL	NUMBER	Identifier of the cross charge distribution that the line reverses .
REVERSED_FLAG	NULL	VARCHAR2(1)	Indicates whether the line has been reversed
DENOM_TP_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency code of the transfer price
DENOM_TRANSFER_PRICE	NULL	NUMBER	Transaction amount of the transfer price

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACCT_TP_RATE_TYPE	NULL	VARCHAR2(30)	Rate type used to convert the transfer price amount from the transaction currency to the functional currency. Defaulted from the implementation options currency conversion attributes for transfer price
ACCT_TP_RATE_DATE	NULL	DATE	Rate date used to convert the transfer price amount from the transaction currency to the functional currency of the provider operating unit. Derived from the implementation options currency rate date code for transfer price conversion
ACCT_TP_EXCHANGE_RATE	NULL	NUMBER	Exchange rate used to convert the transfer price amount from the transaction currency to the functional currency of the provider operating unit
DR_CODE_COMBINATION_ID	NULL	NUMBER	Identifier of the GL debit account for the distribution
CR_CODE_COMBINATION_ID	NULL	NUMBER	Identifier of the GL credit account for the distribution
PA_DATE	NULL	DATE	The end date of the PA Period in which the distribution was processed. The PA date is determined by the cross charge process from the open or future PA period on or after the expenditure item date
GL_DATE	NULL	DATE	The end date of the GL accounting period to which the distribution is posted. This date is determined by the transfer program from the first open or future GL period on or after the distributions PA date
GL_BATCH_NAME	NULL	VARCHAR2(30)	The reference to a batch of lines transferred together. This is a concatenation of the liability code combination identifier, GL Date and Transfer request identifier separated by hyphens
TRANSFER_STATUS_CODE	NULL	VARCHAR2(30)	The status of the distribution line as the accounting information is transferred to GL.
TRANSFERRED_DATE	NULL	DATE	The date the record was transferred to GL
TRANSFER_REJECTION_CODE	NULL	VARCHAR2(30)	Rejection code if the record is rejected in transfer to GL.
MARKUP_CALC_BASE_CODE	NULL	VARCHAR2(1)	Audit column for transfer price derivation, thus only for borrowed and lent entries. Transaction amount on which the cross charge rate will be based.
IND_COMPILED_SET_ID	NULL	NUMBER	Audit column for transfer price derivation, thus only for borrowed and lent entries. Identifier of the burden compiled set if a burden schedule is used in determining the transfer price.

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Column Descriptions (Continued)

Name	Null?	Type	Description
BILL_RATE	NULL	NUMBER	Audit column for transfer price derivation, thus only for borrowed and lent entries. Bill rate used in deriving the transfer price if the transfer price was based on a rate defined in a bill rate schedule
TP_BASE_AMOUNT	NULL	NUMBER	Audit column for transfer price derivation, thus only for borrowed and lent entries. Base amount used to derive the transfer price, held in transfer price transaction currency
BILL_MARKUP_PERCENTAGE	NULL	NUMBER	Audit column for transfer price derivation, thus only for borrowed and lent entries. Percentage used in deriving the transfer price if the transfer price was based on a markup in bill rate schedule
SCHEDULE_LINE_PERCENTAGE	NULL	NUMBER	Audit column for transfer price derivation, thus only for borrowed and lent entries. Percentage applied to the calculated transfer price from the schedule line
RULE_PERCENTAGE	NULL	NUMBER	Audit column for transfer price derivation, thus only for borrowed and lent entries. Percentage applied to the calculated transfer price from the rule definition
REFERENCE_1	NULL	NUMBER	The reference to a record in another entity in Oracle Projects For Provider Reclassification entries, this contains the Invoice Detail identifier
REFERENCE_2	NULL	VARCHAR2(240)	The reference to a record in another entity in Oracle Projects For Provider reclassification entries, this contains the source of the amount which may be either the raw cost or the burdened cost
PROGRAM_APPLICATION_ID	NULL	NUMBER	This column is updated by the program application id when a concurrent program is run.
PROGRAM_ID	NULL	NUMBER	This column is updated by the program id when a concurrent program is run.
PROGRAM_UPDATE_DATE	NULL	DATE	This column is updated by the sysdate when a concurrent program is run.
REFERENCE_3	NULL	NUMBER	The reference to a record in another entity in Oracle Projects For Provider Reclassification entries, this contains the line number of the corresponding cost distribution line

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*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_CC_DIST_LINES_N1	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
PA_CC_DIST_LINES_N2	NOT UNIQUE	1	REQUEST_ID
		2	TRANSFER_STATUS_CODE
PA_CC_DIST_LINES_N3	NOT UNIQUE	1	TRANSFER_STATUS_CODE
PA_CC_DIST_LINES_U1	UNIQUE	1	CC_DIST_LINE_ID
PA_CC_DIST_LINES_U2	UNIQUE	1	EXPENDITURE_ITEM_ID
		2	LINE_TYPE
		3	LINE_NUM

## PA\_CC\_EXCEPTIONS\_DET\_MRC\_V

MRC cross charge distributions that prevent a period from being closed. This view is used in period close reports. It shows the details of all MRC cross charge distribution lines that prevent closing a period.

### View Definition

```
CREATE VIEW PA_CC_EXCEPTIONS_DET_MRC_V
as SELECT
    psv.set_of_books_id set_of_books_id , psv.project_id project_id , psv.project_number
project_number , psv.task_id task_id , pt.task_number , psv.recvr_org_id recvr_org_id ,
psv.recvr_org_name recvr_org_name , psv.employee_id , pf.full_name employee_name ,
psv.vendor_id vendor_id , pv.vendor_name vendor_name , psv.non_labor_org_id non_labor_org_id ,
otl1.name non_labor_org_name , psv.expnd_org_id expnd_org_id , otl2.name expnd_org_name ,
psv.EXPENDITURE_ID , psv.EXPENDITURE_ITEM_ID , psv.EXPENDITURE_ITEM_DATE , psv.EXPENDITURE_TYPE
, psv.CDL_LINE_NUM , psv.PA_DATE , psv.PERIOD_NAME , psv.ACCT_CURRENCY_CODE , psv.AMOUNT ,
psv.EXCEPTION_REASON , psv.CORRECTIVE_ACTION , psv.exception_code ,psv.system_linkage_function
FROM pa_cc_exceptions_sum_mrc_v psv, pa_tasks pt, per_people_f pf, po_vendors pv,
hr_all_organization_units_tl otl1, hr_all_organization_units_tl otl2
    Where psv.task_id=pt.task_id AND psv.employee_id=pf.person_id(+) AND
psv.vendor_id=pv.vendor_id(+) AND psv.non_labor_org_id=otl1.organization_id(+) AND
decode(otl1.organization_id,null,'1',otl1.language)=
decode(otl1.organization_id,null,'1',userenv('lang')) AND
psv.expnd_org_id=otl2.organization_id(+) AND
decode(otl2.organization_id,null,'1',otl2.language)=
decode(otl2.organization_id,null,'1',userenv('lang'))
```

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID	NULL	NUMBER	Refer to base table.
PROJECT_ID	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NULL	VARCHAR2(25)	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
RECVR_ORG_ID	NULL	NUMBER	Refer to base table.
RECVR_ORG_NAME	NULL	VARCHAR2(60)	Refer to base table.
EMPLOYEE_ID	NULL	NUMBER	Refer to base table.
EMPLOYEE_NAME	NULL	VARCHAR2(240)	Refer to base table.
VENDOR_ID	NULL	NUMBER	Refer to base table.
VENDOR_NAME	NULL	VARCHAR2(80)	Refer to base table.
NON_LABOR_ORG_ID	NULL	NUMBER	Refer to base table.
NON_LABOR_ORG_NAME	NULL	VARCHAR2(60)	Refer to base table.
EXPND_ORG_ID	NULL	NUMBER	Refer to base table.
EXPND_ORG_NAME	NULL	VARCHAR2(60)	Refer to base table.
EXPENDITURE_ID	NULL	NUMBER	Refer to base table.
EXPENDITURE_ITEM_ID	NULL	NUMBER	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
CDL_LINE_NUM	NULL	NUMBER	Refer to base table.
PA_DATE	NULL	DATE	Refer to base table.
PERIOD_NAME	NULL	VARCHAR2(20)	Refer to base table.
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXCEPTION_REASON	NULL	VARCHAR2(4000)	The reason for this transaction being in exception.
CORRECTIVE_ACTION	NULL	VARCHAR2(4000)	The corrective action to eliminate the exception.
EXCEPTION_CODE	NULL	VARCHAR2(30)	System defined code that classifies exception
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(3)	Refer to base table.

## PA\_CC\_EXCEPTIONS\_DET\_V

This view is in period close reports. It shows the details of all cross charge distribution lines that prevent closing a period.

### View Definition

```
CREATE VIEW PA_CC_EXCEPTIONS_DET_V
as SELECT
    psv.project_id project_id , psv.project_number project_number , psv.task_id task_id ,
    pt.task_number , psv.recvr_org_id recvr_org_id , psv.recvr_org_name recvr_org_name ,
    psv.employee_id , pf.full_name employee_name , psv.vendor_id vendor_id , pv.vendor_name
    vendor_name , psv.non_labor_org_id non_labor_org_id , ot11.name non_labor_org_name ,
    psv.expnd_org_id expnd_org_id , ot12.name expnd_org_name , psv.EXPENDITURE_ID ,
    psv.EXPENDITURE_ITEM_ID , psv.EXPENDITURE_ITEM_DATE , psv.EXPENDITURE_TYPE , psv.CDL_LINE_NUM ,
    psv.PA_DATE , psv.PERIOD_NAME , psv.ACCT_CURRENCY_CODE , psv.AMOUNT , psv.EXCEPTION_REASON ,
    psv.CORRECTIVE_ACTION , psv.exception_code , psv.system_linkage_function FROM
    pa_cc_exceptions_sum_v psv, pa_tasks pt, per_people_f pf, po_vendors pv,
    hr_all_organization_units_tl ot11, hr_all_organization_units_tl ot12
    Where psv.task_id=pt.task_id AND psv.employee_id=pf.person_id(+) AND
    psv.vendor_id=pv.vendor_id(+) AND psv.non_labor_org_id=ot11.organization_id(+) AND
    decode(ot11.organization_id,null,'1',ot11.language)=
    decode(ot11.organization_id,null,'1',userenv('lang')) AND
    psv.expnd_org_id=ot12.organization_id(+) AND
    decode(ot12.organization_id,null,'1',ot12.language)=
    decode(ot12.organization_id,null,'1',userenv('lang'))
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Project Id of the cross charge distribution.
PROJECT_NUMBER	NULL	VARCHAR2(25)	Project number of the cross charge distribution.
TASK_ID	NULL	NUMBER	Task id of the cross charge distribution.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Task number of the cross charge distribution.
RECVR_ORG_ID	NULL	NUMBER	Receiver operating unit identifier of the cross charge distribution.
RECVR_ORG_NAME	NULL	VARCHAR2(60)	Receiver operating unit of the cross charge distribution.
EMPLOYEE_ID	NULL	NUMBER	Employee identifier of the cross charge distribution.
EMPLOYEE_NAME	NULL	VARCHAR2(240)	Employee name of the cross charge distribution.
VENDOR_ID	NULL	NUMBER	Vendor Id.
VENDOR_NAME	NULL	VARCHAR2(80)	Vendor Name.
NON_LABOR_ORG_ID	NULL	NUMBER	Non-Labor Org Id.
NON_LABOR_ORG_NAME	NULL	VARCHAR2(60)	Non-Labor Org Name.
EXPND_ORG_ID	NULL	NUMBER	Expenditure Org Id.
EXPND_ORG_NAME	NULL	VARCHAR2(60)	Expenditure Org Id.
EXPENDITURE_ID	NULL	NUMBER	Expenditure Id.
EXPENDITURE_ITEM_ID	NULL	NUMBER	Expenditure Item Id.
EXPENDITURE_ITEM_DATE	NULL	DATE	Expenditure Item Id
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure Type.

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Column Descriptions (Continued)

Name	Null?	Type	Description
CDL_LINE_NUM	NULL	NUMBER	Line Number.
PA_DATE	NULL	DATE	PA Date.
PERIOD_NAME	NULL	VARCHAR2(20)	Period Name.
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Accounting Currency Code.
AMOUNT	NULL	NUMBER	Amount.
EXCEPTION_REASON	NULL	VARCHAR2(4000)	The reason for this transaction being in exception.
CORRECTIVE_ACTION	NULL	VARCHAR2(4000)	The corrective action to eliminate the exception.
EXCEPTION_CODE	NULL	VARCHAR2(30)	System defined code that classifies exception
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(3)	Expenditure Type Class.

## PA\_CC\_EXCEPTIONS\_SUM\_MRC\_V

This view is used in period close reports. It shows all cross charge distribution lines that prevent closing a period.

### View Definition

```
CREATE VIEW PA_CC_EXCEPTIONS_SUM_MRC_V
as SELECT
    mcdl.set_of_books_id set_of_books_id , CDL.project_id project_id , PP.segment1
project_number , CDL.task_id task_id , EI.recvr_org_id recvr_org_id , otl.name recvr_org_name ,
EXP.INCURRED_BY_PERSON_ID employee_id , exp.vendor_id vendor_id , EI.organization_id
non_labor_org_id , nvl(EI.OVERRIDE_TO_ORGANIZATION_ID,EXP.INCURRED_BY_ORGANIZATION_ID) ,
EI.EXPENDITURE_ID EXPENDITURE_ID , EI.EXPENDITURE_ITEM_ID EXPENDITURE_ITEM_ID ,
EI.EXPENDITURE_ITEM_DATE EXPENDITURE_ITEM_DATE , EI.EXPENDITURE_TYPE EXPENDITURE_TYPE ,
MCDL.LINE_NUM CDL_LINE_NUM , CDL.PA_DATE PA_DATE , PRD.PERIOD_NAME PERIOD_NAME ,
MCDL.ACCT_CURRENCY_CODE , MCDL.AMOUNT , PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('CC_EXCP',
MCDL.TRANSFER_REJECTION_CODE, null, 'R') EXCEPTION_REASON ,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('CC_EXCP', MCDL.TRANSFER_rejection_CODE, null, 'A')
CORRECTIVE_ACTION ,MCDL.TRANSFER_REJECTION_CODE ,EI.system_linkage_function , 'P'
cdl_exception_type FROM PA_CC_DIST_LINES_ALL CDL, PA_MC_CC_DIST_LINES_ALL MCDL,
PA_EXPENDITURE_ITEMS_ALL EI, PA_EXPENDITURES_ALL EXP, PA_PERIODS PRD, PA_PROJECTS_ALL PP,
hr_all_organization_units_tl otl
Where CDL.EXPENDITURE_ITEM_ID=MCDL.EXPENDITURE_ITEM_ID AND CDL.line_num=MCDL.line_num AND
EI.EXPENDITURE_ITEM_ID = MCDL.EXPENDITURE_ITEM_ID AND EXP.EXPENDITURE_ID=EI.EXPENDITURE_ID AND
CDL.project_id=pp.project_id AND EI.recvr_org_id=otl.organization_id(+) AND
decode(otl.organization_id,null,'1',otl.language)=
decode(otl.organization_id,null,'1',userenv('lang')) AND MCDL.TRANSFER_STATUS_CODE IN ('P','R')
AND CDL.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE UNION ALL SELECT mcdl.set_of_books_id
set_of_books_id , CDL.project_id project_id , PP.segment1 project_number , CDL.task_id task_id
, EI.recvr_org_id recvr_org_id , otl.name recvr_org_name , EXP.INCURRED_BY_PERSON_ID
employee_id , exp.vendor_id vendor_id , EI.organization_id non_labor_org_id ,
nvl(EI.OVERRIDE_TO_ORGANIZATION_ID,EXP.INCURRED_BY_ORGANIZATION_ID) , EI.EXPENDITURE_ID
EXPENDITURE_ID , EI.EXPENDITURE_ITEM_ID EXPENDITURE_ITEM_ID , EI.EXPENDITURE_ITEM_DATE
EXPENDITURE_ITEM_DATE , EI.EXPENDITURE_TYPE EXPENDITURE_TYPE , MCDL.LINE_NUM CDL_LINE_NUM ,
CDL.PA_DATE PA_DATE , PRD.PERIOD_NAME PERIOD_NAME , MCDL.ACCT_CURRENCY_CODE , MCDL.AMOUNT ,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('CC_EXCP', MCDL.TRANSFER_REJECTION_CODE, null, 'R')
EXCEPTION_REASON , PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('CC_EXCP',
MCDL.TRANSFER_rejection_CODE, null, 'A') CORRECTIVE_ACTION ,MCDL.TRANSFER_REJECTION_CODE
,EI.system_linkage_function , 'I' cdl_exception_type FROM PA_CC_DIST_LINES_ALL CDL,
PA_MC_CC_DIST_LINES_ALL MCDL, PA_EXPENDITURE_ITEMS_ALL EI, PA_EXPENDITURES_ALL EXP, PA_PERIODS
PRD, PA_PROJECTS_ALL PP, hr_all_organization_units_tl otl, gl_je_categories c, gl_je_sources s,
gl_interface int WHERE CDL.EXPENDITURE_ITEM_ID=MCDL.EXPENDITURE_ITEM_ID AND
CDL.line_num=MCDL.line_num AND EI.EXPENDITURE_ITEM_ID = MCDL.EXPENDITURE_ITEM_ID AND
EXP.EXPENDITURE_ID=EI.EXPENDITURE_ID AND CDL.project_id=pp.project_id AND
EI.recvr_org_id=otl.organization_id(+) AND decode(otl.organ
ization_id,null,'1',otl.language)= decode(otl.organization_id,null,'1',userenv('lang')) AND
MCDL.TRANSFER_STATUS_CODE ='A' AND CDL.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE AND
int.code_combination_id=CDL.dr_code_combination_id AND int.reference21=mcdl.gl_batch_name AND
int.user_je_source_name=s.user_je_source_name AND int.user_je_category_name
=c.user_je_category_name AND s.je_source_names='Project Accounting' AND c.je_category_name in
('BORROWED_AND_LENT','PROVIDER_COST_RECLASS')
```

Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID	NULL	NUMBER(15)	Set Of Books Id of the cross charge distribution.
PROJECT_ID	NULL	NUMBER	Project Id of the cross charge distribution.
PROJECT_NUMBER	NULL	VARCHAR2(25)	Project number of the cross charge distribution.
TASK_ID	NULL	NUMBER	Task id of the cross charge distribution.
RECVR_ORG_ID	NULL	NUMBER	Receiver operating unit identifier of the cross charge distribution.
RECVR_ORG_NAME	NULL	VARCHAR2(60)	Receiver operating unit of the cross charge distribution.
EMPLOYEE_ID	NULL	NUMBER(9)	Employee identifier of the cross charge distribution.
VENDOR_ID	NULL	NUMBER	Vendor Id.
NON_LABOR_ORG_ID	NULL	NUMBER(15)	Non-Labor Org Id.
EXPND_ORG_ID	NULL	NUMBER	Expenditure Org Id.
EXPENDITURE_ID	NULL	NUMBER(15)	Expenditure Id.
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	Expenditure Item Id.
EXPENDITURE_ITEM_DATE	NULL	DATE	Expenditure Item Id
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure Type.
CDL_LINE_NUM	NULL	NUMBER	Line Number.
PA_DATE	NULL	DATE	PA Date.
PERIOD_NAME	NULL	VARCHAR2(20)	Period Name.
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Accounting Currency Code.
AMOUNT	NULL	NUMBER	Amount.
EXCEPTION_REASON	NULL	VARCHAR2(4000)	The reason for this transaction being in exception.
CORRECTIVE_ACTION	NULL	VARCHAR2(4000)	The corrective action to eliminate the exception.
EXCEPTION_CODE	NULL	VARCHAR2(30)	System defined code that classifies exception
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(3)	Expenditure Type Class.
CCD_EXCEPTION_TYPE	NULL	VARCHAR2(1)	Exception Type.

## PA\_CC\_EXCEPTIONS\_SUM\_V

Cross charge distributions that prevent a period from being closed. This view is used in period close reports. It shows all cross charge distribution lines that prevent closing a period.

### View Definition

```
CREATE VIEW PA_CC_EXCEPTIONS_SUM_V
as SELECT
    CDL.project_id project_id , PP.segment1 project_number , CDL.task_id task_id ,
    EI.recvr_org_id recvr_org_id , otl.name recvr_org_name , EXP.INCURRED_BY_PERSON_ID employee_id
    , exp.vendor_id vendor_id , EI.organization_id non_labor_org_id ,
    nvl(EI.OVERRIDE_TO_ORGANIZATION_ID,EXP.INCURRED_BY_ORGANIZATION_ID) , EI.EXPENDITURE_ID
    EXPENDITURE_ID , EI.EXPENDITURE_ITEM_ID EXPENDITURE_ITEM_ID , EI.EXPENDITURE_ITEM_DATE
    EXPENDITURE_ITEM_DATE , EI.EXPENDITURE_TYPE EXPENDITURE_TYPE , CDL.LINE_NUM CDL_LINE_NUM ,
    CDL.PA_DATE PA_DATE , PRD.PERIOD_NAME PERIOD_NAME , CDL.ACCT_CURRENCY_CODE , CDL.AMOUNT ,
    PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('CC_EXCP' , CDL.TRANSFER_REJECTION_CODE, null, 'R')
    EXCEPTION_REASON , PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('CC_EXCP' ,
    CDL.TRANSFER_rejection_CODE, null, 'A') CORRECTIVE_ACTION
    ,nvl(CDL.TRANSFER_REJECTION_CODE,CDL.TRANSFER_STATUS_CODE) ,ei.system_linkage_function , 'P'
    cdl_exception_type FROM PA_CC_DIST_LINES CDL, PA_EXPENDITURE_ITEMS EI, PA_EXPENDITURES_ALL EXP,
    PA_PERIODS PRD, PA_PROJECTS PP, hr_all_organization_units_tl otl
    Where EI.EXPENDITURE_ITEM_ID = CDL.EXPENDITURE_ITEM_ID AND
    EXP.EXPENDITURE_ID=EI.EXPENDITURE_ID AND CDL.project_id=pp.project_id AND
    EI.recvr_org_id=otl.organization_id(+) AND decode(otl.organization_id,null,'1',otl.language)=
    decode(otl.organization_id,null,'1',userenv('lang')) AND CDL.TRANSFER_STATUS_CODE IN ('P','R')
    AND CDL.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE UNION ALL SELECT CDL.project_id
    project_id , PP.segment1 project_number , CDL.task_id task_id , EI.recvr_org_id recvr_org_id ,
    otl.name recvr_org_name , EXP.INCURRED_BY_PERSON_ID employee_id , exp.vendor_id vendor_id ,
    EI.organization_id non_labor_org_id ,
    nvl(EI.OVERRIDE_TO_ORGANIZATION_ID,EXP.INCURRED_BY_ORGANIZATION_ID) , EI.EXPENDITURE_ID
    EXPENDITURE_ID , EI.EXPENDITURE_ITEM_ID EXPENDITURE_ITEM_ID , EI.EXPENDITURE_ITEM_DATE
    EXPENDITURE_ITEM_DATE , EI.EXPENDITURE_TYPE EXPENDITURE_TYPE , CDL.LINE_NUM CDL_LINE_NUM ,
    CDL.PA_DATE PA_DATE , PRD.PERIOD_NAME PERIOD_NAME , CDL.ACCT_CURRENCY_CODE , CDL.AMOUNT ,
    PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('CC_EXCP' , CDL.TRANSFER_REJECTION_CODE, null, 'R')
    EXCEPTION_REASON , PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('CC_EXCP' ,
    CDL.TRANSFER_rejection_CODE, null, 'A') CORRECTIVE_ACTION
    ,nvl(CDL.TRANSFER_REJECTION_CODE,CDL.TRANSFER_STATUS_CODE) ,ei.system_linkage_function , 'I'
    cdl_exception_type FROM PA_CC_DIST_LINES CDL, PA_EXPENDITURE_ITEMS EI, PA_EXPENDITURES_ALL EXP,
    PA_PERIODS PRD, PA_PROJECTS PP, hr_all_organization_units_tl otl, gl_je_categories c,
    gl_je_sources s, gl_interface int WHERE EI.EXPENDITURE_ITEM_ID = CDL.EXPENDITURE_ITEM_ID AND
    EXP.EXPENDITURE_ID=EI.EXPENDITURE_ID AND CDL.project_id=pp.project_id AND
    EI.recvr_org_id=otl.organization_id(+) AND decode(otl.organization_id,null,'1',otl.language)=
    decode(otl.organization_id,null,'1',userenv('lang')) AND CDL.TRANSFER_STATUS_CODE='A' AND
    CDL.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE AND
    int.code_combination_id=CDL.dr_code_combination
    _id AND int.reference21=cdl.gl_batch_name AND int.user_je_source_name=s.user_je_source_name
    AND int.user_je_category_name =c.user_je_category_name AND s.je_source_name='Project
    Accounting' AND c.je_category_name in ('BORROWED_AND_LENT','PROVIDER_COST_RECLASS')
```



Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Project Id of the cross charge distribution.
PROJECT_NUMBER	NULL	VARCHAR2(25)	Project number of the cross charge distribution.
TASK_ID	NULL	NUMBER	Task id of the cross charge distribution.
RECVR_ORG_ID	NULL	NUMBER	Receiver operating unit identifier of the cross charge distribution.
RECVR_ORG_NAME	NULL	VARCHAR2(60)	Receiver operating unit of the cross charge distribution.
EMPLOYEE_ID	NULL	NUMBER(9)	Employee identifier of the cross charge distribution.
VENDOR_ID	NULL	NUMBER	Vendor Id.
NON_LABOR_ORG_ID	NULL	NUMBER(15)	Non-Labor Org Id.
EXPND_ORG_ID	NULL	NUMBER	Expenditure Org Id.
EXPENDITURE_ID	NULL	NUMBER(15)	Expenditure Id.
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	Expenditure Item Id.
EXPENDITURE_ITEM_DATE	NULL	DATE	Expenditure Item Id
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure Type.
CDL_LINE_NUM	NULL	NUMBER	Line Number.
PA_DATE	NULL	DATE	PA Date.
PERIOD_NAME	NULL	VARCHAR2(20)	Period Name.
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Accounting Currency Code.
AMOUNT	NULL	NUMBER	Amount.
EXCEPTION_REASON	NULL	VARCHAR2(4000)	The reason for this transaction being in exception.
CORRECTIVE_ACTION	NULL	VARCHAR2(4000)	The corrective action to eliminate the exception.
EXCEPTION_CODE	NULL	VARCHAR2(30)	System defined code that classifies exception
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(3)	Expenditure Type Class.
CCD_EXCEPTION_TYPE	NULL	VARCHAR2(1)	Refer to base table.

## PA\_CC\_GL\_COST\_XFER\_AUDIT\_V

This view shows the cross charge transactions in Oracle Projects for both GL Categories (Borrowed and Lent category and Provider Cost Reclass category) and the corresponding GL Journal Entry batch numbers and period into which these transactions were posted. It provides audit between accounting (cross charge cost) transactions in Oracle Projects and transactions in Oracle General Ledger.

### View Definition

```
CREATE VIEW PA_CC_GL_COST_XFER_AUDIT_V
as SELECT
    ccd.cc_dist_line_id      CC_DIST_LINE_ID,
    ccd.line_type           CC_DIST_LINE_TYPE,
    ei.expenditure_item_id  EXPENDITURE_ITEM_ID,
    ccd.line_num            CC_DIST_LINE_NUM,
    jel.code_combination_id CODE_COMBINATION_ID,
    prj.project_id          PROJECT_ID,
    prj.segment1            PROJECT_NUMBER,
    task.task_id            TASK_ID,
    task.task_number        TASK_NUMBER,
    ei.expenditure_type      EXPENDITURE_TYPE,
    ei.expenditure_item_date EXPENDITURE_ITEM_DATE,
    DECODE(emp.full_name, null, hr.name, emp.full_name )
                          EMP_OR_ORG_NAME,
    jeb.name                JE_BATCH_NAME,
    replace(jeb.name, jes.user_je_source_name || ' ' )
                          JE_REP_BATCH_NAME,
    jeb.je_batch_id         JE_BATCH_ID,
    jeh.period_name         PERIOD_NAME,
    jeh.je_header_id        JE_HEADER_ID,
    jel.je_line_num         JE_LINE_NUMBER,
    ccd.gl_date             GL_DATE,
    ccd.transferred_date    TRANSFERRED_DATE,
    ccd.amount              GL_DR_AMOUNT,
    to_number(null)         GL_CR_AMOUNT
FROM
    gl_je_sources          jes,
    hr_all_organization_units_tl hr,
    per_people_f           emp,
    pa_projects_all        prj,
    pa_tasks               task,
    pa_expenditures_all    exp,
    pa_expenditure_items_all ei,
    pa_cc_dist_lines_all   ccd,
    gl_je_lines            jel,
    gl_je_headers          jeh,
    gl_je_batches          jeb
Where prj.project_id      = ccd.project_id
AND    ccd.task_id        = task.task_id
AND    ccd.expenditure_item_id = ei.expenditure_item_id
AND    ccd.transfer_status_code || '' = 'A'
AND    ccd.gl_batch_name = jel.reference_1 || ''
AND    ccd.dr_code_combination_id = jel.code_combination_id
```

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```

AND    jel.reference_3           = 'Cross Charge Debit'
AND    jeh.je_batch_id          = jeb.je_batch_id
AND    jeh.je_header_id         = jel.je_header_id
AND    exp.expenditure_id       = ei.expenditure_id
AND    exp.incurred_by_person_id = emp.person_id (+)
AND    (ei.expenditure_item_date
        BETWEEN nvl(emp.effective_start_date, ei.expenditure_item_date)
        AND nvl(emp.effective_end_date, ei.expenditure_item_date ))
AND    jes.je_source_name = 'Project Accounting'
AND    NVL(ei.override_to_organization_id, exp.incurred_by_organization_id)
        = hr.organization_id
AND    decode(hr.organization_id, null, '1', hr.language)
        = decode(hr.organization_id, null, '1', USERENV('lang'))
AND    NVL(ccd.org_id, NVL(TO_NUMBER(DECODE(SUBSTR(USERENV('CLIENT_INFO'),1,1),
        ' ', NULL, SUBSTR(USERENV('CLIENT_INFO'),1,10))), -99)) =
        NVL(TO_NUMBER(DECODE(SUBSTR(USERENV('CLIENT_INFO'),1,1),
        ' ', NULL, SUBSTR(USERENV('CLIENT_INFO'),1,10))), -99)
UNION ALL
SELECT
    ccd.cc_dist_line_id      CC_DIST_LINE_ID,
    ccd.line_type            CC_DIST_LINE_TYPE,
    ei.expenditure_item_id   EXPENDITURE_ITEM_ID,
    ccd.line_num             CC_DIST_LINE_NUM,
    jel.code_combination_id  CODE_COMBINATION_ID,
    prj.project_id           PROJECT_ID,
    prj.segment1             PROJECT_NUMBER,
    task.task_id             TASK_ID,
    task.task_number         TASK_NUMBER,
    ei.expenditure_type       EXPENDITURE_TYPE,
    ei.expenditure_item_date EXPENDITURE_ITEM_DATE,
    DECODE(emp.full_name, null, hr.name, emp.full_name )
        EMP_OR_ORG_NAME,
    jeb.name                 JE_BATCH_NAME,

    replace(jeb.name, jes.user_je_source_name || ' ')
        JE_REP_BATCH_NAME,
    jeb.je_batch_id          JE_BATCH_ID,
    jeh.period_name          PERIOD_NAME,
    jeh.je_header_id         JE_HEADER_ID,
    jel.je_line_num          JE_LINE_NUMBER,
    ccd.gl_date              GL_DATE,
    ccd.transferred_date     TRANSFERRED_DATE,
    to_number(null)          GL_DR_AMOUNT,
    ccd.amount               GL_CR_AMOUNT

FROM
    gl_je_sources            jes,
    hr_all_organization_units_tl hr,
    per_people_f             emp,
    pa_projects_all          prj,
    pa_tasks                 task,
    pa_expenditures_all      exp,
    pa_expenditure_items_all ei,
    pa_cc_dist_lines_all     ccd,
    gl_je_lines              jel,
    gl_je_headers            jeh,
    gl_je_batches            jeb
WHERE

```

```

        prj.project_id          = ccd.project_id
AND    ccd.task_id             = task.task_id
AND    ccd.expenditure_item_id = ei.expenditure_item_id
AND    ccd.transfer_status_code||'' = 'A'
AND    ccd.gl_batch_name = jel.reference_1 || ''
AND    ccd.cr_code_combination_id = jel.code_combination_id
AND    jel.reference_3         = 'Cross Charge Credit'
AND    jeh.je_batch_id         = jeb.je_batch_id
AND    jeh.je_header_id        = jel.je_header_id
AND    exp.expenditure_id      = ei.expenditure_id
AND    exp.incurring_by_person_id = emp.person_id (+)
AND    (ei.expenditure_item_date
        BETWEEN nvl(emp.effective_start_date, ei.expenditure_item_date)
        AND nvl(emp.effective_end_date,ei.expenditure_item_date ))
AND    jes.je_source_name = 'Project Accounting'
AND    NVL(ei.override_to_organization_id, exp.incurring_by_organization_id)
        = hr.organization_id
AND    decode(hr.organization_id, null, '1', hr.language)
        = decode(hr.organization_id, null, '1', USERENV('lang'))
AND    N
        VL(ccd.org_id,NVL(TO_NUMBER(DECODE(SUBSTR(USERENV('CLIENT_INFO'),1,1),
        ' ',NULL,SUBSTR(USERENV('CLIENT_INFO'),1,10))), -99)) =
        NVL(TO_NUMBER(DECODE(SUBSTR(USERENV('CLIENT_INFO'),1,1),
        ' ',NULL,SUBSTR(USERENV('CLIENT_INFO'),1,10))),-99)

```

#### Column Descriptions

Name	Null?	Type	Description
CC_DIST_LINE_ID	NULL	NUMBER	Cross Charge Distribution Line Id
CC_DIST_LINE_TYPE	NULL	VARCHAR2(2)	Cross Charge Distribution Line Type
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	Expenditure Item Id
CC_DIST_LINE_NUM	NULL	NUMBER	Cross Charge Cost Distribution Line Number
CODE_COMBINATION_ID	NULL	NUMBER(15)	Account Code Combination Id
PROJECT_ID	NULL	NUMBER(15)	Project Id
PROJECT_NUMBER	NULL	VARCHAR2(25)	Project Number
TASK_ID	NULL	NUMBER(15)	Task Id
TASK_NUMBER	NULL	VARCHAR2(25)	Task Number
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure Type
EXPENDITURE_ITEM_DATE	NULL	DATE	Expenditure Item Date
EMP_OR_ORG_NAME	NULL	VARCHAR2(240)	Employee name or organization name
JE_BATCH_NAME	NULL	VARCHAR2(100)	GL Journal Entry Batch Name
JE_REP_BATCH_NAME	NULL	VARCHAR2(100)	GL Journal Entry Batch Name stripped of the User source for reporting
JE_BATCH_ID	NULL	NUMBER(15)	GL Journal Entry Batch ID
PERIOD_NAME	NULL	VARCHAR2(15)	GL Journal Entry Period
JE_HEADER_ID	NULL	NUMBER(15)	GL Journal Entry Header Defining Column
JE_LINE_NUMBER	NULL	NUMBER(15)	GL Journal Entry Line Number
GL_DATE	NULL	DATE	The end date of the accounting period to which this cost is posted

Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSFERRED_DATE	NULL	DATE	The date on which this distribution was transferred to GL
GL_DR_AMOUNT	NULL	NUMBER	Amount debited in this transaction
GL_CR_AMOUNT	NULL	NUMBER	Amount credited in this transaction

## PA\_CC\_ORG\_RELATIONSHIPS

PA\_CC\_ORG\_RELATIONSHIPS stores the relationship between operating units and the attributes that specify cross charge control and processing.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	AP_INV_EXP_ORGANIZATION_ID
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	AP_INV_EXP_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PRVDR_PROJECT_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CROSS_CHARGE_CODE	CC_CROSS_CHARGE_CODE	PA_LOOKUPS
	B	Borrowed and Lent
	I	Intercompany Billing
	N	No Cross Charge Processing
	P	Pending
	X	Not Applicable

### Column Descriptions

Name	Null?	Type	Description
PRVDR_ORG_ID (PK)	NOT NULL	NUMBER	The identifier of the provider operating unit
RECVR_ORG_ID (PK)	NOT NULL	NUMBER	The identifier of the receiver operating unit
PRVDR_ALLOW_CC_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the provider operating unit can cross charge to projects in the receiver operating unit
CROSS_CHARGE_CODE	NOT NULL	VARCHAR2(1)	Type of cross charge processing between the provider and receiver operating units.
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	NULL	NUMBER(15)	Standard Who Column
PRVDR_PROJECT_ID	NULL	NUMBER	Identifier of the provider project in the provider operating unit to be used for intercompany billing. Populated only if use cross charge processing method of intercompany billing
INVOICE_GROUPING_CODE	NULL	VARCHAR2(1)	Code that indicates if intercompany billing will invoice by cross charged project or by the receiving operating unit Populated only if use cross charge processing method of intercompany billing.

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Column Descriptions (Continued)

Name	Null?	Type	Description
VENDOR_SITE_ID	NULL	NUMBER	Identifier of the supplier site for the provider operating unit defined in the receiving operating unit. Populated only if use cross charge processing method of intercompany billing
AP_INV_EXP_TYPE	NULL	VARCHAR2(30)	Expenditure type to be used when creating invoice distribution lines on intercompany payables invoices in the receiver operation unit. Populated only if use cross charge processing method of intercompany billing
AP_INV_EXP_ORGANIZATION_ID	NULL	NUMBER	Expenditure organization to be used when creating invoice distribution lines on intercompany payables invoices in the receiver operation unit. Populated only if use cross charge processing method of intercompany billing
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

Indexes

Index Name	Index Type	Sequence	Column Name
PA_CC_ORG_RELATIONSHIPS_N1	NOT UNIQUE	1	PRVDR_PROJECT_ID
PA_CC_ORG_RELATIONSHIPS_U1	UNIQUE	1	PRVDR_ORG_ID
		2	RECVR_ORG_ID
PA_CC_ORG_RELATIONSHIPS_U2	UNIQUE	1	RECVR_ORG_ID
		2	PRVDR_ORG_ID

## PA\_CC\_TP\_RULES\_BG

PA\_CC\_TP\_RULES\_BG stores the rules that define how transfer price is calculated, which include such attributes as calculation method, base amount, schedule or markup, and final percentage. Transfer price rules are shared across operating units within a business group.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CALC_METHOD_CODE	CC_CALC_METHOD_CODE	PA_LOOKUPS
	A	Base Amount
	R	Bill Rate Schedule
	V	Burden Schedule
MARKUP_CALC_BASE_CODE	CC_MARKUP_CALC_BASE_CODE	PA_LOOKUPS
	B	Burdened Cost
	C	Raw Cost
	R	Potential Revenue

### Column Descriptions

Name	Null?	Type	Description
TP_RULE_ID (PK)	NOT NULL	NUMBER	The system generated number that uniquely identifies the transfer price rule
BUSINESS_GROUP_ID	NOT NULL	NUMBER	The identifier of the business group owning the transfer price rule
NAME	NOT NULL	VARCHAR2(50)	The implementation-defined name that uniquely identifies the transfer price rule within the business group
RULE_TYPE	NOT NULL	VARCHAR2(1)	Indicates whether the rule is for labor or non-labor transactions
MARKUP_CALC_BASE_CODE	NOT NULL	VARCHAR2(1)	Transaction amount on which the transfer price will be based when calculated using a markup or burden schedule.
CALC_METHOD_CODE	NOT NULL	VARCHAR2(1)	Method for calculation of the transfer price.
PERCENTAGE_APPLIED	NOT NULL	NUMBER	Final percentage applied on the amount derived via the calculation method. Default value is 100%.
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the transfer price rule
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	NULL	NUMBER(15)	Standard Who Column
END_DATE_ACTIVE	NULL	DATE	Last effective date of the transfer price rule
DESCRIPTION	NULL	VARCHAR2(240)	User-defined description of the transfer price rule

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Column Descriptions (Continued)

Name	Null?	Type	Description
SCHEDULE_ID	NULL	NUMBER	Identifier of the schedule. Either identifier of the bill rate or burden schedule, depending on the value of the schedule_type
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

Indexes

Index Name	Index Type	Sequence	Column Name
PA_CC_TP_RULES_U1	UNIQUE	1	TP_RULE_ID
PA_CC_TP_RULES_U2	UNIQUE	1 2	BUSINESS_GROUP_ID NAME

## PA\_CC\_TP\_SCHEDULES\_BG

PA\_CC\_TP\_SCHEDULES\_BG stores the transfer price schedules which define how transfer price is calculated between the provider and receiver organizations for cross charged labor and non-labor transactions. A transfer price schedule consists of lines, each which specifies organizations and transfer price rules for labor and non-labor cross charged transactions between the organizations. You can define different schedules for different uses. For example, an implementation can have one transfer price schedule for all contract projects and another schedule for all indirect projects enabling different levels of relationships and different transfer price rules to be used in determining the transfer price. Schedules are shared across operating units within a business group.

### Column Descriptions

Name	Null?	Type	Description
TP_SCHEDULE_ID (PK)	NOT NULL	NUMBER	The system-generated number that uniquely identifies the transfer price schedule
BUSINESS_GROUP_ID	NOT NULL	NUMBER	The identifier of the business group that owns the transfer price schedule
NAME	NOT NULL	VARCHAR2(50)	The implementation-defined name that uniquely identifies the transfer price schedule in the business group
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the transfer price schedule
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	NULL	NUMBER(15)	Standard Who Column
END_DATE_ACTIVE	NULL	DATE	Last effective date of the transfer price schedule
DESCRIPTION	NULL	VARCHAR2(240)	Description of the transfer price schedule
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

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
PA_CC_TP_SCHEDULES_U1	UNIQUE	1	TP_SCHEDULE_ID
PA_CC_TP_SCHEDULES_U2	UNIQUE	1	BUSINESS_GROUP_ID
		2	NAME

## PA\_CC\_TP\_SCHEDULE\_LINES

PA\_CC\_TP\_SCHEDULES\_LINES holds the transfer price schedule lines which make up a transfer price schedule. You specify the transfer price rule to use for labor and non-labor transactions that are cross-charged between organizations. You can specify a pair of organizations (provider and receiver organizations or operating units) or for a providing organization which implies a relationship with all receiving organizations.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_CC_TP_RULES_BG	TP_RULE_ID	LABOR_TP_RULE_ID
PA_CC_TP_RULES_BG	TP_RULE_ID	NL_TP_RULE_ID
PA_CC_TP_SCHEDULES_BG	TP_SCHEDULE_ID	TP_SCHEDULE_ID

### Column Descriptions

Name	Null?	Type	Description
TP_SCHEDULE_LINE_ID (PK)	NOT NULL	NUMBER	The system-generated identifier that uniquely identifies a transfer price schedule line
TP_SCHEDULE_ID	NOT NULL	NUMBER	The identifier of the transfer price schedule
PRVDR_ORGANIZATION_ID	NOT NULL	NUMBER	The identifier of the provider organization
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the transfer price schedule line. An organization pair may have many date effective schedule lines but only one effective line for a given 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	NULL	NUMBER(15)	Standard Who Column
SORT_ORDER	NULL	NUMBER	User defined line number used for ordering. Duplicate values are allowed
LABOR_TP_RULE_ID	NULL	NUMBER	The identifier of the transfer price rule for labor transactions. A blank value for this column means that labor transactions are not processed using this schedule line. You must choose either a labor or non-labor transfer price rule for the schedule line
LABOR_PERCENTAGE_APPLIED	NULL	NUMBER	Percentage to be applied for transfer price calculation of labor transactions

Column Descriptions (Continued)

Name	Null?	Type	Description
NL_TP_RULE_ID	NULL	NUMBER	The identifier of the transfer price rule for non-labor transactions. A blank value for this column means that non-labor transactions are not processed using this schedule line. You must choose either a labor or non-labor transfer price rule for the schedule line
NL_PERCENTAGE_APPLIED	NULL	NUMBER	Percentage to be applied for transfer price calculation of non-labor transactions
RECVR_ORGANIZATION_ID	NULL	NUMBER	Identifier of the receiver organization
END_DATE_ACTIVE	NULL	DATE	Last effective date of the transfer price schedule line. An organization pair may have many date effective schedule lines but only one effective line for a given date
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

Indexes

Index Name	Index Type	Sequence	Column Name
PA_CC_TP_SCHEDULE_LINES_N1	NOT UNIQUE	1	TP_SCHEDULE_ID
		2	SORT_ORDER
PA_CC_TP_SCHEDULE_LINES_U1	UNIQUE	1	TP_SCHEDULE_LINE_ID
PA_CC_TP_SCHEDULE_LINES_U2	UNIQUE	1	TP_SCHEDULE_ID
		2	PRVDR_ORGANIZATION_ID
		3	START_DATE_ACTIVE
		4	RECVR_ORGANIZATION_ID
		5	END_DATE_ACTIVE

## PA\_CC\_TP\_SCHEDULE\_LINE\_LKP

PA\_CC\_TP\_SCHEDULE\_LINE\_LKP holds denormalized data defined for faster processing in finding the transfer price rule between organizations within a transfer price schedule. This table, which is internally maintained, holds the relationships between provider and receiver organizations and operating units by schedule line. The transfer price determination process uses this result the next time a similar set of parameters are encountered. For example, if an employee is entering a timesheet for 7 days on the same project (for which Cross Charging would be performed), then the schedule line need be determined only once.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_CC_TP_SCHEDULES_BG	TP_SCHEDULE_ID	TP_SCHEDULE_ID

### Column Descriptions

Name	Null?	Type	Description
TP_SCHEDULE_ID (PK)	NOT NULL	NUMBER	Identifier of the transfer price schedule
TP_SCHEDULE_LINE_ID	NOT NULL	NUMBER	Identifier of the transfer price schedule line for the combination of schedule and organizations
PRVDR_ORG_ID (PK)	NOT NULL	NUMBER	Identifier of the provider operating unit
PRVDR_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Identifier of the provider organization
RECVR_ORG_ID (PK)	NOT NULL	NUMBER	Identifier of the receiver operating unit
RECVR_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Identifier of the receiver organization
START_DATE_ACTIVE (PK)	NOT NULL	DATE	First effective date for the combination of schedule and organizations
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	NULL	NUMBER(15)	Standard Who Column
END_DATE_ACTIVE	NULL	DATE	Last effective date for the combination of schedule and organizations
LABOR_FLAG	NOT NULL	VARCHAR2(1)	Flag indicates if a rule exists for the labor transaction for the combination of schedule and organizations

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_CC_TP_SCHEDULE_LINE_LKP_U1	UNIQUE	1	TP_SCHEDULE_ID
		2	PRVDR_ORGANIZATION_ID
		3	RECVR_ORGANIZATION_ID
		4	PRVDR_ORG_ID
		5	RECVR_ORG_ID
		6	START_DATE_ACTIVE
		8	LABOR_FLAG

## PA\_CDL\_BURDEN\_DETAIL\_V

This view displays indirect cost components of all the non-summarized transactions. This view displays all the burden components of the CDLs for a project. The project must be set in `pa_cost_plus_extn1.current_project_id`.

### View Definition

```
CREATE VIEW PA_CDL_BURDEN_DETAIL_V
as SELECT
    p.project_id
      , t.task_id
      , pt.burden_sum_dest_project_id dest_project_id
      , pt.burden_sum_dest_task_id   dest_task_id
      , ics.organization_id
      , cdl.pa_date
      , ei.attribute1
      , cm.ind_cost_code
      , ei.expenditure_type ei_expenditure_type
      , icc.expenditure_type icc_expenditure_type
      , cb.cost_base
      , cm.compiled_multiplier
      , irs.ind_rate_sch_id
      , irsr.ind_rate_sch_revision_id
      , ei.expenditure_item_id
      , cdl.line_num
      , ei.expenditure_item_date
      , round(cdl.amount * cm.compiled_multiplier,2) burden_cost
      , round(cdl.denom_raw_cost * cm.compiled_multiplier,2) denom_burdened_cost
      , round(cdl.acct_raw_cost * cm.compiled_multiplier,2) acct_burdened_cost
      , cdl.burden_sum_source_run_id
      , cdl.burden_sum_rejection_code
      , ei.denom_currency_code
      , ei.acct_currency_code
      , ei.project_currency_code
FROM
    PA_COMPILED_MULTIPLIERS CM,
    PA_COST_BASE_EXP_TYPES CBET,
    PA_IND_COST_CODES ICC,
    PA_COST_BASES CB,
    PA_IND_COMPILED_SETS ICS,
    PA_IND_RATE_SCH_REVISIONS IRSR,
    PA_IND_RATE_SCHEDULES_ALL_BG IRS,
    PA_EXPENDITURES_ALL E,
    PA_EXPENDITURE_ITEMS EI,
    PA_COST_DISTRIBUTION_LINES_ALL CDL,
    PA_PROJECT_TYPES_ALL PT,
    PA_TASKS T,
    PA_PROJECTS_ALL P
Where ics.ind_rate_sch_revision_id = irsr.ind_rate_sch_revision_id
AND irs.ind_rate_sch_id          = irsr.ind_rate_sch_id
AND irsr.cost_plus_structure      = cbet.cost_plus_structure
AND cbet.cost_base                = cm.cost_base
AND cb.cost_base                 = cbet.cost_base
AND cb.cost_base_type             = cbet.cost_base_type
```

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```

AND cbet.cost_base_type          = 'INDIRECT COST'
AND cbet.expenditure_type       = ei.expenditure_type
AND ics.organization_id         =
nvl(ei.override_to_organization_id,e.incurred_by_organization_id)
AND ics.ind_compiled_set_id     = cdl.ind_compiled_set_id
AND ics.status                  = 'A'
AND icc.ind_cost_code           = cm.ind_cost_code
AND cm.ind_compiled_set_id     = cdl.ind_compiled_set_id
AND cdl.burden_sum_rejection_code is NULL
AND cdl.line_type               = 'R'
AND cdl.burden_sum_source_run_id +0 = - 9999
AND cdl.expenditure_item_id     = ei.expenditure_item_id
AND e.expenditure_id           = ei.expenditure_id
AND ei.task_id                 = t.task_id
AND t.project_id               = p.project_id
AND NVL(pt.org_id, -99)        = NVL(p.org_id, -99)
AND pt.project_type            = p.project_type
AND p.project_id               = pa_burden_costing.get_current_project_id()

```

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Project id of the cost distribution line item whose burden components are being summarized
TASK_ID	NOT NULL	NUMBER(15)	task id of the cost distribution line item whose burden components are being summarized
DEST_PROJECT_ID	NULL	NUMBER(15)	project_id to which the buren costs of expenditure items are accounted to, this is set at project type level
DEST_TASK_ID	NULL	NUMBER(15)	task_id to which the buren costs of expenditure items are accounted to, this is set at project type level
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Organization actually incurred the expenses or the overriding organization of an expenditure item
PA_DATE	NULL	DATE	Account period end date of an expenditure item
ATTRIBUTE1	NULL	VARCHAR2(150)	Flex field used for customization.This field is used by GMS to store the award_id which sponsors the project/task of an expenditure item
IND_COST_CODE	NOT NULL	VARCHAR2(30)	Indirect cost code associated with the expenditure type of an expenditure item
EI_EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of an expenditure item
ICC_EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type of the indirect cost code associated with an expenditure item. Each indirect cost code may be associated with one expenditure type

Column Descriptions (Continued)

Name	Null?	Type	Description
COST_BASE	NOT NULL	VARCHAR2(30)	Cost base code of the expenditure item
COMPILED_MULTIPLIER	NOT NULL	NUMBER(22,5)	Indicative code for applying the indirect cost multiplication factors for the CDL for each burden cost code of the CDL
IND_RATE_SCH_ID	NOT NULL	NUMBER(15)	Identifier of the indirect rate schedule applied to a cost distribution line
IND_RATE_SCH_REVISION_ID	NOT NULL	NUMBER(15)	RevisionIdentifier of the indirect rate schedule applied to a cost distribution line
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure item being used for burden summarization
LINE_NUM	NOT NULL	NUMBER(15)	Line item number of the CDL of an expenditure item
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Date of creation of the line_item
BURDEN_COST	NULL	NUMBER	Total burden cost of the CDL (In Project Currency)
DENOM_BURDENED_COST	NULL	NUMBER	Total burden cost of the CDL (In Denomination Currency)
ACCT_BURDENED_COST	NULL	NUMBER	Total burden cost of the CDL (In Acct Currency)
BURDEN_SUM_SOURCE_RUN_ID	NULL	NUMBER(15)	Unique number identifying the run of a burden summarization process. All the CDLs processed,summarized burden \ expenditure items created during a run are stamped with one run id fro sequence pa_burden_sum_run_id_s
BURDEN_SUM_REJECTION_CODE	NULL	VARCHAR2(30)	Code identifies the rejection reason for a CDL during summarization. Rejected CDLs can be corrected for the \ error and they will be summarized in the susequent run
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Denom Currency Code
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Acct Currency Code
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project Currency Code

## PA\_CDL\_BURDEN\_SUMMARY\_V

This view is based on PA\_CDL\_BURDEN\_DETAIL\_V. It is a user-customizable view defined over PA\_CDL\_BURDEN\_DETAIL\_V. The user can change the columns to be included in a summary group.

### View Definition

```
CREATE VIEW PA_CDL_BURDEN_SUMMARY_V
as SELECT
    project_id    source_project_id
    , task_id      source_task_id
    , organization_id  source_org_id
    , pa_date      source_pa_date
    , attribute1    source_attribute1
    , ind_cost_code    source_ind_cost_code
    , ei_expenditure_type    source_expenditure_type
    , icc_expenditure_type    source_ind_expenditure_type
    , cost_base    source_cost_base
    , compiled_multiplier    source_compiled_multiplier
    , ind_rate_sch_id    source_ind_rate_sch_id
    , ind_rate_sch_revision_id    source_ind_rate_sch_rev_id
    , expenditure_item_id    source_exp_item_id
    , line_num    source_line_num
    , expenditure_item_date    source_exp_item_date
    , burden_cost    source_burden_cost
    , denom_burdened_cost    source_denom_burdened_cost
    , acct_burdened_cost    source_acct_burdened_cost
    , denom_currency_code    source_denom_currency_code
    , acct_currency_code    source_acct_currency_code
    , project_currency_code    source_project_currency_code
    , burden_sum_source_run_id    source_id
    , burden_sum_rejection_code    source_burden_reject_code
    , dest_project_id    dest_project_id
    , dest_task_id    dest_task_id
    , organization_id    dest_org_id
    , pa_date    dest_pa_date
    , attribute1    dest_attribute1
    , icc_expenditure_type    dest_ind_expenditure_type
    , project_id || task_id || organization_id || pa_date ||
      nvl(denom_currency_code,acct_currency_code) || acct_currency_code ||
project_currency_code ||
      ind_cost_code    dest_summary_group
FROM PA_CDL_BURDEN_DETAIL_V
```

### Column Descriptions

Name	Null?	Type	Description
SOURCE_PROJECT_ID	NOT NULL	NUMBER(15)	Project id to which a CDL which is being summarized belongs to. The column alias must be SOURCE_PROJECT_ID
SOURCE_TASK_ID	NOT NULL	NUMBER(15)	Task id to which a CDL which is being summarized belongs to. The column alias must be SOURCE_TASK_ID

Column Descriptions (Continued)

Name	Null?	Type	Description
SOURCE_ORG_ID	NOT NULL	NUMBER(15)	Expenditure organization or the incurred Organization. The column alias must be source_ORG_ID
SOURCE_PA_DATE	NULL	DATE	Accounting closing date of expenditure item. The column alias must be source_PA_DATE
SOURCE_ATTRIBUTE1	NULL	VARCHAR2(150)	Flexfield 1 of expenditure item. This can be used for user defined grouping. this field is used as award_id in GMS. The alias must be source_ATTRIBUTE1
SOURCE_IND_COST_CODE	NOT NULL	VARCHAR2(30)	Indirect Cost code. The column alias must be source_ind_cost_code
SOURCE_EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the expenditure item. The column alias must be SOURCE_EXPENDITURE_TYPE
SOURCE_IND_EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type corresponding to the burden cost code of the burden component of an expenditure item. The column alias must be SOURCE_IND_EXPENDITURE_TYPE
SOURCE_COST_BASE	NOT NULL	VARCHAR2(30)	Indirect cost base. The column alias must be source_cost_base
SOURCE_COMPILED_MULTIPLIER	NOT NULL	NUMBER(22,5)	Indirect cost compiled multiplier of a CDL. The column alias must be SOURCE_compiled_multiplier
SOURCE_IND_RATE_SCH_ID	NOT NULL	NUMBER(15)	Indirect rate schedule id corresponding to a compiled multiplier. The column alias must be source_ind_rate_sch_id
SOURCE_IND_RATE_SCH_REV_ID	NOT NULL	NUMBER(15)	Indirect schedule revision id. The column alias must be source_ind_rate_sch_rev_id
SOURCE_EXP_ITEM_ID	NOT NULL	NUMBER(15)	Expenditure item identifier. The column alias must be source_expenditure_item_id
SOURCE_LINE_NUM	NOT NULL	NUMBER(15)	Line number of a CDL under an expenditure item id. The column alias must be source_line_num
SOURCE_EXP_ITEM_DATE	NOT NULL	DATE	Date of expenditure occurrence. The column alias must be source_expenditure_item_date
SOURCE_BURDEN_COST	NULL	NUMBER	Burden cost(in project currency)due to a burden cost component an expenditure type of an expenditure item. The column alias must be source_burden_cost
SOURCE_DENOM_BURDENED_COST	NULL	NUMBER	Burden cost(in denom currency) due to a burden cost component an expenditure type of an expenditure item. The column alias must be source_burden_cost
SOURCE_ACCT_BURDENED_COST	NULL	NUMBER	Burden cost(in acct currency) due to a burden cost component an expenditure type of an expenditure item. The column alias must be source_burden_cost

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Column Descriptions (Continued)

Name	Null?	Type	Description
SOURCE_DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Denomination Currency Code of the Expenditure Item
SOURCE_ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Acct Currency Code of the Expenditure Item
SOURCE_PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project Currency Code of the Expenditure Item
SOURCE_ID	NULL	NUMBER(15)	Burden sum_source_run_id from Cost Distribution Lines. The column alias must be source_id
SOURCE_BURDEN_REJECT_CODE	NULL	VARCHAR2(30)	Rejection reason code for a CDL not summarized due to validation errors. The column alias must be source_burden_sum_rejection_code
DEST_PROJECT_ID	NULL	NUMBER(15)	Project id to which a CDL which is being summarized belongs to. The column alias must be DEST_PROJECT_ID
DEST_TASK_ID	NULL	NUMBER(15)	Task id to which a CDL which is being summarized belongs to. The column alias must be DEST_TASK_ID, user can override this value
DEST_ORG_ID	NOT NULL	NUMBER(15)	Expenditure organization or the incurred Organization. The column alias must be DEST_ORG_ID, user can override this value
DEST_PA_DATE	NULL	DATE	Accounting closing date of expenditure item. The column alias must be DEST_PA_DATE , user can override this value
DEST_ATTRIBUTE1	NULL	VARCHAR2(150)	Flexfield 1 of expenditure item. This can be used for user defined grouping. This field is used as award_id in GMS. The alias must be DEST_ATTRIBUTE1, user can override this value
DEST_IND_EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
DEST_SUMMARY_GROUP	NULL	VARCHAR2(204)	User defined fields for summarization criteria. User can include source_project_id, source_task_id, organization_id, pa_date, ind_cost_code, currency codes, attribute 1. User can exclude the attribute1 from the list if required. This column must have the alias DEST_SUMMARY_GROUP, user can override this value

## PA\_CLASS\_CATEGORIES

PA\_CLASS\_CATEGORIES stores implementation-defined categories that are used to classify projects. Class categories are primarily used for reporting purposes, although one class category may be defined for use in AutoAccounting.

### Column Descriptions

Name	Null?	Type	Description
CLASS_CATEGORY (PK)	NOT NULL	VARCHAR2(30)	Implementation-defined name that uniquely identifies the category
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
MANDATORY_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether a user must enter a code for the class category before a project can be authorized for revenue distribution
AUTOACCOUNTING_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the class code of the class category may be used as a parameter for AutoAccounting. Only one class category can be defined for use with AutoAccounting
PICK_ONE_CODE_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether a user can pick only one code for the class category for a project. If autoaccounting_flag = 'Y' for the category, this flag is automatically set to 'Y'
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the class category
END_DATE_ACTIVE	NULL	DATE	Last effective date of the class category
DESCRIPTION	NULL	VARCHAR2(80)	Explanation of the class category
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

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_CLASS_CATEGORIES_N1	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_CLASS_CATEGORIES_U1	UNIQUE	1	CLASS_CATEGORY

*Database Triggers*

Trigger Name : PA\_ADW\_CLASS\_CATEGORIES\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to DESCRIPTION column

## PA\_CLASS\_CODES

PA\_CLASS\_CODES stores implementation-defined values within a class category that may be used to classify projects. For example, class codes for a class category of Funding Source might include State or Local and Federal.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_CLASS_CATEGORIES	CLASS_CATEGORY	CLASS_CATEGORY

### Column Descriptions

Name	Null?	Type	Description
CLASS_CATEGORY (PK)	NOT NULL	VARCHAR2(30)	The class category to which the class code belongs
CLASS_CODE (PK)	NOT NULL	VARCHAR2(30)	Implementation-defined name that uniquely identifies the code within the class category
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 the class code
END_DATE_ACTIVE	NULL	DATE	Last effective date of the class code
DESCRIPTION	NULL	VARCHAR2(250)	Explanation of the class code
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
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_CLASS_CODES_N1	NOT UNIQUE	2	ADW_NOTIFY_FLAG

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*Indexes (Continued)*

Index Name	Index Type	Sequence	Column Name
PA_CLASS_CODES_U1	UNIQUE	1	CLASS_CATEGORY
		2	CLASS_CODE

*Database Triggers*

Trigger Name : PA\_ADW\_CLASS\_CODES\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to CLASS\_CODE and DESCRIPTION column

## PA\_CMT\_BURDEN\_DETAIL\_V

This view displays the indirect cost components of all the non-summarized Commitment transactions of a project using the proper indirect rate schedules and revisions. The project value is set in pa\_burden\_costing package.

### View Definition

```
CREATE VIEW PA_CMT_BURDEN_DETAIL_V
as SELECT
    cmt.project_id , cmt.task_id , cmt.organization_id , cmt.pa_period , cmt.gl_period ,
    cmt.transaction_source , cmt.line_type , cm.ind_cost_code , cmt.original_txn_referencel ,
    cmt.original_txn_reference2 , cmt.original_txn_reference3 , cmt.expenditure_type
    cmt_expenditure_type , icc.expenditure_type icc_expenditure_type , et.expenditure_category ,
    et.revenue_category_code , cb.cost_base , cm.compiled_multiplier , irs.ind_rate_sch_id ,
    irsr.ind_rate_sch_revision_id , cmt.tot_cmt_raw_cost * cm.compiled_multiplier burden_cost ,
    cmt.burden_sum_source_run_id , cmt.burden_sum_rejection_code from pa_ind_rate_sch_revisions
    irsr, pa_cost_bases cb, pa_expenditure_types et, pa_ind_cost_codes icc, pa_cost_base_exp_types
    cbet, pa_ind_rate_schedules_all_bg irs, pa_ind_compiled_sets ics, pa_compiled_multipliers cm,
    pa_commitment_txns cmt, pa_project_types_all pt, pa_projects_all p
    Where irsr.cost_plus_structure = cbet.cost_plus_structure and cb.cost_base = cbet.cost_base
    and cb.cost_base_type = cbet.cost_base_type and et.expenditure_type = icc.expenditure_type and
    icc.ind_cost_code = cm.ind_cost_code and cbet.cost_base = cm.cost_base and cbet.cost_base_type
    = 'INDIRECT COST' and cbet.expenditure_type = cmt.expenditure_type and irs.ind_rate_sch_id =
    irsr.ind_rate_sch_id and ics.ind_rate_sch_revision_id = irsr.ind_rate_sch_revision_id and
    ics.organization_id = cmt.organization_id and ics.ind_compiled_set_id =
    cmt.cmt_ind_compiled_set_id and ics.status = 'A' and cm.ind_compiled_set_id =
    cmt.cmt_ind_compiled_set_id And cmt.burden_sum_rejection_code is NULL and cmt.line_type = 'R'
    and nvl(cmt.tot_cmt_raw_cost,0) <> 0 and cmt.burden_sum_source_run_id+0 = -9999 and
    cmt.project_id = p.project_id and pt.burden_amt_display_method = 'D' and pt.project_type =
    p.project_type and NVL(pt.org_id, -99) = NVL(p.org_id, -99) and p.project_id =
    pa_burden_costing.get_current_project_id()
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Project id of the commitment transaction item whose burden components are being summarized
TASK_ID	NOT NULL	NUMBER(15)	Task id of the commitment transaction item whose burden components are being summarized
ORGANIZATION_ID	NULL	NUMBER	Organization or the of a commitment transaction item
PA_PERIOD	NOT NULL	VARCHAR2(20)	Account period end date of a commitment transaction item
GL_PERIOD	NOT NULL	VARCHAR2(15)	GL Account period end date of a commitment transaction item
TRANSACTION_SOURCE	NOT NULL	VARCHAR2(30)	Transaction source of a commitment transaction item
LINE_TYPE	NOT NULL	VARCHAR2(1)	Line type of a commitment transaction item
IND_COST_CODE	NOT NULL	VARCHAR2(30)	Indirect cost code associated with the expenditure type of commitment transaction
ORIGINAL_TXN_REFERENCE1	NULL	VARCHAR2(15)	Original Transaction Reference1

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGINAL_TXN_REFERENCE2	NULL	VARCHAR2(15)	Original Transaction Reference2
ORIGINAL_TXN_REFERENCE3	NULL	VARCHAR2(15)	Original Transaction Reference3
CMT_EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of a commitment transaction
ICC_EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type of the indirect cost code associated with a commitment transaction item. Each indirect cost code may be associated with one expenditure type
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Expenditure category of the expenditure type corresponding to the indirect cost code associated with a commitment transaction item.
REVENUE_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	Revenue category of the expenditure type corresponding to the indirect cost code associated with a commitment transaction item.
COST_BASE	NOT NULL	VARCHAR2(30)	Cost base code of the commitment transaction item
COMPILED_MULTIPLIER	NOT NULL	NUMBER(22,5)	Indicative code for applying the indirect cost multiplication factors for a commitment transaction item for each burden cost code
IND_RATE_SCH_ID	NOT NULL	NUMBER(15)	Identifier of the indirect rate schedule applied to a commitment transaction item
IND_RATE_SCH_REVISION_ID	NOT NULL	NUMBER(15)	RevisionIdentifier of the indirect rate schedule applied to a commitment transaction item
BURDEN_COST	NULL	NUMBER	Burden cost of a commitment transaction item for a burden cost component
BURDEN_SUM_SOURCE_RUN_ID	NULL	NUMBER(15)	Unique number identifying the run of a burden summarization process. All the CDLs processed,summarized burden \ expenditure items created during a run are stamped with one run id fro sequence pa_burden_sum_run_id_s
BURDEN_SUM_REJECTION_CODE	NULL	VARCHAR2(30)	Code identifies the rejection reason for a CDL during summarization. Rejected CDLs can be corrected for the error and they will be summarized in the subsequent run

PA\_CMT\_BURDEN\_SUMMARY\_V

This user-customizable view defines the summarization criteria for burden summarization of commitment transactions. The columns that can be customized have the column alias prefix DEST. All other columns (those with column alias prefix SOURCE) should not be customized. Customizable means that the user can include or exclude that column from the summarization group or replace it with a constant value. For example, dest\_org\_id can be included or excluded from the summary group field or replaced by a constant value.

View Definition

```
CREATE VIEW PA_CMT_BURDEN_SUMMARY_V
as SELECT
    PROJECT_ID SOURCE_PROJECT_ID , TASK_ID SOURCE_TASK_ID , ORGANIZATION_ID SOURCE_ORG_ID ,
    PA_PERIOD SOURCE_PA_PERIOD , GL_PERIOD SOURCE_GL_PERIOD , TRANSACTION_SOURCE SOURCE_TXN_SOURCE
    , LINE_TYPE SOURCE_LINE_TYPE , IND_COST_CODE SOURCE_IND_COST_CODE , ORIGINAL_TXN_REFERENCE1
    SOURCE_TXN_REF1 , ORIGINAL_TXN_REFERENCE2 SOURCE_TXN_REF2 , ORIGINAL_TXN_REFERENCE3
    SOURCE_TXN_REF3 , CMT_EXPENDITURE_TYPE SOURCE_EXPENDITURE_TYPE , ICC_EXPENDITURE_TYPE
    SOURCE_IND_EXPENDITURE_TYPE , EXPENDITURE_CATEGORY SOURCE_EXP_CATEGORY , REVENUE_CATEGORY_CODE
    SOURCE_REVENUE_CATEGORY , COST_BASE SOURCE_COST_BASE , COMPILED_MULTIPLIER
    SOURCE_COMPILED_MULTIPLIER , IND_RATE_SCH_ID SOURCE_IND_RATE_SCH_ID , IND_RATE_SCH_REVISION_ID
    SOURCE_IND_RATE_SCH_REV_ID , BURDEN_COST SOURCE_BURDEN_COST , BURDEN_SUM_SOURCE_RUN_ID
    SOURCE_RUN_ID , BURDEN_SUM_REJECTION_CODE SOURCE_BURDEN_SUM_REJ_CODE , PROJECT_ID
    DEST_PROJECT_ID , TASK_ID DEST_TASK_ID , ORGANIZATION_ID DEST_ORG_ID , ICC_EXPENDITURE_TYPE
    DEST_IND_EXP_TYPE , ORIGINAL_TXN_REFERENCE1 DEST_TXN_REF1 , PA_PERIOD DEST_PA_PERIOD ,
    GL_PERIOD DEST_GL_PERIOD , TRANSACTION_SOURCE DEST_TXN_SOURCE , EXPENDITURE_CATEGORY
    DEST_EXP_CATEGORY , REVENUE_CATEGORY_CODE DEST_REVENUE_CATEGORY , LINE_TYPE DEST_LINE_TYPE ,
    IND_COST_CODE DEST_IND_COST_CODE , PROJECT_ID ||TASK_ID|| ORGANIZATION_ID||GL_PERIOD ||
    PA_PERIOD || TRANSACTION_SOURCE || LINE_TYPE ||IND_COST_CODE DEST_SUMMARY_GROUP FROM
    PA_CMT_BURDEN_DETAIL_V
```

Column Descriptions

Name	Null?	Type	Description
SOURCE_PROJECT_ID	NOT NULL	NUMBER(15)	Project id of the commitment transaction item whose burden components are being summarized
SOURCE_TASK_ID	NOT NULL	NUMBER(15)	Task id of the commitment transaction item whose burden components are being summarized
SOURCE_ORG_ID	NULL	NUMBER	Organization actually incurred the expenses or the overriding organization of commitment transaction
SOURCE_PA_PERIOD	NOT NULL	VARCHAR2(20)	Account period end date of commitment transaction
SOURCE_GL_PERIOD	NOT NULL	VARCHAR2(15)	GL Account period end date of commitment transaction
SOURCE_TXN_SOURCE	NOT NULL	VARCHAR2(30)	Transaction source of a commitment transaction item
SOURCE_LINE_TYPE	NOT NULL	VARCHAR2(1)	Line type of a commitment transaction item

Column Descriptions (Continued)

Name	Null?	Type	Description
SOURCE_IND_COST_CODE	NOT NULL	VARCHAR2(30)	Indirect cost code associated with the expenditure type of commitment transaction
SOURCE_TXN_REF1	NULL	VARCHAR2(15)	Source Transaction Reference1
SOURCE_TXN_REF2	NULL	VARCHAR2(15)	Source Transaction Reference2
SOURCE_TXN_REF3	NULL	VARCHAR2(15)	Source Transaction Reference3
SOURCE_EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of commitment transaction
SOURCE_IND_EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type of the indirect cost code associated with commitment transaction. Each indirect cost code may be associated with one expenditure type
SOURCE_EXP_CATEGORY	NOT NULL	VARCHAR2(30)	Expenditure category of the expenditure type corresponding to the indirect cost code associated with a commitment transaction item.
SOURCE_REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Revenue category of the expenditure type corresponding to the indirect cost code associated with a commitment transaction item.
SOURCE_COST_BASE	NOT NULL	VARCHAR2(30)	Cost base code of commitment transaction
SOURCE_COMPILED_MULTIPLIER	NOT NULL	NUMBER(22,5)	Indicative code for applying the indirect cost multiplication factors for the commitment transaction for each burden cost code L
SOURCE_IND_RATE_SCH_ID	NOT NULL	NUMBER(15)	Identifier of the indirect rate schedule applied to a commitment transaction
SOURCE_IND_RATE_SCH_REV_ID	NOT NULL	NUMBER(15)	RevisionIdentifier of the indirect rate schedule applied to a commitment transaction
SOURCE_BURDEN_COST	NULL	NUMBER	Burden cost of a commitment transaction item for a burden cost component
SOURCE_RUN_ID	NULL	NUMBER(15)	Unique number identifying the run of a burden summarization process. All the transactions processed,summarized burden \ expenditure items created during a run are stamped with one run id fro sequence pa_burden_sum_run_id_s
SOURCE_BURDEN_SUM_REJ_CODE	NULL	VARCHAR2(30)	Code identifies the rejection reason for a CDL during summarization. Rejected transactions can be corrected for the error and they will be summarized in the susequent run
DEST_PROJECT_ID	NOT NULL	NUMBER(15)	Project_id to which the burden costs of expenditure items are accounted to, this is set at project type level. This field can be modified by user to include, exclude or replace with a constant

Column Descriptions (Continued)

Name	Null?	Type	Description
DEST_TASK_ID	NOT NULL	NUMBER(15)	Task_id to which the burden costs of expenditure items are accounted to, this is set at project type level. This field can be modified by user to include, exclude or replace with a constant
DEST_ORG_ID	NULL	NUMBER	Organization actually incurred the expenses or the overriding organization of an expenditure item. This field can be customized by user to include, exclude or replace with a constant
DEST_IND_EXP_TYPE	NULL	VARCHAR2(30)	Destination expenditure type of the indirect cost code associated with commitment transaction. Each indirect cost code may be associated with one expenditure type
DEST_TXN_REF1	NULL	VARCHAR2(15)	Destination Transaction Referencel
DEST_PA_PERIOD	NOT NULL	VARCHAR2(20)	Account period end date of an expenditure item. This field can be customized by user to include, exclude or replace with a constant
DEST_GL_PERIOD	NOT NULL	VARCHAR2(15)	GL Account period end date of an expenditure item. This field can be customized by user to include, exclude or replace with a constant
DEST_TXN_SOURCE	NOT NULL	VARCHAR2(30)	Transaction source code of a commitment transaction. This field can be customized by user to include, exclude or replace with a constant
DEST_EXP_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
DEST_REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
DEST_LINE_TYPE	NOT NULL	VARCHAR2(1)	Line type of commitment transaction. This field can be customized by user to include, exclude or replace with a constant
DEST_IND_COST_CODE	NOT NULL	VARCHAR2(30)	Indirect cost code of the commitment transaction corresponding to it's compiled set id. This field can be customized by user to include, exclude or replace with a constant
DEST_SUMMARY_GROUP	NULL	VARCHAR2(216)	User defined fields for summarization criteria. User can include source_project_id, source_task_id, source_org_id, source_gl_date, source_pa_date, source_ind_cost_code, attribute 1. User can exclude the attributel from the list if required. This column must has the alias DEST_SUMMARY_GROUP

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## PA\_CMT\_BURDEN\_SUM\_ERROR\_V

This view lists all the commitment transactions that are in error during burden summarization.

### View Definition

```
CREATE VIEW PA_CMT_BURDEN_SUM_ERROR_V
as SELECT
    PT.PROJECT_TYPE , P.PROJECT_ID , P.SEGMENT1 , T.TASK_ID , T.TASK_NUMBER , CMT.PA_PERIOD ,
    CMT.TRANSACTION_SOURCE , CMT.EXPENDITURE_TYPE , CMT.LINE_TYPE , CMT.CMT_NUMBER ,
    CMT.EXPENDITURE_ITEM_DATE , CMT.ORIGINAL_TXN_REFERENCE1 , CMT.ORIGINAL_TXN_REFERENCE2 ,
    CMT.ORIGINAL_TXN_REFERENCE3 , CMT.BURDEN_SUM_SOURCE_RUN_ID , CMT.BURDEN_SUM_REJECTION_CODE ,
    L.MEANING , L.DESCRPTION FROM PA_PROJECT_TYPES_ALL PT, PA_PROJECTS_ALL P, PA_TASKS T,
    PA_LOOKUPS L, PA_COMMITMENT_TXNS CMT
    Where PT.PROJECT_TYPE = P.PROJECT_TYPE AND PT.ORG_ID = P.ORG_ID AND P.PROJECT_ID =
    CMT.PROJECT_ID AND T.TASK_ID = CMT.TASK_ID AND L.LOOKUP_TYPE = 'BURDEN_SUM_REJECTION_CODE' AND
    LOOKUP_CODE = CMT.BURDEN_SUM_REJECTION_CODE AND CMT.BURDEN_SUM_REJECTION_CODE IS NOT NULL AND
    CMT.LINE_TYPE = 'R' AND CMT.BURDEN_SUM_SOURCE_RUN_ID = -9999
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	Project type of the project to which the commitment transaction belongs to
PROJECT_ID	NOT NULL	NUMBER(15)	Project id to which the commitment transaction belongs to
SEGMENT1	NOT NULL	VARCHAR2(25)	Project Number to which the commitment transaction belongs to
TASK_ID	NOT NULL	NUMBER(15)	Task to which the commitment transaction
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Task Number to which the commitment transaction
PA_PERIOD	NOT NULL	VARCHAR2(20)	Account closing date of commitment transaction
TRANSACTION_SOURCE	NOT NULL	VARCHAR2(30)	Transaction source of the commitment transaction in error
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure item type of the commitment transaction
LINE_TYPE	NOT NULL	VARCHAR2(1)	Line type of the commitment transaction in error
CMT_NUMBER		NULL VARCHAR2(50)	Commitment reference number of the commitment transaction
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	date of expenditure item of the CDL having error while burden summarization belongs to
ORIGINAL_TXN_REFERENCE1		NULL VARCHAR2(15)	Transaction reference1 the commitment transaction. This is customizable field. This field is used in GMS to store the sponsoring award id of the task/project
ORIGINAL_TXN_REFERENCE2		NULL VARCHAR2(15)	Transaction reference2 the commitment transaction. This is customizable field

Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGINAL_TXN_REFERENCE3	NULL	VARCHAR2(15)	Transaction reference3 the commitment transaction. This is customizable field
BURDEN_SUM_SOURCE_RUN_ID	NULL	NUMBER(15)	Run id of the summarization process which identified the error commitment transaction
BURDEN_SUM_REJECTION_CODE	NULL	VARCHAR2(30)	Rejection reason code identified during the burden summarization processs. The Error identified for the commitment transaction would have to be corrected before it is picked up for summarization next time
MEANING	NOT NULL	VARCHAR2(80)	Meaning of the rejection error code of the commitment transaction in error
DESCRIPTION	NULL	VARCHAR2(240)	Detailed description of the the rejection error code of the commitment transaction in error



## PA\_CMT\_BURDEN\_TXN\_V

This view lists all the summarized burden commitment transactions.

### View Definition

```
CREATE VIEW PA_CMT_BURDEN_TXN_V
as SELECT
    PT.PROJECT_TYPE , P.SEGMENT1 , T.TASK_NUMBER , CMT.PA_PERIOD , CMT.TRANSACTION_SOURCE ,
    CMT.EXPENDITURE_TYPE , CMT.EXPENDITURE_ITEM_DATE , CMT.LINE_TYPE , CMT.ORIGINAL_TXN_REFERENCE1
    , CMT.ORIGINAL_TXN_REFERENCE2 , CMT.ORIGINAL_TXN_REFERENCE3 , CMT.TOT_CMT_BURDENED_COST FROM
    PA_PROJECT_TYPES_ALL PT, PA_PROJECTS_ALL P, PA_TASKS T, PA_COMMITMENT_TXNS CMT
    Where PT.PROJECT_TYPE = P.PROJECT_TYPE AND PT.ORG_ID = P.ORG_ID AND P.PROJECT_ID =
    CMT.PROJECT_ID AND T.TASK_ID = CMT.TASK_ID AND CMT.BURDEN_SUM_REJECTION_CODE IS NULL AND
    CMT.LINE_TYPE = 'R' AND CMT.BURDEN_SUM_DEST_RUN_ID > 0
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	Project type of the summarized burden commitment transaction
SEGMENT1	NOT NULL	VARCHAR2(25)	Project Number of ummarized burdenommitment transaction
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Task Number of summarized burden commitment transaction
PA_PERIOD	NOT NULL	VARCHAR2(20)	Account closing date of summarized burden commitment transaction
TRANSACTION_SOURCE	NOT NULL	VARCHAR2(30)	Transaction source of the summarized burden commitment transaction
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the summarized burden commitment transaction. This will be same as the expenditure type associated with the burden cost code
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Date of creation of summarized burden commitment transaction.
LINE_TYPE	NOT NULL	VARCHAR2(1)	Line type of the summarized burden commitment transaction
ORIGINAL_TXN_REFERENCE1	NUL	VARCHAR2(15)	Transaction referencel the commitment transaction. This is customizable field. This field is used in GMS to store the sponsoring award id of the task/project
ORIGINAL_TXN_REFERENCE2	NUL	VARCHAR2(15)	Transaction reference2 the commitment transaction. This is customizable field
ORIGINAL_TXN_REFERENCE3	NUL	VARCHAR2(15)	Transaction reference3 the commitment transaction. This is customizable field
TOT_CMT_BURDENED_COST	NUL	NUMBER	Refer to base table.

# PA\_CMT\_BY\_GL\_PERIOD\_V

This view displays current commitment totals for lowest level tasks and resources by GL periods.

### View Definition

```
CREATE VIEW PA_CMT_BY_GL_PERIOD_V
as SELECT
    RAD.PROJECT_ID , RAD.TASK_ID , RAD.RESOURCE_LIST_MEMBER_ID , RAD.RESOURCE_LIST_ID ,
    TA.GL_PERIOD , PS.START_DATE , PS.END_DATE , SUM(NVL(TA.TOT_CMT_QUANTITY, 0)) ,
    SUM(NVL(TA.TOT_CMT_RAW_COST, 0)) , SUM(NVL(TA.TOT_CMT_BURDENED_COST, 0)) FROM
    PA_RESOURCE_ACCUM_DETAILS RAD , PA_TXN_ACCUM TA , GL_PERIOD_STATUSES PS , PA_IMPLEMENTATIONS I
    Where RAD.TXN_ACCUM_ID = TA.TXN_ACCUM_ID AND PS.APPLICATION_ID = 101 AND PS.SET_OF_BOOKS_ID
    = I.SET_OF_BOOKS_ID AND PS.PERIOD_NAME = TA.GL_PERIOD AND PS.ADJUSTMENT_PERIOD_FLAG = 'N' GROUP
    BY RAD.PROJECT_ID, RAD.TASK_ID, RAD.RESOURCE_LIST_MEMBER_ID, RAD.RESOURCE_LIST_ID,
    TA.GL_PERIOD, PS.START_DATE, PS.END_DATE
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Refer to base table.
GL_PERIOD_NAME	NOT NULL	VARCHAR2(15)	Refer to base table.
PERIOD_START_DATE	NOT NULL	DATE	Refer to base table.
PERIOD_END_DATE	NOT NULL	DATE	Refer to base table.
CMT_QUANTITY	NULL	NUMBER	Refer to base table.
CMT_RAW_COST	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST	NULL	NUMBER	Refer to base table.

# PA\_CMT\_BY\_PA\_PERIOD\_V

This view displays current commitment totals for lowest level tasks and resources by PA periods.

View Definition

```
CREATE VIEW PA_CMT_BY_PA_PERIOD_V
as SELECT
    RAD.PROJECT_ID , RAD.TASK_ID , RAD.RESOURCE_LIST_MEMBER_ID , RAD.RESOURCE_LIST_ID ,
    TA.PA_PERIOD , PER.START_DATE , PER.END_DATE , SUM(NVL(TA.TOT_CMT_QUANTITY, 0)) ,
    SUM(NVL(TA.TOT_CMT_RAW_COST, 0)) , SUM(NVL(TA.TOT_CMT_BURDENED_COST, 0)) FROM
    PA_RESOURCE_ACCUM_DETAILS RAD , PA_TXN_ACCUM TA , PA_PERIODS PER
    Where RAD.TXN_ACCUM_ID = TA.TXN_ACCUM_ID AND TA.PA_PERIOD = PER.PERIOD_NAME GROUP BY
    RAD.PROJECT_ID, RAD.TASK_ID, RAD.RESOURCE_LIST_MEMBER_ID, RAD.RESOURCE_LIST_ID, TA.PA_PERIOD,
    PER.START_DATE, PER.END_DATE
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Refer to base table.
PA_PERIOD_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
PERIOD_START_DATE	NOT NULL	DATE	Refer to base table.
PERIOD_END_DATE	NOT NULL	DATE	Refer to base table.
CMT_QUANTITY	NULL	NUMBER	Refer to base table.
CMT_RAW_COST	NULL	NUMBER	Refer to base table.
CMT_BURDENED_COST	NULL	NUMBER	Refer to base table.

## PA\_COMMITMENT\_TXNS

PA\_COMMITMENT\_TXNS stores information about summarized commitments for each project. Commitments for a given project are refreshed every time the project summary amounts are updated. All the commitments are summarized in the PA or GL period for which CURRENT\_PA\_PERIOD\_FLAG in the PA\_PERIODS table is set to 'Y'.

You can define which commitments you want to summarize by modifying the commitments view. Refer to the Oracle Projects User's Guide for information about implementing commitments from external systems.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BURDEN_SUM_REJECTION_CODE	BURDEN_SUM_REJECTION_CODE	PA_LOOKUPS
	BCC_EXP_TYPE_NULL	Expend type not defined for burden cost code of expend item
	BTC_INACTIVE	Burden Transaction system linkage not define/active
LINE_TYPE	PROJECT_TASK_NULL	Destination Project/Task not defined in Project Type
	COMMITMENT LINE TYPE	PA_LOOKUPS
	I	Supplier Invoice
	P	Purchase Orders
TRANSACTION_SOURCE	R	Requisition
	COMMITMENT TXN SOURCE	PA_LOOKUPS
	ORACLE_PAYABLES	Oracle Payables
	ORACLE_PURCHASING	Oracle Purchasing
	OUTSIDE_SYSTEM	Outside System

### Column Descriptions

Name	Null?	Type	Description
CMT_LINE_ID (PK)	NOT NULL	NUMBER(15)	Identifier of the commitment.
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project.
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the lowest level task.
TRANSACTION_SOURCE	NOT NULL	VARCHAR2(30)	Source of commitment, i.e., ORACLE_PURCHASING, ORACLE_PAYABLES, OUTSIDE_SYSTEM.
LINE_TYPE	NOT NULL	VARCHAR2(1)	Commitment line type is part of QuickCode.
CMT_NUMBER	NULL	VARCHAR2(50)	The number of the commitment document.
CMT_DISTRIBUTION_ID	NULL	NUMBER	The identifier of the requisition or purchase order distribution.
DESCRIPTION	NULL	VARCHAR2(255)	The description of either the requisition or purchase order line or the invoice distribution.

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	The expenditure item date on which you expect to incur the commitment costs.
PA_PERIOD	NOT NULL	VARCHAR2(20)	PA period corresponding to the commitment.
GL_PERIOD	NOT NULL	VARCHAR2(15)	GL period corresponding to the commitment.
CMT_LINE_NUMBER	NULL	NUMBER	The requisition, purchase order or invoice line number in which the distribution is included.
CMT_CREATION_DATE	NULL	DATE	Date on which the requisition or purchase order was created or the invoice was incurred.
CMT_APPROVED_DATE	NULL	DATE	Date on which the requisition, purchase order or invoice was approved
CMT_REQUESTOR_NAME	NULL	VARCHAR2(240)	The full name of requestor.
CMT_BUYER_NAME	NULL	VARCHAR2(240)	The full name of buyer.
CMT_APPROVED_FLAG	NULL	VARCHAR2(1)	Indicator if the commitment is approved: 'Y' for approved, 'N' for not approved.
CMT_PROMISED_DATE	NULL	DATE	Promised delivery date for commitment.
CMT_NEED_BY_DATE	NULL	DATE	Date that commitment is needed by.
CMT_HEADER_ID	NULL	NUMBER	Identifier for the Supplier on a commitment document.
ORGANIZATION_ID	NULL	NUMBER	Identifier of the expenditure organization incurring the commitment.
VENDOR_ID	NULL	NUMBER	Identifier of the Supplier.
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier Name.
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Commitment expenditure type.
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	The expenditure category of the commitment expenditure type.
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	The revenue category of the commitment expenditure type.
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(30)	Commitment system linkage function: VENDOR_INVOICES.
UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Not currently used in Oracle Projects, Version 4.0.
UNIT_PRICE	NULL	NUMBER	Cost per unit of the project-related commitment distribution.
CMT_IND_COMPILED_SET_ID	NULL	NUMBER(15)	Identifier for the commitment's burden compiled set.
TOT_CMT_RAW_COST	NULL	NUMBER	The project currency raw cost amount of the project-related commitment distribution. This amount is derived by the commitment summarization process.
TOT_CMT_BURDENED_COST	NULL	NUMBER	The project currency burdened cost amount of the project-related commitment distribution. This amount is derived by the commitment summarization process.
TOT_CMT_QUANTITY	NULL	NUMBER	Outstanding quantity of the project-related commitment distribution.
QUANTITY_ORDERED	NULL	NUMBER	Distribution quantity ordered.

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Column Descriptions (Continued)

Name	Null?	Type	Description
AMOUNT_ORDERED	NULL	NUMBER	Distribution amount ordered.
ORIGINAL_QUANTITY_ORDERED	NULL	NUMBER	Distribution original quantity ordered.
ORIGINAL_AMOUNT_ORDERED	NULL	NUMBER	Distribution original amount ordered.
QUANTITY_CANCELLED	NULL	NUMBER	Distribution quantity cancelled.
AMOUNT_CANCELLED	NULL	NUMBER	Distribution amount cancelled.
QUANTITY_DELIVERED	NULL	NUMBER	Distribution quantity delivered.
AMOUNT_DELIVERED	NULL	NUMBER	Distribution amount delivered.
QUANTITY_INVOICED	NULL	NUMBER	Distribution quantity invoiced.
AMOUNT_INVOICED	NULL	NUMBER	Distribution amount invoiced.
QUANTITY_OUTSTANDING_DELIVERY	NULL	NUMBER	Distribution quantity outstanding delivery.
AMOUNT_OUTSTANDING_DELIVERY	NULL	NUMBER	Distribution amount outstanding delivery.
QUANTITY_OUTSTANDING_INVOICE	NULL	NUMBER	Distribution quantity outstanding invoice.
AMOUNT_OUTSTANDING_INVOICE	NULL	NUMBER	Distribution amount outstanding invoice.
QUANTITY_OVERBILLED	NULL	NUMBER	Distribution quantity overbilled.
AMOUNT_OVERBILLED	NULL	NUMBER	Distribution amount overbilled.
ORIGINAL_TXN_REFERENCE1	NULL	VARCHAR2(15)	Used to store original transaction reference for commitments from external systems.
ORIGINAL_TXN_REFERENCE2	NULL	VARCHAR2(15)	Used to store original transaction reference for commitments from external systems.
ORIGINAL_TXN_REFERENCE3	NULL	VARCHAR2(15)	Used to store original transaction reference for commitments from external systems.
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	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
BURDEN_SUM_SOURCE_RUN_ID	NULL	NUMBER(15)	Burden summarization source run id. Id will identify all the commitment items summarized in the run to create summarized commitment items
BURDEN_SUM_DEST_RUN_ID	NULL	NUMBER(15)	Burden summarization Destination run id. Id will identify commitment items created by burden component summarization process
BURDEN_SUM_REJECTION_CODE	NULL	VARCHAR2(30)	Burden component summarization rejection code
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	For expense reports, the receipt currency code (the currency in which the expenses originally occurred).

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Column Descriptions (Continued)

Name	Null?	Type	Description
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	For expense reports, the receipt currency amount. For all the other rows, this value is null.
RECEIPT_EXCHANGE_RATE	NULL	NUMBER	For expense reports, the exchange rate to convert from the receipt currency to the transaction currency.
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	The transaction currency code.
DENOM_RAW_COST	NULL	NUMBER	The transaction currency raw cost amount of the project-related commitment distribution.
DENOM_BURDENED_COST	NULL	NUMBER	The transaction currency burdened cost amount of the project-related commitment distribution.
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	The functional currency code.
ACCT_RAW_COST	NULL	NUMBER	The functional currency raw cost amount of the project-related commitment distribution.
ACCT_BURDENED_COST	NULL	NUMBER	The functional currency burdened cost amount of the project-related commitment distribution.
ACCT_RATE_DATE	NULL	DATE	The functional currency rate date.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	The functional currency rate type (such as Spot or Corporate).
ACCT_EXCHANGE_RATE	NULL	NUMBER	The functional currency exchange rate.
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	The project currency code.
PROJECT_RATE_DATE	NULL	DATE	The project currency rate date.
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	The project currency rate type (such as Spot or Corporate).
PROJECT_EXCHANGE_RATE	NULL	NUMBER	The project currency exchange rate.
CMT_REJECTION_CODE	NULL	VARCHAR2(80)	The reason why the item was rejected during commitments summarization.
GENERATION_ERROR_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the item has encountered errors during commitments summarization. If Errors, this flag is set to Y.

Indexes

Index Name	Index Type	Sequence	Column Name
PA_COMMITMENT_TXNS_N1	NOT UNIQUE	1	PROJECT_ID
PA_COMMITMENT_TXNS_N2	NOT UNIQUE	1	BURDEN_SUM_SOURCE_RUN_ID
PA_COMMITMENT_TXNS_N3	NOT UNIQUE	1	BURDEN_SUM_DEST_RUN_ID
PA_COMMITMENT_TXNS_U1	UNIQUE	1	CMT_LINE_ID

Sequences

Sequence	Derived Column
PA_COMMITMENT_TXNS_S	CMT_LINE_ID

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## PA\_COMMITMENT\_TXNS\_V

A view of all outstanding project-related commitment costs.

### *View Definition*

```
CREATE VIEW PA_COMMITMENT_TXNS_V
as SELECT
    PPRD.PROJECT_ID
  , PPRD.TASK_ID
  , 'ORACLE_PURCHASING'
  , 'R'
  , PPRD.REQ_NUMBER
  , PPRD.REQ_DISTRIBUTION_ID
  , PPRD.REQUISITION_HEADER_ID
  , PPRD.ITEM_DESCRIPTION
  , PPRD.EXPENDITURE_ITEM_DATE
  , pa_accum_utils.Get_current_pa_period
  , pa_accum_utils.Get_current_gl_period
  , PPRD.REQ_LINE
  , PPRD.CREATION_DATE
  , TO_DATE(NULL)
  , PPRD.REQUESTOR_NAME
  , TO_CHAR(NULL)
  , PPRD.APPROVED_FLAG
  , TO_DATE(NULL)
  , PPRD.NEED_BY_DATE
  , PPRD.EXPENDITURE_ORGANIZATION_ID
  , PPRD.VENDOR_ID
  , PPRD.VENDOR_NAME
  , PPRD.EXPENDITURE_TYPE
  , PPRD.EXPENDITURE_CATEGORY
  , PPRD.REVENUE_CATEGORY
  , 'VI'
  , PPRD.UNIT
  , PPRD.UNIT_PRICE
  , PA_BURDEN_CMTS.GET_CMT_COMPILED_SET_ID(NULL, 'CMT', PPRD.TASK_ID,
      PPRD.EXPENDITURE_ITEM_DATE, PPRD.EXPENDITURE_ORGANIZATION_ID, 'C')
  , PPRD.AMOUNT
  , PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT', PPRD.TASK_ID,
      PPRD.EXPENDITURE_ITEM_DATE, PPRD.EXPENDITURE_TYPE,
      PPRD.EXPENDITURE_ORGANIZATION_ID, 'C', PPRD.AMOUNT)
  , PPRD.QUANTITY
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
  , TO_NUMBER(NULL)
```

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```

, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, NULL
, NULL
, NULL
, TO_DATE(NULL)
, TO_NUMBER(NULL)
, SYSDATE
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_DATE(NULL)
, PPRD.denom_currency_code
, PPRD.denom_amount
, PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT', PPRD.TASK_ID,
PPRD.EXPENDITURE_ITEM_DATE, PPRD.EXPENDITURE_TYPE,
PPRD.EXPENDITURE
_ORGANIZATION_ID, 'C', PPRD.denom_amount)
, PPRD.acct_currency_code
, PPRD.acct_rate_date
, PPRD.acct_rate_type
, PPRD.acct_exchange_rate
, TO_CHAR(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
FROM
PA_PROJ_REQ_DISTRIBUTIONS PPRD
UNION ALL
SELECT
PPPD.PROJECT_ID,
PPPD.TASK_ID,
'ORACLE_PURCHASING',
'P',
PPPD.PO_NUMBER,
PPPD.PO_DISTRIBUTION_ID,
PPPD.PO_HEADER_ID,
PPPD.ITEM_DESCRIPTION,
PPPD.EXPENDITURE_ITEM_DATE,
pa_accum_utils.Get_current_pa_period,
pa_accum_utils.Get_current_gl_period,
PPPD.PO_LINE,
PPPD.CREATION_DATE,
PPPD.APPROVED_DATE,
PPPD.REQUESTOR_NAME,
PPPD.BUYER_NAME,
PPPD.APPROVED_FLAG,
PPPD.PROMISED_DATE,
PPPD.NEED_BY_DATE,
PPPD.EXPENDITURE_ORGANIZATION_ID,
PPPD.VENDOR_ID,
PPPD.VENDOR_NAME,
PPPD.EXPENDITURE_TYPE,
PPPD.EXPENDITURE_CATEGORY,
PPPD.REVENUE_CATEGORY,
'VI',

```

```

PPPD.UNIT,
PPPD.UNIT_PRICE,
PA_BURDEN_CMTS.GET_CMT_COMPILED_SET_ID(NULL, 'CMT', PPPD.TASK_ID
,PPPD.EXPENDITURE_ITEM_DATE,PPPD.EXPENDITURE_ORGANIZATION_ID, 'C' ) ,
PPPD.AMOUNT_OUTSTANDING_INVOICE,
PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT', PPPD.TASK_ID,
    PPPD.EXPENDITURE_ITEM_DATE,PPPD.EXPENDITURE_TYPE,
    PPPD.EXPENDITURE_ORGANIZATION_ID, 'C' ,
    PPPD.AMOUNT_OUTSTANDING_INVOICE),
PPPD.QUANTITY_OUTSTANDING_INVOICE,
PPPD.QUANTITY_ORDERED,
PPPD.AMOUNT_ORDERED,
PPPD.ORIGINAL_QUANTITY_ORDERED,
PPPD.ORIGINAL_AMOUNT_ORDERED,
PPPD.QUANTITY_CANCELLED,
PPPD.AMOUNT_CANCELLED,
PPPD.QUANTITY_DELIVERED,
PPPD.QUANTITY_INVOICED,
PPPD.AMOUNT_INVOICED,
PPPD.QUANTITY_OUTSTANDING_DELIVERY,
PPPD.AMOUNT_OUTSTANDING_DELIVERY,
PPPD.QUANTITY_OUTSTANDING_INVOICE,
PPPD.AMOUNT_OUTSTANDING_INVOICE,
PPPD.QUANTITY_OVERBILLED,
PPPD.AMOUNT_OVERB
ILLED,
NULL,
NULL,
NULL,
TO_DATE(NULL),
TO_NUMBER(NULL),
SYSDATE,
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_DATE(NULL),
    PPPD.denom_currency_code,
    PPPD.denom_amt_outstanding_invoice,
    PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT', PPPD.TASK_ID,
        PPPD.EXPENDITURE_ITEM_DATE,PPPD.EXPENDITURE_TYPE,
        PPPD.EXPENDITURE_ORGANIZATION_ID, 'C' ,
        PPPD.denom_amt_outstanding_invoice),
    PPPD.acct_currency_code,
    PPPD.acct_rate_date,
    PPPD.acct_rate_type,
    PPPD.acct_exchange_rate,
    TO_CHAR(NULL),
    TO_NUMBER(NULL),
    TO_NUMBER(NULL)
FROM
    PA_PROJ_PO_DISTRIBUTIONS PPPD
UNION ALL
SELECT
    PPAID.PROJECT_ID,
    PPAID.TASK_ID,

```

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```
'ORACLE_PAYABLES',
'T',
PPAID.INVOICE_NUMBER,
PPAID.DISTRIBUTION_LINE_NUMBER,
PPAID.INVOICE_ID,
PPAID.DESCRPTION,
PPAID.EXPENDITURE_ITEM_DATE,
pa_accum_utils.Get_current_pa_period,
pa_accum_utils.Get_current_gl_period,
PPAID.DISTRIBUTION_LINE_NUMBER,
PPAID.INVOICE_DATE,
TO_DATE(NULL),
TO_CHAR(NULL),
TO_CHAR(NULL),
PPAID.APPROVED_FLAG,
TO_DATE(NULL),
TO_DATE(NULL),
PPAID.EXPENDITURE_ORGANIZATION_ID,
VENDOR_ID,
PPAID.VENDOR_NAME,
PPAID.EXPENDITURE_TYPE,
PPAID.EXPENDITURE_CATEGORY,
PPAID.REVENUE_CATEGORY,
'VI',
TO_CHAR(NULL),
TO_NUMBER(NULL),
PA_BURDEN_CMTS.GET_CMT_COMPILED_SET_ID(NULL,'CMT',PPAID.TASK_ID,
PPAID.EXPENDITURE_ITEM_DATE,PPAID.EXPENDITURE_ORGANIZATION_ID,'C'),
PPAID.AMOUNT,
PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL,'CMT',PPAID.TASK_ID
,PPAID.EXPENDITURE_ITEM_DATE,PPAID.EXPENDITURE_TYPE,
PPAID.EXPENDITURE_ORGANIZATION_ID,'C',PPAID.AMOUNT),
PPAID.QUANTITY,
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_
NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
TO_NUMBER(NULL),
NULL,
NULL,
NULL,
TO_DATE(NULL),
TO_NUMBER(NULL),
SYSDATE,
TO_NUMBER(NULL),
TO_NUMBER(NULL),
```

```

    TO_NUMBER(NULL),
    TO_NUMBER(NULL),
    TO_NUMBER(NULL),
    TO_DATE(NULL),
        PPAID.denom_currency_code,
        PPAID.denom_amount,
        PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT', PPAID.TASK_ID
, PPAID.EXPENDITURE_ITEM_DATE, PPAID.EXPENDITURE_TYPE,
        PPAID.EXPENDITURE_ORGANIZATION_ID, 'C', PPAID.denom_amount),
        PPAID.acct_currency_code,
        PPAID.acct_rate_date,
        PPAID.acct_rate_type,
        PPAID.acct_exchange_rate,
        PPAID.receipt_currency_code ,
        PPAID.receipt_currency_amount ,
        PPAID.receipt_exchange_rate
FROM
    PA_PROJ_AP_INV_DISTRIBUTIONS PPAID
UNION ALL
SELECT
    project_id
    ,task_id
    ,transaction_source
    ,line_type
    ,cmt_number
    ,cmt_distribution_id
    ,cmt_header_id
    ,description
    ,expenditure_item_date
    ,pa_period
    ,gl_period
    ,cmt_line_number
    ,cmt_creation_date
    ,cmt_approved_date
    ,cmt_requestor_name
    ,cmt_buyer_name
    ,cmt_approved_flag
    ,cmt_promised_date
    ,cmt_need_by_date
    ,organization_id
    ,vendor_id
    ,vendor_name
    ,expenditure_type
    ,expenditure_category
    ,revenue_category
    ,system_linkage_function
    ,unit_of_measure
    ,unit_price
    ,cmt_ind_compiled_set_id
        ,acct_raw_cost
        ,acct_burdened_cost
    ,tot_cmt_quantity
    ,quantity_ordered
    ,amount_ordered
    ,original_quantity_ordered
    ,original_amount_ordered
    ,quantity_cancelled

```

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```

,amount_cancelled
,quantity_delivered
,quantity_invoiced
,amount_invoiced

,quantity_outstanding_delivery
,amount_outstanding_delivery
,quantity_outstanding_invoice
,amount_outstanding_invoice
,quantity_overbilled
,amount_overbilled
,original_txn_reference1
,original_txn_reference2
,original_txn_reference3
,last_update_date
,last_updated_by
,creation_date
,created_by
,last_update_login
,request_id
,program_application_id
,program_id
,program_update_date
,denom_currency_code
,denom_raw_cost
,denom_burdened_cost
,acct_currency_code
,acct_rate_date
,acct_rate_type
,acct_exchange_rate
,TO_CHAR(NULL)
,TO_NUMBER(NULL)
,TO_NUMBER(NULL)
FROM CST_PROJMFG_CMT_VIEW
UNION ALL
SELECT
    PMPRD.PROJECT_ID
    , PMPRD.TASK_ID
    , 'ORACLE_PURCHASING'
    , 'R'
    , PMPRD.REQ_NUMBER
    , PMPRD.REQ_DISTRIBUTION_ID
    , PMPRD.REQUISITION_HEADER_ID
    , PMPRD.ITEM_DESCRIPTION
    , PMPRD.EXPENDITURE_ITEM_DATE
    , pa_accum_utils.Get_current_pa_period
    , pa_accum_utils.Get_current_gl_period
    , PMPRD.REQ_LINE
    , PMPRD.CREATION_DATE
    , TO_DATE(NULL)
    , PMPRD.REQUESTOR_NAME
    , TO_CHAR(NULL)
    , PMPRD.APPROVED_FLAG
    , TO_DATE(NULL)
    , PMPRD.NEED_BY_DATE
    , PMPRD.EXPENDITURE_ORGANIZATION_ID
    , PMPRD.VENDOR_ID

```

```

, PMPRD.VENDOR_NAME
, PMPRD.EXPENDITURE_TYPE
, PMPRD.EXPENDITURE_CATEGORY
, PMPRD.REVENUE_CATEGORY
, 'VI'
, PMPRD.UNIT
, PMPRD.UNIT_PRICE
, PA_BURDEN_CMTS.GET_CMT_COMPILED_SET_ID(NULL, 'CMT', PMPRD.TASK_ID,
    PMPRD.EXPENDITURE_ITEM_DATE, PMPRD.EXPENDITURE_ORGANIZATION_ID, 'C')
, PMPRD.AMOUNT
, PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT', PMPRD.TASK_ID,
    PMPRD.EXPENDITURE_ITEM_DATE, PMPRD.EXPENDITURE_TYPE,
    PMPRD.EXPENDITURE_ORGANIZATION_ID, 'C', PMPRD.AMOUNT)
, PMPRD.QUANTITY
, TO_NUMBER
(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, NULL
, NULL
, NULL
, TO_DATE(NULL)
, TO_NUMBER(NULL)
, SYSDATE
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
, TO_DATE(NULL)
, PMPRD.denom_currency_code
, PMPRD.denom_amount
, PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT', PMPRD.TASK_ID,
    PMPRD.EXPENDITURE_ITEM_DATE, PMPRD.EXPENDITURE_TYPE,
    PMPRD.EXPENDITURE_ORGANIZATION_ID, 'C', PMPRD.denom_amount)
, PMPRD.acct_currency_code
, PMPRD.acct_rate_date
, PMPRD.acct_rate_type
, PMPRD.acct_exchange_rate
, TO_CHAR(NULL)
, TO_NUMBER(NULL)
, TO_NUMBER(NULL)
FROM
    PJM_REQ_COMMITMENTS_V PMPRD
UNION ALL

```

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```

SELECT
    PMPPD.PROJECT_ID,
    PMPPD.TASK_ID,
    'ORACLE_PURCHASING' ,
    'P' ,
    PMPPD.PO_NUMBER,
    PMPPD.PO_DISTRIBUTION_ID,
    PMPPD.PO_HEADER_ID,
    PMPPD.ITEM_DESCRIPTION,
    PMPPD.EXPENDITURE_ITEM_DATE,
    pa_accum_utils.Get_current_pa_period,
    pa_accum_utils.Get_current_gl_period,
    PMPPD.PO_LINE,
    PMPPD.CREATION_DATE,
    PMPPD.APPROVED_DATE,
    PMPPD.REQUESTOR_NAME,
    PMPPD.BUYER_NAME,
    PMPPD.APPROVED_FLAG,
    TO_DATE(NULL) ,
    TO_DATE(NULL) ,
    PMPPD.EXPENDITURE_ORGANIZATION_ID,
    PMPPD.VENDOR_ID,
    PMPPD.VENDOR_NAME,
    PMPPD.EXPENDITURE_TYPE,
    PMPPD.EXPENDITURE_CATEGORY,
    PMPPD.REVENUE_CATEGORY,
    'VI' ,
    PMPPD.UNIT,
    PMPPD.UNIT_PRICE,
    PA_BURDEN_CMTS.GET_CMT_COMPILED_SET_ID(NULL, 'CMT' , PMPPD.TASK_ID
, PMPPD.EXPENDITURE_ITEM_DATE, PMPPD.EXPENDITURE_OR
GANIZATION_ID, 'C' ) ,
    pmppd.amount_outstanding_delivery,
    PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT' , PMPPD.TASK_ID,
    PMPPD.EXPENDITURE_ITEM_DATE, PMPPD.EXPENDITURE_TYPE ,
    PMPPD.EXPENDITURE_ORGANIZATION_ID, 'C' ,
    pmppd.amount_outstanding_delivery) ,
    pmppd.quantity_outstanding_delivery,
    PMPPD.QUANTITY_ORDERED,
    PMPPD.AMOUNT_ORDERED,
    PMPPD.ORIGINAL_QUANTITY_ORDERED,
    PMPPD.ORIGINAL_AMOUNT_ORDERED,
    PMPPD.QUANTITY_CANCELLED,
    PMPPD.AMOUNT_CANCELLED,
    PMPPD.QUANTITY_DELIVERED,
    PMPPD.QUANTITY_INVOICED,
    PMPPD.AMOUNT_INVOICED,
    PMPPD.QUANTITY_OUTSTANDING_DELIVERY,
    PMPPD.AMOUNT_OUTSTANDING_DELIVERY,
    PMPPD.QUANTITY_OUTSTANDING_INVOICE,
    PMPPD.AMOUNT_OUTSTANDING_INVOICE,
    PMPPD.QUANTITY_OVERBILLED,
    PMPPD.AMOUNT_OVERBILLED,
    NULL,
    NULL,
    NULL,
    TO_DATE(NULL) ,

```

```

    TO_NUMBER(NULL),
    SYSDATE,
    TO_NUMBER(NULL),
    TO_NUMBER(NULL),
    TO_NUMBER(NULL),
    TO_NUMBER(NULL),
    TO_NUMBER(NULL),
    TO_DATE(NULL),
    PMPPD.denom_currency_code,
    PMPPD.denom_amt_outstanding_delivery,
    PA_BURDEN_CMTS.GET_CMT_BURDENED_COST(NULL, 'CMT', PMPPD.TASK_ID,
    PMPPD.EXPENDITURE_ITEM_DATE, PMPPD.EXPENDITURE_TYPE,
    PMPPD.EXPENDITURE_ORGANIZATION_ID, 'C',
    PMPPD.denom_amt_outstanding_delivery),
    PMPPD.acct_currency_code,
    PMPPD.acct_rate_date,
    PMPPD.acct_rate_type,
    PMPPD.acct_exchange_rate,
    TO_CHAR(NULL),
    TO_NUMBER(NULL),
    TO_NUMBER(NULL)
FROM
    PJM_PO_COMMITMENTS_V PMPPD

```

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	Identifier of the project.
TASK_ID	NULL	NUMBER	Identifier of the lowest task
TRANSACTION_SOURCE	NULL	VARCHAR2(20)	Source of commitment, i.e., ORACLE_PURCHASING, ORACLE_PAYABLES, OUTSIDE_SYSTEM.
LINE_TYPE	NULL	VARCHAR2(1)	Commitment line type: (R)equisition, (P)urchase Order, (I) Supplier Invoice.
CMT_NUMBER	NULL	VARCHAR2(50)	The commitment document number: requisition, purchase order or invoice number.
CMT_DISTRIBUTION_ID	NULL	NUMBER	The identifier of the requisition or purchase order distribution.
CMT_HEADER_ID	NULL	NUMBER	Identifier for the requisition, purchase order or invoice header.
DESCRIPTION	NULL	VARCHAR2(240)	The description of either the requisition or purchase order line or the invoice distribution.
EXPENDITURE_ITEM_DATE	NULL	DATE	The expenditure item date on which you expect to incur the commitment costs.
PA_PERIOD	NULL	VARCHAR2(4000)	PA period corresponding to the commitment.
GL_PERIOD	NULL	VARCHAR2(4000)	GL period corresponding to the commitment PA period.
CMT_LINE_NUMBER	NULL	NUMBER	The requisition, purchase order or invoice line number in which the distribution is included.

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Column Descriptions (Continued)

Name	Null?	Type	Description
CMT_CREATION_DATE	NULL	DATE	Date on which the requisition or purchase order was created or the invoice was incurred.
CMT_APPROVED_DATE	NULL	DATE	Date on which the requisition, purchase order or invoice was approved
CMT_REQUESTOR_NAME	NULL	VARCHAR2(240)	The full name of requestor.
CMT_BUYER_NAME	NULL	VARCHAR2(240)	The full name of buyer.
CMT_APPROVED_FLAG	NULL	VARCHAR2(1)	Indicator if the commitment is approved: "Y" for approved, "N" for not approved.
CMT_PROMISED_DATE	NULL	DATE	Promised delivery date for commitment.
CMT_NEED_BY_DATE	NULL	DATE	Date that commitment is needed by.
ORGANIZATION_ID	NULL	NUMBER	Identifier of the expenditure organization incurring the commitment.
VENDOR_ID	NULL	NUMBER	Identifier of the Supplier.
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier Name.
EXPENDITURE_TYPE	NULL	VARCHAR2(4000)	Commitment expenditure type.
EXPENDITURE_CATEGORY	NULL	VARCHAR2(30)	The expenditure category of the commitment .
REVENUE_CATEGORY	NULL	VARCHAR2(30)	The revenue category of the commitment.
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(15)	Commitment system linkage function: VENDOR_INVOICES.
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Not currently used in Oracle Projects
UNIT_PRICE	NULL	NUMBER	Cost per unit of the project-related commitment distribution.
CMT_IND_COMPILED_SET_ID	NULL	NUMBER	Identifier for the indirect compiled set.
ACCT_RAW_COST	NULL	NUMBER	The functional currency raw cost amount of the project-related commitment distribution.
ACCT_BURDENED_COST	NULL	NUMBER	The functional currency burdened cost amount of the project-related commitment distribution.
TOT_CMT_QUANTITY	NULL	NUMBER	Outstanding quantity of the project-related commitment distribution.
QUANTITY_ORDERED	NULL	NUMBER	Distribution quantity ordered of the purchase order commitment.
AMOUNT_ORDERED	NULL	NUMBER	Distribution amount ordered of the purchase order commitment.
ORIGINAL_QUANTITY_ORDERED	NULL	NUMBER	Distribution original quantity ordered of the purchase order commitment.
ORIGINAL_AMOUNT_ORDERED	NULL	NUMBER	Distribution original amount ordered of the purchase order commitment.
QUANTITY_CANCELLED	NULL	NUMBER	Distribution quantity cancelled of the purchase order commitment.
AMOUNT_CANCELLED	NULL	NUMBER	Distribution amount cancelled of the purchase order commitment.

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Column Descriptions (Continued)

Name	Null?	Type	Description
QUANTITY_DELIVERED	NULL	NUMBER	Distribution quantity delivered of the purchase order commitment.
QUANTITY_INVOICED	NULL	NUMBER	Distribution quantity invoiced of the purchase order commitment.
AMOUNT_INVOICED	NULL	NUMBER	Distribution amount invoiced of the purchase order commitment.
QUANTITY_OUTSTANDING_DELIVERY	NULL	NUMBER	Distribution quantity outstanding delivery of the purchase order commitment.
AMOUNT_OUTSTANDING_DELIVERY	NULL	NUMBER	Distribution amount outstanding delivery of the purchase order commitment.
QUANTITY_OUTSTANDING_INVOICE	NULL	NUMBER	Distribution quantity outstanding invoice of the purchase order commitment.
AMOUNT_OUTSTANDING_INVOICE	NULL	NUMBER	Distribution amount outstanding invoice of the purchase order commitment.
QUANTITY_OVERBILLED	NULL	NUMBER	Distribution quantity overbilled of the purchase order commitment.
AMOUNT_OVERBILLED	NULL	NUMBER	Distribution amount overbilled of the purchase order commitment.
ORIGINAL_TXN_REFERENCE1	NULL	VARCHAR2(15)	Original transaction reference-1.
ORIGINAL_TXN_REFERENCE2	NULL	VARCHAR2(15)	Original transaction reference-2.
ORIGINAL_TXN_REFERENCE3	NULL	VARCHAR2(15)	Original transaction reference-3.
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
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	The transaction currency code.
DENOM_RAW_COST	NULL	NUMBER	The transaction currency raw cost amount of the project-related commitment distribution.
DENOM_BURDENED_COST	NULL	NUMBER	The transaction currency burdened cost amount of the project-related commitment distribution.
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	The functional currency code.
ACCT_RATE_DATE	NULL	DATE	The functional currency rate date.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	The functional currency rate type (such as Spot or Corporate).
ACCT_EXCHANGE_RATE	NULL	NUMBER	The functional currency exchange rate.

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Column Descriptions (Continued)

Name	Null?	Type	Description
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	For expense reports, the receipt currency code (the currency in which the expenses originally occurred).
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	For expense reports, the receipt currency amount. For all the other rows, this value is null.
RECEIPT_EXCHANGE_RATE	NULL	NUMBER	For expense reports, the exchange rate to convert from the receipt currency to the transaction currency.

## PA\_COMPENSATION\_DETAILS\_ALL

PA\_COMPENSATION\_DETAILS\_ALL stores hourly cost rates and compensation rules for employees.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_COMPENSATION_RULE_SETS	COMPENSATION_RULE_SET	COMPENSATION_RULE_SET
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID (PK)	NOT NULL	NUMBER(9)	The identifier of the employee for which the compensation detail is entered
COMPENSATION_RULE_SET	NOT NULL	VARCHAR2(20)	The compensation rule which indicates how the employee is compensated, particularly for overtime hours
START_DATE_ACTIVE (PK)	NOT NULL	DATE	First effective date of the compensation detail
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
HOURLY_COST_RATE	NOT NULL	NUMBER(22,5)	The hourly rate for the employee used in labor costing
END_DATE_ACTIVE	NULL	DATE	Last effective date of the compensation detail
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
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_COMPENSATION_DETAILS_U1	UNIQUE	1	PERSON_ID
		2	START_DATE_ACTIVE
		4	ORG_ID

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## PA\_COMPENSATION\_RULE\_SETS

PA\_COMPENSATION\_RULE\_SETS stores implementation-defined classifications used to describe how employees are compensated, particularly for premium overtime hours. We refer to compensation rule sets as compensation rules throughout the documentation for Oracle Projects.

An employee's compensation rule may determine premium hours if premium overtime hours are calculated using the Overtime Calculation program. See *Tracking Overtime and Premium Labor Costs in the Oracle Projects User's Guide* for more information about using compensation rules to process overtime hours.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	ALLOCATED_OVERTIME_EXP_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
COMPENSATION_RULE_SET (PK)	NOT NULL	VARCHAR2(20)	Implementation-defined name that uniquely identifies the compensation rule
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 the compensation rule
ALLOCATED_OVERTIME_EXP_TYPE	NOT NULL	VARCHAR2(30)	The overtime expenditure type used to create overtime expenditure items in the Overtime Calculation program for employees assigned this compensation rule
END_DATE_ACTIVE	NULL	DATE	Last effective date of the compensation rule
PROJECT_ID	NULL	NUMBER(15)	The identifier of the overtime project that defaults upon manual entry of overtime labor items for employees assigned to the compensation rule
TASK_ID	NULL	NUMBER(15)	The identifier of the task that defaults upon manual entry of overtime labor items for employees assigned to the compensation rule
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

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*Column Descriptions (Continued)*

Name	Null?	Type	Description
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

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_COMPENSATION_RULE_SETS_U1	UNIQUE	1	COMPENSATION_RULE_SET

## PA\_COMPILED\_MULTIPLIERS

PA\_COMPILED\_MULTIPLIERS stores build-up burden rates to easily calculate burden amounts by multiplying the direct (raw) cost and the compiled multiplier.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_COST_BASE_COST_CODES	COST_BASE_COST_CODE_ID	COST_BASE_COST_CODE_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	IND_COMPILED_SET_ID

### Column Descriptions

Name	Null?	Type	Description
IND_COMPILED_SET_ID	NOT NULL	NUMBER(15)	The identifier of the compiled set
COST_BASE_COST_CODE_ID	NOT NULL	NUMBER(15)	The identifier of cost code used in the cost base
COST_BASE	NOT NULL	VARCHAR2(30)	The name of the cost base, denormalized from PA_COST_BASE_COST_CODES.
IND_COST_CODE	NOT NULL	VARCHAR2(30)	The name of the burden cost code, denormalized from PA_COST_BASE_COST_CODES
PRECEDENCE	NOT NULL	NUMBER(15)	The precedence of burden cost code within the cost base
COMPILED_MULTIPLIER	NOT NULL	NUMBER(22,5)	The build-up multiplier for the cost base, burden cost code, and compiled set according to the precedence
MULTIPLIER	NOT NULL	NUMBER(22,5)	The original multiplier defined in the burden schedule revision
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
REQUEST_ID		NUMBER(15)	Standard Who Column
PROGRAM_APPLICATION_ID		NUMBER(15)	Standard Who Column
PROGRAM_ID		NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE		DATE	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_COMPILED_MULTIPLIERS_N1	NOT UNIQUE	1	IND_COMPILED_SET_ID
		2	COST_BASE
PA_COMPILED_MULTIPLIERS_U1	UNIQUE	1	IND_COMPILED_SET_ID
		2	COST_BASE_COST_CODE_ID

PA\_COST\_BASES

PA\_COST\_BASES stores implementation-defined groupings of expenditure types. A cost base may be used for allocating burden costs to raw costs, calculating fees, or other purposes.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COST_BASE_TYPE	COST BASE TYPE	PA_LOOKUPS
	INDIRECT COST	Indirect Cost
	OTHER	Other

Column Descriptions

Name	Null?	Type	Description
COST_BASE (PK)	NOT NULL	VARCHAR2(30)	The implementation-defined name that groups expenditure types and burden cost codes
COST_BASE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The type of the cost base
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the cost base
END_DATE_ACTIVE	NULL	DATE	Last effective date of the cost base
REPORT_SORT_ORDER	NOT NULL	NUMBER(15)	The cost base display sequence on the report
DESCRIPTION	NULL	VARCHAR2(250)	The description of the cost base
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
PA_COST_BASES_U1	UNIQUE	1	COST_BASE
		2	COST_BASE_TYPE



## PA\_COST\_BASE\_COST\_CODES

PA\_COST\_BASE\_COST\_CODES stores relationships between cost bases and burden cost codes. These relationships define which burden cost codes are included in a cost base.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_COST_BASES	COST_BASE COST_BASE_TYPE	COST_BASE COST_BASE_TYPE
PA_COST_PLUS_STRUCTURES	COST_PLUS_STRUCTURE	COST_PLUS_STRUCTURE
PA_IND_COST_CODES	IND_COST_CODE	IND_COST_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COST_BASE_TYPE	COST BASE TYPE INDIRECT COST OTHER	PA_LOOKUPS Indirect Cost Other

### Column Descriptions

Name	Null?	Type	Description
COST_BASE_COST_CODE_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the cost base and burden cost code
COST_PLUS_STRUCTURE	NOT NULL	VARCHAR2(30)	The name of the burden structure
COST_BASE	NOT NULL	VARCHAR2(30)	The name of the cost base
COST_BASE_TYPE	NOT NULL	VARCHAR2(30)	The type of the cost base
IND_COST_CODE	NOT NULL	VARCHAR2(30)	The name of the burden cost code which is based on the cost base
PRECEDENCE	NOT NULL	NUMBER(15)	The build-up precedence of the burden cost code within the cost base
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
PA_COST_BASE_COST_CODES_U1	UNIQUE	1	COST_BASE_COST_CODE_ID
PA_COST_BASE_COST_CODES_U2	UNIQUE	1	COST_PLUS_STRUCTURE
		2	COST_BASE
		3	COST_BASE_TYPE
		4	IND_COST_CODE

### Sequences

Sequence	Derived Column
PA_COST_BASE_COST_CODES_S	COST_BASE_COST_CODE_ID

# PA\_COST\_BASE\_EXP\_TYPES

PA\_COST\_BASE\_EXP\_TYPES stores relationships between cost bases and expenditure types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_COST_BASES	COST_BASE	COST_BASE
	COST_BASE_TYPE	COST_BASE_TYPE
PA_COST_PLUS_STRUCTURES	COST_PLUS_STRUCTURE	COST_PLUS_STRUCTURE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COST_BASE_TYPE	COST BASE TYPE INDIRECT COST OTHER	PA_LOOKUPS Indirect Cost Other

Column Descriptions

Name	Null?	Type	Description
COST_PLUS_STRUCTURE (PK)	NOT NULL	VARCHAR2(30)	The name of the burden structure
COST_BASE (PK)	NOT NULL	VARCHAR2(30)	The name of the cost base
COST_BASE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The type of the cost base
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The name of the expenditure type that is based on the cost base
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
PA_COST_BASE_EXP_TYPES_U1	UNIQUE	1	COST_PLUS_STRUCTURE
		2	COST_BASE
		3	COST_BASE_TYPE
		4	EXPENDITURE_TYPE

## PA\_COST\_BURDEN\_DETAILS\_V

This view shows the individual burden cost components of each expenditure item that is burdened.

### View Definition

```
CREATE VIEW PA_COST_BURDEN_DETAILS_V
as SELECT
    p.segment1 , p.name , p.project_id , t.task_number , t.task_name , t.task_id ,
    bdb.expenditure_organization , bdb.expenditure_organization_id , ei.expenditure_type ,
    ei.expenditure_item_date , cdl.pa_date , cdl.gl_date , cdl.amount , cdl.burdened_cost ,
    PA_CURRENCY.ROUND_CURRENCY_AMT(cdl.amount * bdb.compiled_multiplier) , bdb.cost_base ,
    bdb.cb_sort_order , bdb.burden_cost_code , bdb.bcc_precedence , bdb.input_multiplier ,
    bdb.compiled_multiplier , ei.expenditure_item_id , cdl.line_num , bdb.burden_schedule ,
    bdb.burden_schedule_id , bdb.burden_schedule_revision , bdb.burden_schedule_revision_id ,
    bdb.burden_structure , bdb.compiled_set_id , cdl.denom_currency_code , cdl.denom_raw_cost ,
    PA_CURRENCY.ROUND_CURRENCY_AMT(cdl.denom_raw_cost * bdb.compiled_multiplier) ,
    cdl.denom_burdened_cost , cdl.acct_currency_code , cdl.acct_raw_cost ,
    PA_CURRENCY.ROUND_CURRENCY_AMT(cdl.acct_raw_cost * bdb.compiled_multiplier) ,
    cdl.acct_burdened_cost FROM pa_burden_details_base_v bdb, pa_projects_all p, pa_tasks t,
    pa_expenditures e, pa_expenditure_items ei, pa_cost_distribution_lines cdl
    Where bdb.compiled_set_id = cdl.ind_compiled_set_id AND bdb.expenditure_type =
    ei.expenditure_type AND bdb.expenditure_organization_id = nvl(ei.override_to_organization_id,
    e.incurred_by_organization_id) AND ei.expenditure_item_id = cdl.expenditure_item_id AND
    cdl.line_type = 'R' AND e.expenditure_id = ei.expenditure_id AND t.task_id = ei.task_id AND
    p.project_id = t.project_id
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Project Number
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Project Name
PROJECT_ID	NOT NULL	NUMBER(15)	Project Id
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Task Number
TASK_NAME	NOT NULL	VARCHAR2(20)	Task Name
TASK_ID	NOT NULL	NUMBER(15)	Task Id
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Expenditure Organization
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Expenditure Organization Id
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure Type
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Expenditure Item Date
PA_DATE	NULL	DATE	PA Date
GL_DATE	NULL	DATE	GL date
RAW_COST	NOT NULL	NUMBER(22,5)	Raw Cost
BURDENED_COST	NULL	NUMBER(22,5)	Burdened Cost
BURDEN_COST	NULL	NUMBER	Burden Cost
COST_BASE	NOT NULL	VARCHAR2(30)	Cost Base
CB_SORT_ORDER	NOT NULL	NUMBER(15)	Cost Base Sort Order
BURDEN_COST_CODE	NOT NULL	VARCHAR2(30)	Burden Cost Code
BCC_PRECEDENCE	NOT NULL	NUMBER(15)	Precedence
INPUT_MULTIPLIER	NOT NULL	NUMBER(22,5)	Input Multiplier
COMPILED_MULTIPLIER	NOT NULL	NUMBER(22,5)	Compiled Multiplier
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Expenditure Item Id

Column Descriptions (Continued)

Name	Null?	Type	Description
CDL_LINE_NUM	NOT NULL	NUMBER(15)	Line Number
BURDEN_SCHEDULE	NOT NULL	VARCHAR2(30)	Burden Schedule
BURDEN_SCHEDULE_ID	NOT NULL	NUMBER(15)	Burden Schedule Id
BURDEN_SCHEDULE_REVISION	NOT NULL	VARCHAR2(30)	Burden Schedule Revision
BURDEN_SCHEDULE_REVISION_ID	NOT NULL	NUMBER(15)	Burden Schedule Revision Id
BURDEN_STRUCTURE	NOT NULL	VARCHAR2(30)	Burden Structure
COMPILED_SET_ID	NOT NULL	NUMBER(15)	Compiled Set Id
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Denomination currency code of the transaction
DENOM_RAW_COST	NULL	NUMBER	Raw cost in denomination currency
DENOM_BURDEN_COST	NULL	NUMBER	Burden cost in Denomination currency
DENOM_BURDENED_COST	NULL	NUMBER	Burdened cost in Denomination currency
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Account currency code of the transaction
ACCT_RAW_COST	NULL	NUMBER	Raw cost in accounting currency
ACCT_BURDEN_COST	NULL	NUMBER	Burden cost in Accounting currency
ACCT_BURDENED_COST	NULL	NUMBER	Burdened cost in Accounting currency

---

## PA\_COST\_DISTRIBUTION\_LINES\_ALL

PA\_COST\_DISTRIBUTION\_LINES\_ALL stores information about the cost distribution of expenditure items. When a cost distribution program processes an expenditure item, it creates one or more corresponding cost distribution lines to hold the cost amounts and the general ledger account information to which the cost amounts will post. Cost distribution lines amount are implicitly debit amounts.

An expenditure item may have many cost distribution lines if:

- 1) you account for total burdened costs by running the Distribute Total Burdened Costs process. The cost distribution lines for total burdened costs are identified with the line type of C and D.
- 2) adjusting cost distribution lines are created due a change in either the cost amount, the GL account, burden cost quantity, burden compiled set identifier or the billable flag.

Adjusting lines are identified with a value in the LINE\_NUM\_REVERSED column. The transfer status of a cost distribution lines is maintained as follows:

For labor and usages:

- Distribute Costs – Create CDL; set to Pending (P)
- Transfer Costs – If successfully transferred to GL, set to Accepted(A); Else rejected in transfer to GL, set to Rejected in Transfer (X)
- Tieback Costs – If successfully tied back from GL, no update since already set to Accepted; Else rejected by GL, set to Rejected (R) to be re-transferred

For expense reports:

- Distribute Costs – Create CDL; set to Pending (P)
- Transfer Costs – If successfully transferred to Oracle Payables, set to Transferred (T); Else rejected in transfer to AP; set to Rejected in Transfer (X)
- Tieback Costs – If successfully tied back from Oracle Payables, set to Accepted(A); Else rejected by Oracle Payables; set to Rejected (R) to be re-transferred

For supplier invoices from Oracle Payables:

- Interface from Oracle Payables – Upon creation, set to Received (V)

For supplier invoice adjustment lines:

- **Distribute Costs** – Create CDL; set to Pending (P). If payables rules do not allow adjustments to the invoice (example: if the invoice is cancelled), then distribute supplier invoice adjustments program would create the CDL and set the value to (G), these lines will always reside in Oracle Projects and will not be transferred to Oracle Payables.)
- **Transfer Costs** – If successfully transferred to Oracle Payables, set to Accepted(A); Else rejected in transfer to Oracle Payables, set to Rejected in Transfer (X)
- **No Tieback**

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_INVOICE_DISTRIBUTIONS_ALL	INVOICE_ID DISTRIBUTION_LINE_NUMBER	SYSTEM_REFERENCE2 SYSTEM_REFERENCE3
FND_CURRENCIES	CURRENCY_CODE	ACCT_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PROJECT_CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DR_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CR_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	ACCT_RATE_TYPE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	PROJECT_RATE_TYPE
GL_JE_LINES	REFERENCE_1 CODE_COMBINATION_ID	BATCH_NAME DR_CODE_COMBINATION_ID
PA_COST_DISTRIBUTION_LINES_ALL	EXPENDITURE_ITEM_ID LINE_NUM	EXPENDITURE_ITEM_ID LINE_NUM_REVERSED
PA_EXPENDITURE_BATCHES_ALL	BATCH_NAME ORG_ID	BATCH_NAME ORG_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	IND_COMPILED_SET_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	IND_COMPILED_SET_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PO_VENDORS	VENDOR_ID	SYSTEM_REFERENCE2

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BURDEN_SUM_REJECTION_CODE	BURDEN_SUM_REJECTION_CODE BCC_EXP_TYPE_NULL  BTC_INACTIVE  PROJECT_TASK_NULL	PA_LOOKUPS Expnd type not defined for burden cost code of expend item Burden Transaction system linkage not define/active Destination Project/Task not defined in Project Type
LINE_TYPE	COST DISTRIBUTION LINE TYPE C D R	PA_LOOKUPS Burdened Credit Burdened Debit Raw
TRANSFER_STATUS_CODE	TRANSFER STATUS A	PA_LOOKUPS Accepted

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	P	Pending
	R	Rejected
	T	Transferred
	V	Received
	X	Rejected in Transfer

## Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the expenditure item that is cost distributed by the distribution line
LINE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the cost distribution line for an expenditure item
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(1)	The status of the distribution line as the cost information is transferred to another application
AMOUNT	NOT NULL	NUMBER(22,5)	Amount in project currency Derived by converting raw cost in transaction currency to project currency
QUANTITY	NOT NULL	NUMBER(22,5)	The number of units that are costed in the distribution line cost. The quantity is set from the expenditure item quantity when the distribution line is created and is used for populating the quantities in the accumulation tables
BILLABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the cost amount is billable. The flag is set from the expenditure item billable flag when the distribution line is created and is used for determining billable/non-billable costs in the accumulation tables
REQUEST_ID	NUL	NUMBER(15)	Standard Who Column
PROGRAM_APPLICATION_ID	NUL	NUMBER(15)	Standard Who Column
PROGRAM_ID	NUL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NUL	DATE	Standard Who Column
PA_DATE	NUL	DATE	The end date of PA period in which the costs were distributed. The PA date is determined by the Distribution programs from the open or future PA period on or after the expenditure item date
DR_CODE_COMBINATION_ID	NUL	NUMBER(15)	The identifier of the GL account to which the cost is charged

Column Descriptions (Continued)

Name	Null?	Type	Description
GL_DATE	NULL	DATE	The end date of GL accounting period to which the costs are posted. Determined by the transfer programs from the first open or future GL period on or after the line's PA date. For supplier invoices this date is copied from AP
TRANSFERRED_DATE	NULL	DATE	The date the distribution line was transferred to another application
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	The reason why the distribution line was rejected by the PA Cost Transfer program or rejected by the other application's interface program
BATCH_NAME	NULL	VARCHAR2(30)	The reference to a batch of lines transferred together. For expense reports, this is an expenditure batch. For cost transferred to GL, this is a concatenation of liability coid, gl date, and transfer request id separated by hyphens.
ACCUMULATED_FLAG	NULL	VARCHAR2(1)	Flag indicating if distribution line cost is included in the accumulator tables. Set to 'N' initially, 'Y' when the line is accumulated. Obsolete as of 4.0 with the new project summary amounts. Replaced by RESOURCE_ACCUMULATED_FLAG.
REVERSED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the distribution line is reversed by another distribution line
LINE_NUM_REVERSED	NULL	NUMBER(15)	The distribution line number that is reversed by this distribution line
SYSTEM_REFERENCE1	NULL	VARCHAR2(30)	The reference to the record in another application when the line is transferred. For supplier invoices, this holds AP_INVOICES.VENDOR_ID. This is not used for other adjustment lines.
SYSTEM_REFERENCE2	NULL	VARCHAR2(30)	The reference to the record in another application when the line is transferred For supplier invoices and expense reports, this holds the AP_INVOICESINVOICE_ID Not used for labor and usages
SYSTEM_REFERENCE3	NULL	VARCHAR2(30)	The reference to the record in another application when the line related to supplier invoice or expense report is transferred. It holds AP_INVOICE_DISTRIBUTIONS.DISTRIBUTION_LINE_NUMBER.
CR_CODE_COMBINATION_ID	NULL	NUMBER(15)	The identifier of the GL liability account
IND_COMPILED_SET_ID	NULL	NUMBER(15)	The identifier of the compiled set which is used to calculate the burden cost

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Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_TYPE	NOT NULL	VARCHAR2(1)	The type of the cost distribution line
BURDENED_COST	NULL	NUMBER(22,5)	Amount of the burdened cost in project currency
RESOURCE_ACCUMULATED_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether this cost distribution line is resource accumulated. The cost distribution line may be accumulated in the current reporting period or future periods. In both cases the resource accum flag will be = 'Y'
FUNCTION_TRANSACTION_CODE	NULL	VARCHAR2(30)	This is a PA 3.0 column
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
CODE_COMBINATION_ID	NULL	NUMBER(15)	Obsolete as of Version 3.1
BURDEN_SUM_SOURCE_RUN_ID	NULL	NUMBER(15)	This will identify group of Cost Distribution Lines that were summarized to create summarized burden component expenditure items(EI). The same run_id will be populated in EI table to identify all EI's created during a run.
BURDEN_SUM_REJECTION_CODE	NULL	VARCHAR2(30)	Burden component summarization rejection code
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction Currency code of the transaction
DENOM_RAW_COST	NULL	NUMBER	The raw cost in transaction currency
DENOM_BURDENED_COST	NULL	NUMBER	The amount of the burdened cost in transaction currency It is only populated for raw cost distribution lines
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Functional Currency Code
ACCT_RATE_DATE	NULL	DATE	Conversion rate date used to convert raw cost from transaction currency to functional currency
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion rate type used to convert raw cost from transaction currency to functional currency
ACCT_EXCHANGE_RATE	NULL	NUMBER	Conversion rate used to convert raw cost from transaction currency to functional currency
ACCT_RAW_COST	NULL	NUMBER	The amount in functional currency to be charged to the gl account for the expenditure item. The amount is stored as a debit, so the burden credit amounts and adjustment amounts are negative
ACCT_BURDENED_COST	NULL	NUMBER	Burdened cost in functional currency
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project currency code of the transaction
PROJECT_RATE_DATE	NULL	DATE	Conversion rate date used to convert raw cost from transaction currency to project currency

#### Column Descriptions (Continued)

Name	Null?	Type	Description
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion rate date used to convert raw cost from transaction currency to project currency
PROJECT_EXCHANGE_RATE	NULL	NUMBER	Conversion rate date used to convert raw cost from transaction currency to project currency
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the task
PRC_GENERATED_FLAG	NULL	VARCHAR2(1)	For future Use

#### Indexes

Index Name	Index Type	Sequence	Column Name
PA_COST_DISTRIBUTION_LINES_N10	NOT UNIQUE	1	BURDEN_SUM_SOURCE_RUN_ID
PA_COST_DISTRIBUTION_LINES_N12	NOT UNIQUE	2	PROJECT_ID
		4	LINE_TYPE
		6	RESOURCE_ACCUMULATED_FLAG
PA_COST_DISTRIBUTION_LINES_N13	NOT UNIQUE	2	SYSTEM_REFERENCE1
		4	LINE_NUM
PA_COST_DISTRIBUTION_LINES_N2	NOT UNIQUE	1	TRANSFER_STATUS_CODE
		2	REQUEST_ID
PA_COST_DISTRIBUTION_LINES_N3	NOT UNIQUE	1	BATCH_NAME
		2	DR_CODE_COMBINATION_ID
PA_COST_DISTRIBUTION_LINES_N4	NOT UNIQUE	1	REQUEST_ID
PA_COST_DISTRIBUTION_LINES_N5	NOT UNIQUE	1	SYSTEM_REFERENCE2
		2	SYSTEM_REFERENCE3
		3	SYSTEM_REFERENCE1
PA_COST_DISTRIBUTION_LINES_N6	NOT UNIQUE	1	ACCUMULATED_FLAG
PA_COST_DISTRIBUTION_LINES_N7	NOT UNIQUE	1	PA_DATE
PA_COST_DISTRIBUTION_LINES_N8	NOT UNIQUE	1	GL_DATE
PA_COST_DISTRIBUTION_LINES_N9	NOT UNIQUE	1	IND_COMPILED_SET_ID
PA_COST_DISTRIBUTION_LINES_U1	UNIQUE	1	EXPENDITURE_ITEM_ID
		2	LINE_NUM

#### Sequences

Sequence	Derived Column
PA_BURDEN_SUM_RUN_S	BURDEN_SUM_SOURCE_RUN_ID

#### Database Triggers

Trigger Name : PA\_MRC\_CDL\_ALL\_AIUD  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update or delete statement on the table PA\_COST\_DISTRIBUTION\_LINES\_ALL. For each record being inserted/updated/deleted in PA\_COST\_DISTRIBUTION\_LINES\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_COST\_DIST\_LINES\_ALL.

## PA\_COST\_DIST\_OVERRIDES

PA\_COST\_DIST\_OVERRIDES stores configurations defined at the project level that redirect specific costs and revenue to another organization. You can define a cost distribution override to redirect the costs and revenues generated by a specific employee or by all employees assigned to a specified organization. You can optionally redirect only certain costs and revenues by specifying an expenditure category.

The cost distribution programs store the destination organization in the `OVERRIDE_TO_ORGANIZATION_ID` column of the `PA_EXPENDITURE_ITEMS_ALL` table. The destination organization overrides the organization that is normally derived from the expenditure or from the Expenditure Organization parameter that is passed to AutoAccounting. The destination organization is stored as the `EXPENDITURE_ORGANIZATION_ID` in the project accumulator tables.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	OVERRIDE_FROM_ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	OVERRIDE_TO_ORGANIZATION_ID
PA_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	EXPENDITURE_CATEGORY
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

### Column Descriptions

Name	Null?	Type	Description
COST_DISTRIBUTION_OVERRIDE_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the cost distribution override
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project that is configured according to the cost distribution override
OVERRIDE_TO_ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the organization to which costs and revenue are overridden
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the override
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
PERSON_ID		NUMBER(9)	The identifier of the employee for which costs and revenue are overridden
EXPENDITURE_CATEGORY		VARCHAR2(30)	The expenditure category for which costs and revenue are overridden
OVERRIDE_FROM_ORGANIZATION_ID		NUMBER(15)	The identifier of the organization for which costs and revenue are overridden

Column Descriptions (Continued)

Name	Null?	Type	Description
END_DATE_ACTIVE	NULL	DATE	Last effective date of the override

Indexes

Index Name	Index Type	Sequence	Column Name
PA_COST_DIST_OVERRIDES_U1	UNIQUE	1	COST_DISTRIBUTION_OVERRIDE_ID
PA_COST_DIST_OVERRIDES_U2	UNIQUE	1	PROJECT_ID
		2	OVERRIDE_FROM_ORGANIZATION_ID
		3	PERSON_ID
		4	EXPENDITURE_CATEGORY
		5	START_DATE_ACTIVE

Sequences

Sequence	Derived Column
PA_COST_DIST_OVERRIDES_S	COST_DISTRIBUTION_OVERRIDE_ID

## PA\_COST\_EXCEPTIONS\_DET\_V

PA\_COST\_EXCEPTIONS\_DET\_V identifies all the cost distribution lines that prevents a period from being closed.

### View Definition

```
CREATE VIEW PA_COST_EXCEPTIONS_DET_V
as SELECT
    TSK.PROJECT_ID PROJECT_ID , PRJ.SEGMENT1 PROJECT_NUMBER , SMRY.TASK_ID TASK_ID ,
    TSK.TASK_NUMBER TASK_NUMBER , SMRY.INVOICE_ID INVOICE_ID , SMRY.INVOICE_DISTRIBUTION_LINE_NUM
    INVOICE_DISTRIBUTION_LINE_NUM , SMRY.EXPENDITURE_ID EXPENDITURE_ID , SMRY.EXPENDITURE_ITEM_ID
    EXPENDITURE_ITEM_ID , SMRY.EXPENDITURE_ITEM_DATE EXPENDITURE_ITEM_DATE ,
    EXP.EXPENDITURE_ENDING_DATE EXPENDITURE_ENDING_DATE , EXP.EXPENDITURE_GROUP EXPENDITURE_GROUP ,
    SMRY.EXPENDITURE_TYPE EXPENDITURE_TYPE , SMRY.CDL_LINE_NUM CDL_LINE_NUM , SMRY.PA_DATE PA_DATE
    , SMRY.PERIOD_NAME PERIOD_NAME , SMRY.QUANTITY , SMRY.AMOUNT AMOUNT , SMRY.DENOM_CURRENCY_CODE
    , SMRY.DENOM_AMOUNT DENOM_AMOUNT , SMRY.PROJECT_AMOUNT PROJECT_AMOUNT , SMRY.VENDOR_ID
    VENDOR_ID , VND.SEGMENT1 VENDOR_NUMBER , VND.VENDOR_NAME VENDOR_NAME ,
    EXP.INCURRED_BY_PERSON_ID PERSON_ID , EMP.FULL_NAME PERSON_NAME , SMRY.TRANSFER_STATUS_CODE
    TRANSFER_STATUS_CODE , SMRY.TRANSFER_REJECTION_REASON TRANSFER_REJECTION_REASON ,
    SMRY.EXCEPTION_REASON EXCEPTION_REASON , SMRY.CORRECTIVE_ACTION CORRECTIVE_ACTION FROM
    PA_COST_EXCEPTIONS_SUM_V SMRY, PA_PROJECTS_ALL PRJ, PA_TASKS TSK, PA_EXPENDITURES_ALL EXP,
    PO_VENDORS VND, PER_PEOPLE_F EMP
    Where PRJ.PROJECT_ID = TSK.PROJECT_ID AND TSK.TASK_ID = SMRY.TASK_ID AND VND.VENDOR_ID(+) =
    SMRY.VENDOR_ID AND EXP.EXPENDITURE_ID = SMRY.EXPENDITURE_ID AND EMP.PERSON_ID(+) =
    EXP.INCURRED_BY_PERSON_ID
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Project Identifier
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Project Number
TASK_ID	NULL	NUMBER	Task Id
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Task Number
INVOICE_ID	NULL	VARCHAR2(30)	Invoice Id
INVOICE_DISTRIBUTION_LINE_NUM	NULL	VARCHAR2(30)	Invoice Distribution Line Number
EXPENDITURE_ID	NULL	NUMBER	Expenditure Id
EXPENDITURE_ITEM_ID	NULL	NUMBER	Expenditure Item Id
EXPENDITURE_ITEM_DATE	NULL	DATE	Expenditure Item Date
EXPENDITURE_ENDING_DATE	NOT NULL	DATE	Expenditure Ending Date
EXPENDITURE_GROUP	NULL	VARCHAR2(20)	Expenditure Group
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure Type
CDL_LINE_NUM	NULL	NUMBER	Line Num
PA_DATE	NULL	DATE	PA Date
PERIOD_NAME	NULL	VARCHAR2(20)	Period Name
QUANTITY	NULL	NUMBER	Refer to base table.
AMOUNT	NULL	NUMBER	Amount
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
DENOM_AMOUNT	NULL	NUMBER	Denomination Currency Amount
PROJECT_AMOUNT	NULL	NUMBER	Project Currency Amount
VENDOR_ID	NULL	VARCHAR2(30)	Vendor Id
VENDOR_NUMBER	NULL	VARCHAR2(30)	Vendor Number
VENDOR_NAME	NULL	VARCHAR2(80)	Vendor Name

Column Descriptions (Continued)

Name	Null?	Type	Description
PERSON_ID	NULL	NUMBER(9)	Person Id
PERSON_NAME	NULL	VARCHAR2(240)	Person Name
TRANSFER_STATUS_CODE	NULL	VARCHAR2(1)	Transfer Status Code
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	Transfer Rejection Reason
EXCEPTION_REASON	NULL	VARCHAR2(4000)	Exception Reason
CORRECTIVE_ACTION	NULL	VARCHAR2(4000)	Corrective Action

## PA\_COST\_EXCEPTIONS\_SUM\_V

PA\_COST\_EXCEPTIONS\_SUM\_V identifies the cost distribution lines that prevent a period from being closed.

### View Definition

```
CREATE VIEW PA_COST_EXCEPTIONS_SUM_V
as SELECT
    EI.TASK_ID TASK_ID , EI.EXPENDITURE_ID EXPENDITURE_ID , EI.EXPENDITURE_ITEM_ID
EXPENDITURE_ITEM_ID , EI.EXPENDITURE_ITEM_DATE EXPENDITURE_ITEM_DATE , EI.EXPENDITURE_TYPE
EXPENDITURE_TYPE , CDL.LINE_NUM CDL_LINE_NUM , CDL.PA_DATE PA_DATE , PRD.PERIOD_NAME
PERIOD_NAME , CDL.TRANSFER_STATUS_CODE TRANSFER_STATUS_CODE , CDL.TRANSFER_REJECTION_REASON
TRANSFER_REJECTION_REASON , CDL.QUANTITY QUANTITY , CDL.ACCT_RAW_COST AMOUNT ,
CDL.DENOM_RAW_COST DENOM_AMOUNT , CDL.AMOUNT PROJECT_AMOUNT , CDL.DENOM_CURRENCY_CODE
DENOM_CURRENCY_CODE , CDL.SYSTEM_REFERENCE1 VENDOR_ID , CDL.SYSTEM_REFERENCE2 INVOICE_ID ,
CDL.SYSTEM_REFERENCE3 INVOICE_DISTRIBUTION_LINE_NUM ,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('COST_EXCP', CDL.TRANSFER_STATUS_CODE,
TRANSFER_REJECTION_REASON, 'R') EXCEPTION_REASON ,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('COST_EXCP', CDL.TRANSFER_STATUS_CODE,
TRANSFER_REJECTION_REASON, 'A') CORRECTIVE_ACTION , 'P' CDL_EXCEPTION_TYPE FROM
PA_COST_DISTRIBUTION_LINES CDL, PA_EXPENDITURE_ITEMS EI, PA_IMPLEMENTATIONS IMP, PA_PERIODS PRD
Where EI.EXPENDITURE_ITEM_ID = CDL.EXPENDITURE_ITEM_ID AND CDL.TRANSFER_STATUS_CODE IN
('P','T','R','X') AND EI.SYSTEM_LINKAGE_FUNCTION IN ('ER','VI') AND CDL.LINE_TYPE = 'R' AND
CDL.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE UNION SELECT EI.TASK_ID TASK_ID,
EI.EXPENDITURE_ID EXPENDITURE_ID, EI.EXPENDITURE_ITEM_ID EXPENDITURE_ITEM_ID,
EI.EXPENDITURE_ITEM_DATE EXPENDITURE_ITEM_DATE, EI.EXPENDITURE_TYPE EXPENDITURE_TYPE,
CDL.LINE_NUM COST_DISTRIBUTION_LINE_NUM, CDL.PA_DATE PA_DATE, PRD.PERIOD_NAME PERIOD_NAME,
CDL.TRANSFER_STATUS_CODE TRANSFER_STATUS_CODE, CDL.TRANSFER_REJECTION_REASON
TRANSFER_REJECTION_REASON, CDL.QUANTITY QUANTITY, CDL.ACCT_RAW_COST AMOUNT, CDL.DENOM_RAW_COST
DENOM_AMOUNT, CDL.AMOUNT PROJECT_AMOUNT, CDL.DENOM_CURRENCY_CODE DENOM_CURRENCY_CODE, NULL
VENDOR_ID, NULL INVOICE_ID, NULL INVOICE_DISTRIBUTION_LINE_NUM,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('COST_EXCP', CDL.TRANSFER_STATUS_CODE,
TRANSFER_REJECTION_REASON, 'R') EXCEPTION_REASON,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('COST_EXCP', CDL.TRANSFER_STATUS_CODE,
TRANSFER_REJECTION_REASON, 'A') CORRECTIVE_ACTION, 'G' CDL_EXCEPTION_TYPE FROM
PA_EXPENDITURE_ITEMS EI, PA_COST_DISTRIBUTION_LINES CDL, PA_IMPLEMENTATIONS IMP,
GL_JE_CATEGORIES C, GL_JE_SOURCES S, GL_INTERFACE INT, PA_PERIODS PRD WHERE
EI.EXPENDITURE_ITEM_ID = CDL.EXPENDITURE_ITEM_ID AND INT.USER_JE_CATEGORY_NAME =
C.USER_JE_CATEGORY_NAME AND C.JE_CATEGORY_NAME IN ('Labor Cost','Usage Cost','Total Burdened
Cost') AND INT.USER_JE_SOURCE_NAME = S.USER_JE_SOURCE_NAME AND S.JE_SOURCE_NAME = 'Project
Accounting' AND INT.SET_OF_BOOKS_ID = IMP.SET_OF_BOOKS_ID AND INT.REFERENCE21 = CDL.BATCH_NAME
AND INT.CODE_COMBINATION_ID = CDL.DR_CODE_COMBINATION_ID AND CDL.PA_DATE BETWEEN PRD.START_DATE
AND PRD.END_DATE UNION SELECT EI.TASK_ID TASK_ID, EI.EXPENDITURE_ID EXPENDITURE_ID,
EI.EXPENDITURE_ITEM_ID EXPENDITURE_ITEM_ID, EI.EXPENDITURE_ITEM_DATE EXPENDITURE_ITEM_DATE,
EI.EXPENDITURE_
TYPE EXPENDITURE_TYPE, CDL.LINE_NUM COST_DISTRIBUTION_LINE_NUM, CDL.PA_DATE PA_DATE,
PRD.PERIOD_NAME PERIOD_NAME, CDL.TRANSFER_STATUS_CODE TRANSFER_STATUS_CODE,
CDL.TRANSFER_REJECTION_REASON TRANSFER_REJECTION_REASON, CDL.QUANTITY QUANTITY,
CDL.ACCT_RAW_COST AMOUNT, CDL.DENOM_RAW_COST DENOM_AMOUNT, CDL.AMOUNT PROJECT_AMOUNT,
CDL.DENOM_CURRENCY_CODE DENOM_CURRENCY_CODE, NULL VENDOR_ID, NULL INVOICE_ID, NULL
INVOICE_DISTRIBUTION_LINE_NUM, PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('COST_EXCP',
CDL.TRANSFER_STATUS_CODE, TRANSFER_REJECTION_REASON, 'R') EXCEPTION_REASON,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('COST_EXCP', CDL.TRANSFER_STATUS_CODE,
TRANSFER_REJECTION_REASON, 'A') CORRECTIVE_ACTION, 'I' CDL_EXCEPTION_TYPE FROM
PA_COST_DISTRIBUTION_LINES CDL, PA_EXPENDITURE_ITEMS EI, PA_IMPLEMENTATIONS IMP, PA_PERIODS PRD
```

```

WHERE CDL.TRANSFER_STATUS_CODE IN ('P','R','X','T') AND EI.EXPENDITURE_ITEM_ID =
CDL.EXPENDITURE_ITEM_ID AND ((EI.SYSTEM_LINKAGE_FUNCTION IN ('ST', 'OT', 'BTC') AND
IMP.INTERFACE_LABOR_TO_GL_FLAG = 'Y') OR (EI.SYSTEM_LINKAGE_FUNCTION = 'USG' AND
IMP.INTERFACE_USAGE_TO_GL_FLAG = 'Y')) AND CDL.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE
UNION SELECT EI.TASK_ID TASK_ID, EI.EXPENDITURE_ID EXPENDITURE_ID, EI.EXPENDITURE_ITEM_ID
EXPENDITURE_ITEM_ID, EI.EXPENDITURE_ITEM_DATE EXPENDITURE_ITEM_DATE, EI.EXPENDITURE_TYPE
EXPENDITURE_TYPE, CDL.LINE_NUM COST_DISTRIBUTION_LINE_NUM, CDL.PA_DATE PA_DATE, PRD.PERIOD_NAME
PERIOD_NAME, CDL.TRANSFER_STATUS_CODE TRANSFER_STATUS_CODE, CDL.TRANSFER_REJECTION_REASON
TRANSFER_REJECTION_REASON, CDL.QUANTITY QUANTITY, CDL.ACCT_RAW_COST AMOUNT, CDL.DENOM_RAW_COST
DENOM_AMOUNT, CDL.AMOUNT PROJECT_AMOUNT, CDL.DENOM_CURRENCY_CODE DENOM_CURRENCY_CODE, NULL
VENDOR_ID, NULL INVOICE_ID, NULL INVOICE_DISTRIBUTION_LINE_NUM,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('COST_EXCP',decode(BURDEN_SUM_REJECTION_CODE, null,
'BURDEN_NEW_UNPROC', BURDEN_SUM_REJECTION_CODE), null, '
R') EXCEPTION_REASON,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('COST_EXCP',decode(BURDEN_SUM_REJECTION_CODE, null,
'BURDEN_NEW_UNPROC', BURDEN_SUM_REJECTION_CODE), null, 'A') CORRECTIVE_ACTION, 'B'
CDL_EXCEPTION_TYPE FROM PA_COST_DISTRIBUTION_LINES CDL, PA_EXPENDITURE_ITEMS EI, PA_PERIODS PRD
WHERE CDL.BURDEN_SUM_SOURCE_RUN_ID = -999 AND EI.EXPENDITURE_ITEM_ID = CDL.EXPENDITURE_ITEM_ID
AND CDL.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE

```

#### Column Descriptions

Name	Null?	Type	Description
TASK_ID	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ID	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
CDL_LINE_NUM	NULL	NUMBER(15)	Refer to base table.
PA_DATE	NULL	DATE	Refer to base table.
PERIOD_NAME	NULL	VARCHAR2(20)	Refer to base table.
TRANSFER_STATUS_CODE	NULL	VARCHAR2(1)	Refer to base table.
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	Refer to base table.
QUANTITY	NULL	NUMBER(22,5)	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.
DENOM_AMOUNT	NULL	NUMBER	Refer to base table.
PROJECT_AMOUNT	NULL	NUMBER(22,5)	Refer to base table.
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
VENDOR_ID	NULL	VARCHAR2(30)	Refer to base table.
INVOICE_ID	NULL	VARCHAR2(30)	Refer to base table.
INVOICE_DISTRIBUTION_LINE_NUM	NULL	VARCHAR2(30)	Refer to base table.
EXCEPTION_REASON	NULL	VARCHAR2(4000)	Refer to base table.
CORRECTIVE_ACTION	NULL	VARCHAR2(4000)	Refer to base table.
CDL_EXCEPTION_TYPE	NULL	VARCHAR2(1)	Refer to base table.



## PA\_COST\_PLUS\_STRUCTURES

PA\_COST\_PLUS\_STRUCTURES stores relationships between cost bases, expenditure types, and burden cost codes. The cost plus structure determines which method (additive or precedence) is used to calculate burden amounts.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COST_PLUS_STRUCTURE_TYPE	COST PLUS STRUCTURE TYPE	PA_LOOKUPS
	A	Additive
	P	Precedence

### Column Descriptions

Name	Null?	Type	Description
COST_PLUS_STRUCTURE (PK)	NOT NULL	VARCHAR2(30)	The implementation-defined name that uniquely identifies the burden structure
DESCRIPTION	NULL	VARCHAR2(250)	The description of the burden structure
COST_PLUS_STRUCTURE_TYPE	NOT NULL	VARCHAR2(1)	The type of the burden structure
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the burden structure
END_DATE_ACTIVE	NULL	DATE	Last effective date of the burden structure
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
ALLOWED_FOR_OVERRIDE_SCH_FLAG	NOT NULL	VARCHAR2(1)	Flags that indicates if the burden structure can be used for schedule overrides
DEFAULT_FOR_OVERRIDE_SCH_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the burden structure is the default structure used for schedule overrides

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_COST_PLUS_STRUCTURES_U1	UNIQUE	1	COST_PLUS_STRUCTURE

## PA\_CREDIT\_RECEIVERS

PA\_CREDIT\_RECEIVERS stores information about employees who receive credit for project revenue. The sum of the percentages for all credit receivers for each credit type for a project must total 100%. Credit receivers can be defined only at the project level.

Credit receivers are used for reporting purposes only.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID
RA_SALESREPS_ALL	SALESREP_ID	SALESREP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CREDIT_TYPE_CODE	CREDIT TYPE QUOTA CREDIT	PA_LOOKUPS Quota Credit

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID (PK)	NOT NULL	NUMBER(9)	The identifier of the employee who receives credit
CREDIT_TYPE_CODE (PK)	NOT NULL	VARCHAR2(30)	The type of credit that the employee receives
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the person receives credit
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 (PK)	NOT NULL	DATE	First effective date of the credit receiver
CREDIT_PERCENTAGE	NOT NULL	NUMBER(7,4)	The percentage of credit for the credit type that the credit receiver earns
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task for which the employee receives credit. (No longer used. Only project level credit supported as of Version 3.1.)
END_DATE_ACTIVE	NULL	DATE	Last effective date of the credit receiver
TRANSFER_TO_AR_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether to transfer the sales credit to Oracle Receivables when transferring an invoice to Oracle Receivables.
SALESREP_ID	NULL	NUMBER(15)	Identifier of salesrep to which to transfer credit. Employee must be defined as salesrep in Oracle Receivables.
BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	obsolete column in 10.7

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Indexes

Index Name	Index Type	Sequence	Column Name
PA_CREDIT_RECEIVERS_U1	UNIQUE	1	PROJECT_ID
		2	TASK_ID
		3	PERSON_ID
		4	CREDIT_TYPE_CODE
		5	START_DATE_ACTIVE

# PA\_CURRENCY\_UOM\_V

View used to configure currency unit of measure.

View Definition

```
CREATE VIEW PA_CURRENCY_UOM_V
as SELECT
    MEANING , LOOKUP_CODE , DECODE(UPPER(MEANING),'DOLLARS','Y','N') CURRENCY_UOM_FLAG FROM
PA_LOOKUPS
Where LOOKUP_TYPE = 'UNIT'
```

Column Descriptions

Name	Null?	Type	Description
UOM_MEANING	NOT NULL	VARCHAR2(80)	Refer to base table.
UOM_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
CURRENCY_UOM_FLAG	NULL	VARCHAR2(1)	Refer to base table.

# PA\_CUSTOMERS\_LOV\_V

PA\_CUSTOMERS\_LOV\_V displays all the valid customers for a given project.

View Definition

```
CREATE VIEW PA_CUSTOMERS_LOV_V
as SELECT
    CUSTOMER_ID
    , CUSTOMER_NAME
    , CUSTOMER_NUMBER
FROM PA_CUSTOMERS_V
WHERE STATUS = 'A'
```

Column Descriptions

Name	Null?	Type	Description
CODE	NOT NULL	NUMBER(15)	Customer Identifier
DESCRIPTION	NOT NULL	VARCHAR2(50)	Customer Name
CUSTOMER_NUMBER	NOT NULL	VARCHAR2(30)	Customer Number

## PA\_CUST\_EVENT\_RDL\_ALL

PA\_CUST\_EVENT\_RDL\_ALL stores information about the revenue distribution of revenue events. When Generate Draft Revenue processes revenue events, it creates corresponding revenue distribution lines to hold the revenue amounts and the general ledger account information to which these revenue amounts will post. Revenue distribution line amounts are implicitly credit amounts.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_VAT_TAX_ALL_B	VAT_TAX_ID	OUTPUT_VAT_TAX_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_JE_LINES	REFERENCE_1	BATCH_NAME
	CODE_COMBINATION_ID	CODE_COMBINATION_ID
PA_CUST_EVENT_RDL_ALL	TASK_ID	TASK_ID
	EVENT_NUM	EVENT_NUM
	LINE_NUM	LINE_NUM_REVERSED
	PROJECT_ID	PROJECT_ID
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
	LINE_NUM	DRAFT_INVOICE_ITEM_LINE_NUM
PA_DRAFT_REVENUE_ITEMS	PROJECT_ID	PROJECT_ID
	DRAFT_REVENUE_NUM	DRAFT_REVENUE_NUM
	LINE_NUM	DRAFT_REVENUE_ITEM_LINE_NUM
PA_EVENTS	TASK_ID	TASK_ID
	EVENT_NUM	EVENT_NUM
	PROJECT_ID	PROJECT_ID
RA_TAX_EXEMPTIONS_ALL	CUSTOMER_EXEMPTION_NUMBER	OUTPUT_TAX_EXEMPT_NUMBER

### Column Descriptions

Name	Null?	Type	Description
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task that the event is assigned to
EVENT_NUM (PK)	NOT NULL	NUMBER(15)	The event number of the event that is revenue distributed by the distribution line
LINE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the revenue distribution line for an event
AMOUNT	NOT NULL	NUMBER(22,5)	The revenue amount to be charged to the GL account for the event on a draft revenue. The amount is stored as a credit
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the revenue distribution line is generated. This project is the project for which the event is entered
DRAFT_REVENUE_NUM	NOT NULL	NUMBER(15)	The draft revenue number for which the revenue distribution line is generated
DRAFT_REVENUE_ITEM_LINE_NUM	NOT NULL	NUMBER(15)	The draft revenue item line number under which the revenue distribution line is generated

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Column Descriptions (Continued)

Name	Null?	Type	Description
CODE_COMBINATION_ID	NULL	NUMBER(15)	The identifier of the gl account to which the revenue is charged
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
DRAFT_INVOICE_NUM	NULL	NUMBER(15)	The draft invoice number on which the event distribution line is invoiced
DRAFT_INVOICE_ITEM_LINE_NUM	NULL	NUMBER(15)	The draft invoice item line number on which the event distribution line is invoiced
BATCH_NAME	NULL	VARCHAR2(30)	The reference to the GL je line in which the revenue was included when posted to GL. This value is a concatenation of the ccid, draft revenue gl date, and transfer request id separated by hyphens. Joins to GL_JE_LINES.REFERENCE_1
LINE_NUM_REVERSED	NULL	NUMBER(15)	The distribution line number for the event that is reversed by this distribution line
REVERSED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the distribution line is reversed by another distribution line
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
OUTPUT_VAT_TAX_ID	NULL	NUMBER	Identifier for default output tax code
OUTPUT_TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	Standard, Exempt, or required Allows the user to use Standard Exemption rules, force an exemption or require tax to a normally exempt invoice This is defaulted based on user setup
OUTPUT_TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	Tax Exempt Reason for item lines that have tax_exempt_flag set to (E-exempt)
OUTPUT_TAX_EXEMPT_NUMBER	NULL	VARCHAR2(80)	Exemption Certificate Number for item lines that have tax_exempt_flag set to (E-exempt)
PRC_GENERATED_FLAG	NULL	VARCHAR2(1)	For future use

Indexes

Index Name	Index Type	Sequence	Column Name
PA_CUST_EVENT_REV_DIST_LINE_N1	NOT UNIQUE	1	PROJECT_ID
		2	DRAFT_REVENUE_NUM
		3	DRAFT_REVENUE_ITEM_LINE_NUM
PA_CUST_EVENT_REV_DIST_LINE_N2	NOT UNIQUE	1	PROJECT_ID
		2	DRAFT_INVOICE_NUM
		3	DRAFT_INVOICE_ITEM_LINE_NUM
PA_CUST_EVENT_REV_DIST_LINE_N3	NOT UNIQUE	1	BATCH_NAME
		2	CODE_COMBINATION_ID
PA_CUST_EVENT_REV_DIST_LINE_U1	UNIQUE	1	PROJECT_ID
		2	EVENT_NUM
		3	TASK_ID
		4	LINE_NUM

## *Database Triggers*

Trigger Name : PA\_MRC\_CUST\_ERD\_ALL\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update or delete statement on the table PA\_CUST\_EVENT\_RDL\_ALL. For each record being inserted/updated/deleted in PA\_CUST\_EVENT\_RDL\_ALL, this trigger inserts/ updates/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_CUST\_EVENT\_RDL\_ALL.



## PA\_CUST\_REV\_DIST\_LINES\_ALL

PA\_CUST\_REV\_DIST\_LINES\_ALL stores information about the revenue distribution of expenditure items. When Generate Draft Revenue processes an expenditure item, it creates one or more corresponding revenue distribution lines to hold the revenue amounts and the general ledger information to which these revenue amounts will post. Revenue distribution line amounts are implicitly credit amounts.

An expenditure item may have many revenue distribution lines if: 1) you account for borrowed and lent revenue for labor or usage items. The borrowed and lent revenue distribution lines are identified with the function code of LRL and LRB for labor items and URL and URB for usage items. 2) adjusting revenue distribution lines are created when you recalculate the revenue for an expenditure item. Adjusting lines are identified with a value in the LINE\_NUM\_REVERSED column 3) multiple agreements fund the project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_VAT_TAX_ALL_B	VAT_TAX_ID	OUTPUT_VAT_TAX_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_JE_LINES	REFERENCE_1	BATCH_NAME
	CODE_COMBINATION_ID	CODE_COMBINATION_ID
PA_CUST_REV_DIST_LINES_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
	LINE_NUM	LINE_NUM_REVERSED
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
	LINE_NUM	DRAFT_INVOICE_ITEM_LINE_NUM
PA_DRAFT_REVENUE_ITEMS	PROJECT_ID	PROJECT_ID
	DRAFT_REVENUE_NUM	DRAFT_REVENUE_NUM
	LINE_NUM	DRAFT_REVENUE_ITEM_LINE_NUM
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
PA_FUNCTION_TRANSACTIONS_ALL	FUNCTION_CODE	FUNCTION_CODE
	FUNCTION_TRANSACTION_CODE	FUNCTION_TRANSACTION_CODE
	APPLICATION_ID	PROGRAM_APPLICATION_ID
	ORG_ID	ORG_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	REV_IND_COMPILED_SET_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	INV_IND_COMPILED_SET_ID
RA_TAX_EXEMPTIONS_ALL	CUSTOMER_EXEMPTION_NUMBER	OUTPUT_TAX_EXEMPT_NUMBER

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the expenditure item that is revenue distributed by the distribution line

Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the revenue distribution line for the expenditure item
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the revenue distribution line is generated. This project is the project to which the expenditure item was charged
DRAFT_REVENUE_NUM	NOT NULL	NUMBER(15)	The draft revenue number for which the revenue distribution line is generated
DRAFT_REVENUE_ITEM_LINE_NUM	NOT NULL	NUMBER(15)	The draft revenue item line number under which the revenue distribution line is generated
AMOUNT	NOT NULL	NUMBER(22,5)	The revenue amount of the expenditure item to be charged to the GL account. The amount is stored as a debit, so the lent transaction amounts and adjustment amounts are negative
CODE_COMBINATION_ID	NULL	NUMBER(15)	The identifier of the gl account to which the revenue is charged
BILL_AMOUNT	NULL	NUMBER(22,5)	The amount to be billed for the distribution line. The bill amount is different from the revenue amount only if the project distribution rule is COST/WORK or if a hard limit is encountered
FUNCTION_CODE	NULL	VARCHAR2(15)	The AutoAccounting function under which the distribution line was revenue distributed. This value is used to distinguish borrowed and lent transaction lines from revenue transaction lines
FUNCTION_TRANSACTION_CODE	NULL	VARCHAR2(30)	The AutoAccounting function transaction under which the distribution line was revenue distributed
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
BATCH_NAME	NULL	VARCHAR2(30)	The reference to the GL je line in which the revenue was included when posted to GL. This value is a concatenation of ccid, draft revenue gl date, and transfer request id separated by hyphens. Joins to GL_JE_LINES.REFERENCE1
ADDITIONAL_REVENUE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the distribution line is adding additional revenue for an item so that the item will accrue its full potential revenue. This distribution line is used to increment revenue and will never be billed.

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Column Descriptions (Continued)

Name	Null?	Type	Description
INVOICE_ELIGIBLE_FLAG	NULL	VARCHAR2(1)	Flag to mark whether the distribution line is eligible to be included on an invoice because it can be funded with available funding. The Generate Draft Invoices program temporarily sets the flag while processing a project's invoice
DRAFT_INVOICE_NUM	NULL	NUMBER(15)	The draft invoice number on which the distribution line is invoiced
DRAFT_INVOICE_ITEM_LINE_NUM	NULL	NUMBER(15)	The draft invoice item line number on which the distribution line is invoiced
REVERSED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the distribution line is reversed by another distribution line
LINE_NUM_REVERSED	NULL	NUMBER(15)	The distribution line number for the expenditure item that is reversed by this distribution line
REV_IND_COMPILED_SET_ID	NULL	NUMBER(15)	The identifier of the compiled set which is used to calculate the burden cost for revenue
INV_IND_COMPILED_SET_ID	NULL	NUMBER(15)	The identifier of the compiled set which is used to calculate the burden cost for invoicing
RAW_COST	NULL	NUMBER(22,5)	raw_cost column will have the value of burden_cost for BURDEN TRANSACTIONS
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
OUTPUT_VAT_TAX_ID	NULL	NUMBER	Identifier for default output tax code
OUTPUT_TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	Standard, Exempt, or required Allows the user to use Standard Exemption rules, force an exemption or require tax to a normally exempt invoice This is defaulted based on user setup
OUTPUT_TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	Tax Exempt Reason for item lines that have tax_exempt_flag set to (E-exempt)
OUTPUT_TAX_EXEMPT_NUMBER	NULL	VARCHAR2(80)	Exemption Certificate Number for item lines that have tax_exempt_flag set to (E-exempt)
PRC_GENERATED_FLAG	NULL	VARCHAR2(1)	For future use

Indexes

Index Name	Index Type	Sequence	Column Name
PA_CUST_REV_DIST_LINES_N1	NOT UNIQUE	1	PROJECT_ID
		2	DRAFT_REVENUE_NUM
		3	DRAFT_REVENUE_ITEM_LINE_NUM
PA_CUST_REV_DIST_LINES_N2	NOT UNIQUE	1	PROJECT_ID
		2	DRAFT_INVOICE_NUM
		3	DRAFT_INVOICE_ITEM_LINE_NUM
PA_CUST_REV_DIST_LINES_N3	NOT UNIQUE	1	INVOICE_ELIGIBLE_FLAG
PA_CUST_REV_DIST_LINES_N4	NOT UNIQUE	1	BATCH_NAME
		2	CODE_COMBINATION_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_CUST_REV_DIST_LINES_N5	NOT UNIQUE	1	PROJECT_ID
		2	REQUEST_ID
PA_CUST_REV_DIST_LINES_N6	NOT UNIQUE	1	REV_IND_COMPILED_SET_ID
PA_CUST_REV_DIST_LINES_N7	NOT UNIQUE	1	INV_IND_COMPILED_SET_ID
PA_CUST_REV_DIST_LINES_U1	UNIQUE	1	EXPENDITURE_ITEM_ID
		2	LINE_NUM

Database Triggers

Trigger Name : PA\_MRC\_CUST\_RDL\_ALL\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update or delete statement on the table PA\_CUST\_REV\_DIST\_LINES\_ALL. For each record being inserted/updated/deleted in PA\_CUST\_REV\_DIST\_LINES\_ALL, this trigger inserts/ updates/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_CUST\_RDL\_ALL.

# PA\_DISTRIBUTION\_RULES

PA\_DISTRIBUTION\_RULES stores system-defined pairings of revenue accrual and billing methods for a project. Oracle Projects supports many distribution rules, including the following combinations: WORK/WORK, WORK/EVENT, COST/COST, COST/EVENT, COST/WORK, and EVENT/EVENT.

Column Descriptions

Name	Null?	Type	Description
DISTRIBUTION_RULE (PK)	NOT NULL	VARCHAR2(20)	Name that uniquely identifies the distribution rule
MEANING	NOT NULL	VARCHAR2(80)	Short, user-friendly name that describes the distribution rule
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 the distribution rule
END_DATE_ACTIVE	NULL	DATE	Last effective date of distribution rule
DESCRIPTION	NULL	VARCHAR2(250)	Explanation of the distribution rule

Indexes

Index Name	Index Type	Sequence	Column Name
PA_DISTRIBUTION_RULES_U1	UNIQUE	1	DISTRIBUTION_RULE
PA_DISTRIBUTION_RULES_U2	UNIQUE	1	MEANING

# PA\_DISTRIBUTION\_RULES\_LOV\_V

PA\_DISTRIBUTION\_RULES\_LOV\_V displays all the relevant distribution rules for a template.

View Definition

```
CREATE VIEW PA_DISTRIBUTION_RULES_LOV_V
as SELECT
    PTD.DISTRIBUTION_RULE
    , DR.MEANING
    , PTD.PROJECT_TYPE
    , PAP.PROJECT_ID
FROM PA_PROJECT_TYPE_DISTRIBUTIONS PTD,PA_DISTRIBUTION_RULES DR,
    PA_PROJECTS PAP
WHERE PTD.DISTRIBUTION_RULE = DR.DISTRIBUTION_RULE
AND    PTD.PROJECT_TYPE      = PAP.PROJECT_TYPE
AND    PAP.TEMPLATE_FLAG     = 'Y'
AND    TRUNC(SYSDATE) BETWEEN DR.START_DATE_ACTIVE AND
    NVL(DR.END_DATE_ACTIVE,TRUNC(SYSDATE))
```

Column Descriptions

Name	Null?	Type	Description
CODE	NOT NULL	VARCHAR2(20)	Identifies the distribution rule.
DESCRIPTION	NOT NULL	VARCHAR2(80)	Name that describes the distribution rule.
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	Identifies the project type.
PA_SOURCE_TEMPLATE_ID	NOT NULL	NUMBER(15)	Identifier of the project.

## PA\_DISTRIBUTION\_WARNINGS

PA\_DISTRIBUTION\_WARNINGS stores warning messages that identify any exceptional conditions encountered during the generation of a draft revenue or a draft invoice.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_DRAFT_INVOICES_ALL	DRAFT_INVOICE_NUM PROJECT_ID	DRAFT_INVOICE_NUM PROJECT_ID
PA_DRAFT_REVENUES_ALL	PROJECT_ID DRAFT_REVENUE_NUM	PROJECT_ID DRAFT_REVENUE_NUM

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the warning is created
DRAFT_REVENUE_NUM	NULL	NUMBER(15)	The draft revenue number of the project for which the warning is created
DRAFT_INVOICE_NUM	NULL	NUMBER(15)	The draft invoice number of the project for which the warning is created
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	NULL	NUMBER(15)	Standard Who Column
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
WARNING_MESSAGE	NULL	VARCHAR2(250)	The text of the distribution warning message

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_DISTRIBUTION_WARNINGS_N1	NOT UNIQUE	1	PROJECT_ID
		2	DRAFT_INVOICE_NUM
PA_DISTRIBUTION_WARNINGS_N2	NOT UNIQUE	1	PROJECT_ID
		2	DRAFT_REVENUE_NUM

## PA\_DRAFT\_INVOICES\_ALL

PA\_DRAFT\_INVOICES\_ALL stores the draft invoices generated for a project.

The transfer status of a draft invoice is maintained as follows:

Generate Invoice – Create invoice; set to Pending (P)

Transfer Invoice – If successfully transferred to AR, set to Transferred (T); Else rejected in transfer to AR, set to Rejected in Transfer (X)

Tieback Invoice – If successfully tied back from AR, set to Accepted (A). Else rejected by AR, set to Rejected (R) to be re–transferred

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	INV_CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RECEIVABLE_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ROUNDING_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	UNBILLED_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	UNEARNED_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	WOFF_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	INV_RATE_TYPE
PA_AGREEMENTS_ALL	AGREEMENT_ID	AGREEMENT_ID
PA_DRAFT_INVOICES_ALL	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM_CREDITED
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PER_ALL_PEOPLE_F	PERSON_ID	APPROVED_BY_PERSON_ID
PER_ALL_PEOPLE_F	PERSON_ID	RELEASED_BY_PERSON_ID
RA_ADDRESSES_ALL	ADDRESS_ID	BILL_TO_ADDRESS_ID
RA_ADDRESSES_ALL	ADDRESS_ID	SHIP_TO_ADDRESS_ID
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	SYSTEM_REFERENCE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
IB_AP_TRANSFER_ERROR_CODE	CC_AP_TRANSFER_ERROR_CODE NO_TAX_CODE	PA_LOOKUPS No matching tax code
TRANSFER_STATUS_CODE	TRANSFER STATUS A P R T V X	PA_LOOKUPS Accepted Pending Rejected Transferred Received Rejected in Transfer

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the invoice is generated
DRAFT_INVOICE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the draft invoice within a project

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(1)	The status of the invoice as it is transferred to Oracle Receivables
GENERATION_ERROR_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates that an error was encountered during the Generate Draft Invoices program that caused the draft invoice to not be successfully generated
AGREEMENT_ID	NOT NULL	NUMBER(15)	The identifier of the agreement that funds the invoice
PA_DATE	NULL	DATE	The end date of the PA period in which the invoice was generated. The PA period is the open or future PA period on or after the latest date of the expenditure item dates and the event completion dates included on the invoice.
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
CUSTOMER_BILL_SPLIT	NULL	NUMBER(7,4)	The percentage of the total project invoice amount that the customer is billed on the draft invoice
BILL_THROUGH_DATE	NULL	DATE	The date through which to invoice the project. Expenditure items with the expenditure item date on or before the bill through date and events with completion dates on or before the bill through date may be included on an invoice.
INVOICE_COMMENT	NULL	VARCHAR2(240)	Free text comments that can be printed on an invoice. The invoice comment is defaulted from the invoice comment defined for the project. This value can be overridden by a user for each draft invoice
APPROVED_DATE	NULL	DATE	The date on which the draft invoice is approved
APPROVED_BY_PERSON_ID	NULL	NUMBER(9)	The identifier of the employee that approved the invoice
RELEASED_DATE	NULL	DATE	The date that the draft invoice was released for transfer
RELEASED_BY_PERSON_ID	NULL	NUMBER(9)	The identifier of the employee that released the invoice
INVOICE_DATE	NULL	DATE	The invoice date passed to Oracle Receivables which is used to calculate the invoice due date. Upon release of the invoice, this date is defaulted from the released date. The user can override the invoice date at the time of release

Column Descriptions (Continued)

Name	Null?	Type	Description
RA_INVOICE_NUMBER	NULL	VARCHAR2(20)	The Oracle Receivables invoice number that is determined upon release of the draft invoice and passed to Oracle Receivables upon transfer. This number can be user-entered or system-generated as defined in the implementation options.
TRANSFERRED_DATE	NULL	DATE	The date that the draft invoice was transferred to the Oracle Receivables interface tables
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	The reason why the draft invoice was rejected by the Transfer Invoice program or rejected by Oracle Receivables AutoInvoice interface program
UNEARNED_REVENUE_CR	NULL	NUMBER(22,5)	The amount of unearned revenue credited by the draft invoice. This amount is determined by the Transfer Invoice program
UNBILLED_RECEIVABLE_DR	NULL	NUMBER(22,5)	The amount of unbilled receivables debited by the draft invoice. This amount is determined by the Transfer Invoice program
GL_DATE	NULL	DATE	The date within a GL accounting period to which the invoice transactions are posted. The GL date is set by the Transfer Invoice program and is the date of the first future or open GL period in Oracle Receivables of the invoice date.
SYSTEM_REFERENCE	NULL	NUMBER(15)	The reference to the invoice created in Oracle Receivables from the draft invoice. The column is populated by Tieback Invoice and holds the RA_CUSTOMER_TRX.CUSTOMER_TRX_ID
DRAFT_INVOICE_NUM_CREDITED	NULL	NUMBER(15)	The draft invoice number that is credited by this draft invoice. The crediting invoice may be a credit memo or a write-off
CANCELED_FLAG	NULL	VARCHAR2(1)	Flag that indicates that the draft invoice was credited by another draft invoice, a credit memo
CANCEL_CREDIT_MEMO_FLAG	NULL	VARCHAR2(1)	Flag that indicates that the draft invoice is a credit memo, crediting or canceling another draft invoice
WRITE_OFF_FLAG	NULL	VARCHAR2(1)	Flag that indicates that a draft invoice writes off another draft invoice
CONVERTED_FLAG	NULL	VARCHAR2(1)	Flag indicating if the invoice is converted. 'Y' denotes a converted invoice with no detail in AR as PA expects. A value of 'N' or null denotes a non-converted invoice. A converted invoice cannot be cancelled or written off.

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXTRACTED_DATE	NULL	DATE	This column will be used to mark invoices that have been extracted into external systems. The column will get updated to prevent the same invoices from being extracted again. Currently not used.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	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
RETENTION_PERCENTAGE	NULL	NUMBER(15)	Retention percentage for the invoice
INVOICE_SET_ID	NULL	NUMBER(15)	Identifier of set of invoices created together in the same run which must be released at the same time
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
INV_CURRENCY_CODE	NULL	VARCHAR2(15)	Invoice currency code for the draft invoice that is transferred to Oracle Receivables.
INV_RATE_TYPE	NULL	VARCHAR2(30)	Invoice Currency exchange rate type for the draft invoice that is transferred to Oracle Receivables
INV_RATE_DATE	NULL	DATE	Invoice Currency exchange rate date for the draft invoice that is transferred to Oracle Receivables.
INV_EXCHANGE_RATE	NULL	NUMBER	Invoice Currency exchange rate for the draft invoice that is transferred to Oracle Receivables.
BILL_TO_ADDRESS_ID	NOT NULL	NUMBER	Bill to Site identifier of the customer address
SHIP_TO_ADDRESS_ID	NOT NULL	NUMBER	Ship to Site identifier of the customer address
PRC_GENERATED_FLAG	NULL	VARCHAR2(1)	For future use
RECEIVABLE_CODE_COMBINATION_ID	NULL	NUMBER	The identifier of the GL account to which the receivables amount is charged This column is populated by the Transfer Invoices to Receivables process
ROUNDING_CODE_COMBINATION_ID	NULL	NUMBER	The identifier of the GL account to which the rounding amount is charged This column is populated by the Transfer Invoices to Receivables process

# Column Descriptions (Continued)

Name	Null?	Type	Description
UNBILLED_CODE_COMBINATION_ID	NULL	NUMBER	The identifier of the GL account to which the unbilled receivable amount is charged This column is populated by the Transfer Invoices to Receivables process
UNEARNED_CODE_COMBINATION_ID	NULL	NUMBER	The identifier of the GL account to which the unearned revenue amount is charged This column is populated in Transfer Invoice to Receivable program from Release 115
WOFF_CODE_COMBINATION_ID	NULL	NUMBER	The identifier of the GL account to which the write-off amount is charged This column is populated by the Transfer Invoices to Receivables process
ACCTD_CURR_CODE	NULL	VARCHAR2(15)	The currency code associated with the set of books attached to the responsibility used to log into the application
ACCTD_RATE_TYPE	NULL	VARCHAR2(30)	Accounted currency rate type for the draft invoices generated for this project customer.
ACCTD_RATE_DATE	NULL	DATE	Accounted currency rate date for the draft invoices generated for this project customer.
ACCTD_EXCHG_RATE	NULL	NUMBER	Accounted currency exchange rate for the draft invoices generated for this project customer.
LANGUAGE	NULL	VARCHAR2(30)	The customer language corresponding to the bill to address
CC_INVOICE_GROUP_CODE	NULL	VARCHAR2(1)	Indicates whether the intercompany invoice is generated using invoice grouping by project
CC_PROJECT_ID	NULL	NUMBER	Identifier of cross charged project for intercompany invoices generated using the invoice grouping by project
IB_AP_TRANSFER_STATUS_CODE	NULL	VARCHAR2(1)	Transfer Status code of the intercompany invoice for interface to Oracle Payables
IB_AP_TRANSFER_ERROR_CODE	NULL	VARCHAR2(80)	Code indicating error encountered while transferring invoice to Oracle Payables

## Indexes

Index Name	Index Type	Sequence	Column Name
PA_DRAFT_INVOICES_N1	NOT UNIQUE	1	AGREEMENT_ID
PA_DRAFT_INVOICES_N2	NOT UNIQUE	1	TRANSFER_STATUS_CODE
PA_DRAFT_INVOICES_N3	NOT UNIQUE	1	APPROVED_BY_PERSON_ID
PA_DRAFT_INVOICES_N4	NOT UNIQUE	1	RELEASED_BY_PERSON_ID
PA_DRAFT_INVOICES_N5	NOT UNIQUE	1	PROJECT_ID
		2	REQUEST_ID
PA_DRAFT_INVOICES_N6	NOT UNIQUE	1	REQUEST_ID
		2	GENERATION_ERROR_FLAG
PA_DRAFT_INVOICES_N7	NOT UNIQUE	1	RA_INVOICE_NUMBER

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#### Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_DRAFT_INVOICES_U1	UNIQUE	1	PROJECT_ID
		2	DRAFT_INVOICE_NUM

#### Sequences

Sequence	Derived Column
PA_DRAFT_INVOICES_S	INVOICE_SET_ID

#### Database Triggers

Trigger Name : PA\_MRC\_DRAFT\_INVS\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an update statement on the table PA\_DRAFT\_INVOICES\_ALL. For each record being updated in PA\_DRAFT\_INVOICES\_ALL, this trigger inserts/updates corresponding reporting currency records in the MRC subtable, PA\_MC\_DRAFT\_INV\_ITEMS.

## PA\_DRAFT\_INVOICE\_DETAILS\_ALL

PA\_DRAFT\_INVOICE\_DETAILS\_ALL stores information about the intercompany invoice details for cross charge transactions that are processed by intercompany billing.

When Generate Intercompany Invoices processes an expenditure item, it creates one or more invoice details that hold the transfer price amounts, the intercompany revenue account for the transaction and tax defaulting information.

An expenditure item may have many invoice details if adjusting invoice details are created when you reprocess cross charge for the expenditure item or cancel an invoice on which the invoice detail is invoiced. Adjusting invoice detail lines are identified by a value in the DETAIL\_ID\_REVERSED column.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_VAT_TAX_ALL_B	VAT_TAX_ID	OUTPUT_VAT_TAX_ID
FND_CURRENCIES	CURRENCY_CODE	DENOM_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	ACCT_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PROJACCT_CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	REV_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	ACCT_RATE_TYPE
PA_DRAFT_INVOICES_ALL	PROJECT_ID	PROJECT_ID
PA_DRAFT_INVOICES_ALL	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
PA_DRAFT_INVOICES_ALL	PROJECT_ID	PROJECT_ID
PA_DRAFT_INVOICE_ITEMS	DRAFT_INVOICE_NUM	ORIG_DRAFT_INVOICE_NUM
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID	PROJECT_ID
PA_DRAFT_INVOICE_ITEMS	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
PA_DRAFT_INVOICE_ITEMS	LINE_NUM	DRAFT_INVOICE_LINE_NUM
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID	PROJECT_ID
PA_DRAFT_INVOICE_ITEMS	DRAFT_INVOICE_NUM	ORIG_DRAFT_INVOICE_NUM
PA_DRAFT_INVOICE_ITEMS	LINE_NUM	ORIG_DRAFT_INVOICE_LINE_NUM
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECTS_ALL	PROJECT_ID	CC_PROJECT_ID
PA_TASKS	TASK_ID	CC_TAX_TASK_ID
RA_TAX_EXEMPTIONS_ALL	CUSTOMER_EXEMPTION_NUMBER	OUTPUT_TAX_EXEMPT_NUMBER

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
MARKUP_CALC_BASE_CODE	CC_MARKUP_CALC_BASE_CODE	PA_LOOKUPS
	B	Burdened Cost
	C	Raw Cost
	R	Potential Revenue

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# Column Descriptions

Name	Null?	Type	Description
DRAFT_INVOICE_DETAIL_ID (PK)	NOT NULL	NUMBER	The system generated number that uniquely identifies the invoice detail
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER	Identifier of the Expenditure Item to which the distribution belongs
LINE_NUM	NOT NULL	NUMBER	The sequential line number that identifies the invoice detail for an expenditure item
PROJECT_ID	NOT NULL	NUMBER	Identifier of the project which will be used to bill the transaction For cross charged transactions, this is the intercompany billing project
DENOM_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Transaction currency code of the transfer price
DENOM_BILL_AMOUNT	NOT NULL	NUMBER	Transaction amount of the transfer price
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Functional currency code of the provider operating unit
BILL_AMOUNT	NOT NULL	NUMBER	Functional currency amount of the transfer price
REQUEST_ID	NOT NULL	NUMBER	Identifier of the concurrent program that last processed the 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
LAST_UPDATE_LOGIN		NUMBER(15)	Standard Who Column
ACCT_RATE_TYPE		VARCHAR2(30)	Rate type used to convert the transfer price from the transaction currency to the functional currency. Defaulted from the implementation options currency conversion attributes for transfer price
ACCT_RATE_DATE		DATE	Rate date used to convert the transfer price from the transaction currency to the functional currency. Derived from the implementation options currency rate date code for transfer price conversion
ACCT_EXCHANGE_RATE		NUMBER	Exchange rate used to convert the transfer price from the transaction currency to the functional currency
CC_PROJECT_ID	NOT NULL	NUMBER	Identifier of the cross charged project for the transaction.
CC_TAX_TASK_ID	NOT NULL	NUMBER	Identifier of the task id used to capture non-recoverable tax on the cross charged project
ORG_ID		NUMBER	Identifier of the Operating Unit to which the detail line belongs
REV_CODE_COMBINATION_ID		NUMBER	Identifier of the GL account for intercompany revenue associated with the transaction
DRAFT_INVOICE_NUM		NUMBER	Invoice number of the draft invoice in which the invoice detail is billed

Column Descriptions (Continued)

Name	Null?	Type	Description
DRAFT_INVOICE_LINE_NUM	NULL	NUMBER	Line number in the draft invoice in which the invoice detail is billed
OUTPUT_VAT_TAX_ID	NULL	NUMBER	Identifier for default output tax code
OUTPUT_TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	Standard, Exempt, or required Allows the user to use Standard Exemption rules, force an exemption or require tax to a normally exempt invoice This is defaulted based on user setup
OUTPUT_TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	Tax Exempt Reason for lines that have tax_exempt_flag set to (E-exempt)
OUTPUT_TAX_EXEMPT_NUMBER	NULL	VARCHAR2(80)	Exemption Certificate Number for lines that have tax_exempt_flag set to (E-exempt)
LINE_NUM_REVERSED	NULL	NUMBER	The invoice detail line number for the same expenditure item that is reversed by this invoice detail line
DETAIL_ID_REVERSED	NULL	NUMBER	Identifier of the detail line that the line reverses.
REVERSED_FLAG	NULL	VARCHAR2(1)	Indicates whether the line has been reversed
PROJACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Functional currency code of the receiver operating unit. Populated but not currently used
PROJACCT_COST_AMOUNT	NULL	NUMBER	Cost amount at the time of creating the invoice detail in the project currency. This column is for future use
PROJACCT_BILL_AMOUNT	NULL	NUMBER	Transfer price amount in the project functional currency. This currency amount does not have other currency attributes since it is determined by proration. This column is for future use
MARKUP_CALC_BASE_CODE	NULL	VARCHAR2(1)	Audit column. Transaction amount on which the cross charge rate will be based.
IND_COMPILED_SET_ID	NULL	NUMBER	Audit column. Identifier of the burden compiled set if a burden schedule is used in determining the transfer price
RULE_PERCENTAGE	NULL	NUMBER	Audit column. Percentage applied to the calculated transfer price from the rule definition
BILL_RATE	NULL	NUMBER	Audit column. Bill rate used in deriving the transfer price if the transfer price was based on a rate defined in a bill rate schedule
BILL_MARKUP_PERCENTAGE	NULL	NUMBER	Audit column. Percentage used in deriving the transfer price if the transfer price was based on a markup in bill rate schedule

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Column Descriptions (Continued)

Name	Null?	Type	Description
BASE_AMOUNT	NULL	NUMBER	Audit column. Base amount used to derive the bill amount held in transaction currency
SCHEDULE_LINE_PERCENTAGE	NULL	NUMBER	Audit column. Percentage applied to the calculated transfer price from the schedule line
INVOICED_FLAG	NULL	VARCHAR2(1)	Indicates whether the detail line has been invoiced(included on an invoice). Default value is 'N'.
ORIG_DRAFT_INVOICE_NUM	NULL	NUMBER	Draft Invoice Number on which the reversed line is invoiced. The column is populated for reversing lines only.
ORIG_DRAFT_INVOICE_LINE_NUM	NULL	NUMBER	Draft Invoice Number on which the reversed line is invoiced. The column is populated for reversing lines only.
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_DRAFT_INVOICE_DETAILS_N1	NOT UNIQUE	2	REQUEST_ID
		4	PROJECT_ID
		6	INVOICED_FLAG
PA_DRAFT_INVOICE_DETAILS_N2	NOT UNIQUE	1	PROJECT_ID
		2	DRAFT_INVOICE_NUM
		3	DRAFT_INVOICE_LINE_NUM
PA_DRAFT_INVOICE_DETAILS_N3	NOT UNIQUE	2	PROJECT_ID
		4	ORIG_DRAFT_INVOICE_NUM
		6	ORIG_DRAFT_INVOICE_LINE_NUM
PA_DRAFT_INVOICE_DETAILS_U1	UNIQUE	1	DRAFT_INVOICE_DETAIL_ID
PA_DRAFT_INVOICE_DETAILS_U2	UNIQUE	1	EXPENDITURE_ITEM_ID
		2	LINE_NUM

## PA\_DRAFT\_INVOICE\_ITEMS

PA\_DRAFT\_INVOICE\_ITEMS stores the lines of a draft invoice. The Generate Draft Invoice process creates an invoice line for each billing event and for each grouping of expenditure items. Groupings of expenditure items are determined by a project's invoice formats.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_VAT_TAX_ALL_B	VAT_TAX_ID	OUTPUT_VAT_TAX_ID
AR_VAT_TAX_ALL_B	VAT_TAX_ID	OUTPUT_VAT_TAX_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CC_REV_CODE_COMBINATION_ID
PA_DRAFT_INVOICES_ALL	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
	LINE_NUM	DRAFT_INV_LINE_NUM_CREDITED
PA_EVENTS	TASK_ID	TASK_ID
	EVENT_NUM	EVENT_NUM
	PROJECT_ID	PROJECT_ID
PA_PROJECTS_ALL	PROJECT_ID	CC_PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PA_TASKS	TASK_ID	CC_TAX_TASK_ID
RA_ADDRESSES_ALL	ADDRESS_ID	SHIP_TO_ADDRESS_ID
RA_TAX_EXEMPTIONS_ALL	CUSTOMER_EXEMPTION_NUMBER	OUTPUT_TAX_EXEMPT_NUMBER

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INVOICE_LINE_TYPE	INVOICE LINE TYPE	PA_LOOKUPS
	INVOICE REDUCTION	INVOICE REDUCTION
	NET ZERO ADJUSTMENT	NET ZERO ADJUSTMENT
	RETENTION	RETENTION
	STANDARD	STANDARD

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the invoice is generated
DRAFT_INVOICE_NUM (PK)	NOT NULL	NUMBER(15)	The draft invoice number to which the invoice line belongs
LINE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies and orders the draft invoice item for a draft invoice
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
AMOUNT	NOT NULL	NUMBER(22,5)	The amount to be billed for the draft invoice item

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Column Descriptions (Continued)

Name	Null?	Type	Description
TEXT	NOT NULL	VARCHAR2(240)	The invoice line description. For a line billing an event, this description is the event description. For a line billing expenditure items, this description is formatted according to the project invoice formats
INVOICE_LINE_TYPE	NOT NULL	VARCHAR2(30)	The type of draft invoice line
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
UNEARNED_REVENUE_CR	NULL	NUMBER(22,5)	No longer used
UNBILLED_RECEIVABLE_DR	NULL	NUMBER(22,5)	No longer used
TASK_ID	NULL	NUMBER(15)	The identifier of the top task. This column is populated if: the project is funded at top task level, or for expenditure item lines, the invoice format groups by Top Task, or for event lines, both invoice formats group by Top Task
EVENT_TASK_ID	NULL	NUMBER(15)	The identifier of the task id to which the event, billed by the invoice line, is assigned
EVENT_NUM	NULL	NUMBER(15)	The event number that is billed by the invoice line
SHIP_TO_ADDRESS_ID	NULL	NUMBER(15)	The identifier of the ship-to address and used for taxation. This column is populated only if the invoice formats groups by work site and for events using the work site of the event task
TAXABLE_FLAG	NULL	VARCHAR2(1)	Obsolete
DRAFT_INV_LINE_NUM_CREDITED	NULL	NUMBER(15)	The draft invoice line number that is credited by this invoice line
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column
INV_AMOUNT	NULL	NUMBER	The amount to be billed in the invoicing currency code for the draft invoice item.
OUTPUT_VAT_TAX_ID	NULL	NUMBER	Identifier for default output tax code
OUTPUT_TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	Standard, Exempt, or required. Allows the user to use Standard Exemption rules, force an exemption or require tax to a normally exempt invoice. This is defaulted based on user setup
OUTPUT_TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	Tax Exempt Reason for item lines that have tax_exempt_flag set to (E-exempt)
OUTPUT_TAX_EXEMPT_NUMBER	NULL	VARCHAR2(80)	Exemption Certificate Number for item lines that have tax_exempt_flag set to (E-exempt)

# Column Descriptions (Continued)

Name	Null?	Type	Description
ACCT_AMOUNT	NULL	NUMBER	The Functional Currency amount of that has been accounted in Oracle Receivables. This column is populated in the Transfer Invoice to Oracle Receivables process.
ROUNDING_AMOUNT	NULL	NUMBER	The Functional Rounding amount. This column is populated in the Transfer Invoice to Oracle Receivables process.
UNBILLED_ROUNDING_AMOUNT_DR	NULL	NUMBER	The Functional Currency Unbilled Receivable Rounding amount. This column is populated in the Transfer Invoice to Oracle Receivables process.
UNEARNED_ROUNDING_AMOUNT_CR	NULL	NUMBER	The Functional Currency Unearned Revenue Rounding amount. This column is populated in the Transfer Invoice to Oracle Receivables process.
TRANSLATED_TEXT	NULL	VARCHAR2(240)	The translated text of the invoice line. This will be in the language defined in invoice header.
CC_REV_CODE_COMBINATION_ID	NULL	NUMBER	Identifier of the GL account for intercompany revenue. Used only for intercompany invoices.
CC_PROJECT_ID	NULL	NUMBER	Identifier of the cross charged project for which the invoice line was created. This is populated for intercompany invoices only.
CC_TAX_TASK_ID	NULL	NUMBER	Identifier of the task on which non-recoverable tax for the cross charged project will be charged.

## Indexes

Index Name	Index Type	Sequence	Column Name
PA_DRAFT_INVOICE_ITEMS_N1	NOT UNIQUE	1	TASK_ID
PA_DRAFT_INVOICE_ITEMS_N2	NOT UNIQUE	1	PROJECT_ID
		2	EVENT_NUM
		3	EVENT_TASK_ID
PA_DRAFT_INVOICE_ITEMS_N3	NOT UNIQUE	1	PROJECT_ID
		2	REQUEST_ID
PA_DRAFT_INVOICE_ITEMS_U1	UNIQUE	1	PROJECT_ID
		2	DRAFT_INVOICE_NUM
		3	LINE_NUM

## Database Triggers

Trigger Name : PA\_MRC\_DRAFT\_INV\_ITEMS\_AIUD  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an update or delete statement on the table PA\_DRAFT\_INVOICE\_ITEMS. For each record being updated/deleted in PA\_DRAFT\_INVOICE\_ITEMS, this trigger updates/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_DRAFT\_INV\_ITEMS.

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## PA\_DRAFT\_REVENUES\_ALL

PA\_DRAFT\_REVENUES\_ALL stores the draft revenues generated for a project.

The transfer status of a draft revenue is maintained as follows:

Generate Revenue – Create revenue; set to Pending (P).

Transfer Revenue – If successfully transferred to GL, set to Accepted (A);  
Else rejected in transfer to GL, set to Rejected in Transfer (X).

Tie back Revenue – If successfully tied back from GL, no update since  
already set to Accepted (A); Else rejected by GL, set to Rejected (R) to be  
re-transferred.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	UNEARNED_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	UNBILLED_CODE_COMBINATION_ID
GL_JE_LINES	REFERENCE_1	UNBILLED_BATCH_NAME
	CODE_COMBINATION_ID	UNBILLED_CODE_COMBINATION_ID
GL_JE_LINES	REFERENCE_1	UNEARNED_BATCH_NAME
	CODE_COMBINATION_ID	UNEARNED_CODE_COMBINATION_ID
PA_AGREEMENTS_ALL	AGREEMENT_ID	AGREEMENT_ID
PA_DRAFT_REVENUES_ALL	DRAFT_REVENUE_NUM	DRAFT_REVENUE_NUM_CREDITED
	PROJECT_ID	PROJECT_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSFER_STATUS_CODE	TRANSFER STATUS	PA_LOOKUPS
	A	Accepted
	P	Pending
	R	Rejected
	T	Transferred
	V	Received
	X	Rejected in Transfer

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the revenue is generated
DRAFT_REVENUE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the draft revenue within a project
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
AGREEMENT_ID	NOT NULL	NUMBER(15)	The identifier of the agreement that funds the revenue

Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(1)	The status of the revenue as it is transferred to General Ledger
GENERATION_ERROR_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates that an error was encountered during the Generate Draft Revenue program that caused the draft revenue to not be successfully generated
PA_DATE	NOT NULL	DATE	The end date of the PA period in which the revenue is generated. The PA period is the open or future PA period on or after the latest date of the expenditure item dates and the event completion dates included on the revenue.
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
RESOURCE_ACCUMULATED_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether this cost distribution lines is resource accumulated or not. The cost distribution line may be accumulated in the current reporting period or future periods. In both cases the resource accum flag will be = 'Y'
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
CUSTOMER_BILL_SPLIT	NULL	NUMBER(7,4)	The percentage of the total project revenue that the customer is funding on the draft revenue
ACCRUE_THROUGH_DATE	NULL	DATE	The date through which to accrue revenue for the project. Expenditure items with item date and events with completion date on or before the accrue through date are included on a revenue. For cost-to-cost accrual, the item PA date is used.
RELEASED_DATE	NULL	DATE	The date on which the draft revenue is released
TRANSFERRED_DATE	NULL	DATE	The date that the draft revenue was transferred to General Ledger
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	The reason why the draft revenue was rejected by the Transfer Revenue program or rejected by the General Ledger interface program, EZLink
UNBILLED_RECEIVABLE_DR	NULL	NUMBER(22,5)	The amount of unbilled receivables debit by the draft revenue
UNEARNED_REVENUE_CR	NULL	NUMBER(22,5)	The amount of unearned revenue credited by this draft revenue
UNBILLED_CODE_COMBINATION_ID	NULL	NUMBER(15)	The identifier of the gl account to which the unbilled receivables amount of this draft revenue is charged

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Column Descriptions (Continued)

Name	Null?	Type	Description
UNEARNED_CODE_COMBINATION_ID	NULL	NUMBER(15)	The identifier of the gl account to which the unearned revenue amount of this draft revenue is charged
UNBILLED_BATCH_NAME	NULL	VARCHAR2(30)	The identifier of the GL je line in which the UBR amount is included when posted to GL. This value is a concatenation of the UBR ccid, draft revenue gl date, transfer request id separated by hyphens. Joins to GL_JE_LINES.REFERENCE_1
UNEARNED_BATCH_NAME	NULL	VARCHAR2(30)	The identifier of the GL je line in which the UER amount is included when posted to GL. This value is a concatenation of UER ccid, draft revenue gl date, transfer request id separated by hyphens. Joins to GL_JE_LINES.REFERENCE_1.
GL_DATE	NULL	DATE	The end date of the GL accounting period to which to post the draft revenue transactions. The GL period is determined by the Transfer Revenue program from the first open or future GL period on or after the PA date of the draft revenue.
ACCUMULATED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether the revenue amounts of the draft revenue are included in the accumulator tables. (Obsolete in Version 4 with the new project summary amounts.)
DRAFT_REVENUE_NUM_CREDITED	NULL	NUMBER(15)	The draft revenue number that is credited by this draft revenue
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

Indexes

Index Name	Index Type	Sequence	Column Name
PA_DRAFT_REVENUES_N1	NOT UNIQUE	1	AGREEMENT_ID
PA_DRAFT_REVENUES_N2	NOT UNIQUE	1	TRANSFER_STATUS_CODE
PA_DRAFT_REVENUES_N3	NOT UNIQUE	1	UNBILLED_BATCH_NAME
PA_DRAFT_REVENUES_N4	NOT UNIQUE	1	UNEARNED_BATCH_NAME
PA_DRAFT_REVENUES_N5	NOT UNIQUE	1 2	PROJECT_ID REQUEST_ID
PA_DRAFT_REVENUES_N6	NOT UNIQUE	1	PA_DATE
PA_DRAFT_REVENUES_N7	NOT UNIQUE	1	GL_DATE
PA_DRAFT_REVENUES_N8	NOT UNIQUE	1	RESOURCE_ACCUMULATED_FLAG
PA_DRAFT_REVENUES_U1	UNIQUE	1 2	PROJECT_ID DRAFT_REVENUE_NUM

## *Database Triggers*

Trigger Name : PA\_MRC\_DRAFT\_REVS\_ALL\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update or delete statement on the table PA\_DRAFT\_REVENUES\_ALL. For each record being inserted/updated/deleted in PA\_DRAFT\_REVENUES\_ALL, this trigger inserts/ updates/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_DRAFT\_REVS\_ALL.



## PA\_DRAFT\_REVENUE\_ITEMS

PA\_DRAFT\_REVENUE\_ITEMS stores the lines of a draft revenue. The Generate Draft Revenue process creates a line for each revenue event and for each unique grouping of revenue distribution lines. Each grouping of revenue distribution lines is grouped by top task and revenue category.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_DRAFT_REVENUES_ALL	PROJECT_ID DRAFT_REVENUE_NUM	PROJECT_ID DRAFT_REVENUE_NUM
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REVENUE_CATEGORY_CODE	REVENUE CATEGORY	PA_LOOKUPS
REVENUE_SOURCE	REVENUE SOURCE Dummy Event Expenditure Item	PA_LOOKUPS Dummy Event Expenditure Item

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the revenue is generated
DRAFT_REVENUE_NUM (PK)	NOT NULL	NUMBER(15)	The draft revenue number to which the revenue line belongs
LINE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies and orders the draft revenue item for a draft revenue
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
TASK_ID	NULL	NUMBER(15)	The identifier of the task of the revenue line. For a line that accrues event revenue, this is the event task_id. For a line that accrues expenditure item revenue, this is the top_task_id of the tasks to which the items are charged.
AMOUNT	NOT NULL	NUMBER(22,5)	The revenue amount accrued for the draft revenue item
REVENUE_SOURCE	NOT NULL	VARCHAR2(30)	The source from which the revenue for the revenue line is generated
REVENUE_CATEGORY_CODE	NULL	VARCHAR2(30)	The revenue category of the expenditure items grouped into the revenue line
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column
REQUEST_ID	NULL	NUMBER(15)	Standard Who Column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
PA_DRAFT_REVENUE_ITEMS_N1	NOT UNIQUE	1	TASK_ID
PA_DRAFT_REVENUE_ITEMS_U1	UNIQUE	1	PROJECT_ID
		2	DRAFT_REVENUE_NUM
		3	LINE_NUM

# PA\_DR\_EXCEPTIONS\_DET\_V

PA\_DR\_EXCEPTIONS\_DET\_V identifies the Draft Revenues that prevent a period from being closed.

It returns detail information on specific draft revenues that have not been interfaced to GL and therefore are preventing the PA Period from being closed.

View Definition

```
CREATE VIEW PA_DR_EXCEPTIONS_DET_V
as SELECT
    SMRY.DRAFT_REVENUE_NUM DRAFT_REVENUE_NUM
    , SMRY.PROJECT_ID PROJECT_ID
    , PRJ.SEGMENT1 PROJECT_NUMBER
    , PRJ.PROJECT_CURRENCY_CODE
    , SMRY.PA_DATE PA_DATE
    , SMRY.PERIOD_NAME PERIOD_NAME
    , SMRY.AGREEMENT_ID AGREEMENT_ID
    , SMRY.AMOUNT AMOUNT
    , SMRY.TRANSFER_REJECTION_REASON TRANSFER_REJECTION_REASON
    , SMRY.EXCEPTION_REASON EXCEPTION_REASON
    , SMRY.CORRECTIVE_ACTION CORRECTION_ACTION
FROM
    PA_DR_EXCEPTIONS_SUM_V SMRY,
    PA_PROJECTS_ALL PRJ
Where PRJ.PROJECT_ID = SMRY.PROJECT_ID
```

Column Descriptions

Name	Null?	Type	Description
DRAFT_REVENUE_NUM	NULL	NUMBER	Refer to base table.
PROJECT_ID	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Project Currency Code
PA_DATE	NULL	DATE	Refer to base table.
PERIOD_NAME	NULL	VARCHAR2(20)	Refer to base table.
AGREEMENT_ID	NULL	NUMBER	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	Refer to base table.
EXCEPTION_REASON	NULL	VARCHAR2(2000)	Refer to base table.
CORRECTION_ACTION	NULL	VARCHAR2(2000)	Refer to base table.

## PA\_DR\_EXCEPTIONS\_SUM\_V

PA\_DR\_EXCEPTIONS\_SUM\_V identifies the Draft Revenues that prevent a period from being closed. It returns summary information on draft revenues that have not been interfaced to GL and therefore are preventing the PA Period from being closed.

### View Definition

```
CREATE VIEW PA_DR_EXCEPTIONS_SUM_V
as SELECT
    DR.DRAFT_REVENUE_NUM DRAFT_REVENUE_NUM
  , DR.PROJECT_ID PROJECT_ID
  , DR.PA_DATE PA_DATE
  , PRD.PERIOD_NAME PERIOD_NAME
  , DR.AGREEMENT_ID AGREEMENT_ID
  , SUM(DRI.AMOUNT) AMOUNT
  , DR.TRANSFER_REJECTION_REASON TRANSFER_REJECTION_REASON
  , PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('REV_EXCP',
    DR.TRANSFER_STATUS_CODE, DR.TRANSFER_REJECTION_REASON, 'R')
    EXCEPTION_REASON
  , PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('REV_EXCP',
    DR.TRANSFER_STATUS_CODE, DR.TRANSFER_REJECTION_REASON, 'A')
    CORRECTIVE_ACTION

  PA_DRAFT_REVENUE_ITEMS DRI,
  PA_IMPLEMENTATIONS IMP,
  PA_PERIODS PRD
WHERE
    IMP.INTERFACE_REVENUE_TO_GL_FLAG = 'Y'
AND DR.TRANSFER_STATUS_CODE IN ('P','R','X','T') /* DRIVE FROM
INDEX ON TRX STATUS */
AND DR.DRAFT_REVENUE_NUM = DRI.DRAFT_REVENUE_NUM
AND DR.PROJECT_ID = DRI.PROJECT_ID
AND DR.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE
AND DR.GENERATION_ERROR_FLAG != 'Y'
GROUP BY
    DR.DRAFT_REVENUE_NUM,
    DR.PROJECT_ID,
    DR.PA_DATE,
    PRD.PERIOD_NAME,
    DR.AGREEMENT_ID,
    DR.TRANSFER_REJECTION_REASON,
    DR.TRANSFER_STATUS_CODE
UNION
SELECT
    DR.DRAFT_REVENUE_NUM,
    DR.PROJECT_ID,
    DR.PA_DATE,
    PRD.PERIOD_NAME,
    DR.AGREEMENT_ID,
    SUM(DRI.AMOUNT),
    DR.TRANSFER_REJECTION_REASON,
    PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('REV_EXCP',
    DR.TRANSFER_STATUS_CODE, TRANSFER_REJECTION_REASON, 'R')
```

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```
EXCEPTION_REASON,
PA_EXCEPTION_REASONS_PUB.GET_EXCEPTION_TEXT('REV_EXCP',
DR.TRANSFER_STATUS_CODE, TRANSFER_REJECTION_REASON, 'A')
CORRECTIVE_ACTION
FROM PA_DRAFT_REVENUES    DR,
     PA_DRAFT_REVENUE_ITEMS DRI,
     PA_PERIODS    PRD
WHERE
    DR.DRAFT_REVENUE_NUM = DRI.DRAFT_REVENUE_NUM
AND DR.PROJECT_ID = DRI.PROJECT_ID
AND DR.PA_DATE BETWEEN PRD.START_DATE AND PRD.END_DATE
AND EXISTS
    ( SELECT 1
      FROM PA_IMPLEMENTATIONS IMP,
           GL_JE_CATEGORIES C,
           GL_JE_SOURCES S,
           GL_INTERFACE INT
      WHERE
        IMP.INTERFACE_REVENUE_TO_GL_FLAG = 'Y'
        AND INT.USER_JE_CATEGORY_NAME = C.USER_JE_CATEGORY_NAME
        AND C.JE_CATEGORY_NAME = 'Revenue'
        AND INT.USER_JE_SOURCE_NAME = S.USER_JE_SOURCE_NAME
        AND S.JE_SOURCE_NAME = 'Project Accounting'
        AND INT.SET_OF_BOOKS_ID = IMP.SET_OF_BOOKS_ID
        AND (INT.REFERENCE21 = DR.UNEARNED_BATCH_NAME
              OR INT.REFERENCE21 = DR.UNBILLED_BATCH_NAME))
GROUP BY
    DR.DRAFT_REVENUE_NUM,
    DR.PROJECT_ID,
    DR.PA_DATE,
    PRD.PERIOD_NAME,
    DR.AGREEMENT_ID,
    DR.TRANSFER_REJECTION_REASON,
    DR.TRANSFER_STATUS_CODE
```

Column Descriptions

Name	Null?	Type	Description
DRAFT_REVENUE_NUM	NULL	NUMBER	Refer to base table.
PROJECT_ID	NULL	NUMBER	Refer to base table.
PA_DATE	NULL	DATE	Refer to base table.
PERIOD_NAME	NULL	VARCHAR2(20)	Refer to base table.
AGREEMENT_ID	NULL	NUMBER	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	Refer to base table.
EXCEPTION_REASON	NULL	VARCHAR2(2000)	The reason for transaction being in exception
CORRECTIVE_ACTION	NULL	VARCHAR2(2000)	The corrective action to eliminate this exception

## PA\_EARNED\_VALUES

PA\_EARNED\_VALUES stores earned value history for lowest-level tasks and resources at a point in time that the users determine. This table is primarily maintained by external project management tools using the Oracle Projects Activity Management Gateway.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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
PROJECT_ID (PK)	NOT NULL	NUMBER	The project identifier
TASK_ID (PK)	NOT NULL	NUMBER	The task identifier
RESOURCE_LIST_MEMBER_ID (PK)	NOT NULL	NUMBER	The resource list member identifier
AS_OF_DATE	NOT NULL	DATE	The date on which the earned values are computed
CURRENT_FLAG	NOT NULL	VARCHAR2(1)	A flag that indicates whether the earned values are current or not
BCWS	NULL	NUMBER	Budgeted Cost of Work Scheduled
ACWP	NULL	NUMBER	Actual Cost of Work Performed
BCWP	NULL	NUMBER	Budgeted Cost of Work Performed
BAC	NULL	NUMBER	Budgeted Actual Cost
BCWS_ITD	NULL	NUMBER	Budgeted Cost of Worked Scheduled; Inception-to-Date
ACWP_ITD	NULL	NUMBER	Actual Cost of Work Performed, Inception-to-Date
BCWP_ITD	NULL	NUMBER	Budgeted Cost of Work Performed, Inception-to-Date
BAC_ITD	NULL	NUMBER	Budgeted Actual Cost, Inception-to-Date
BQWS	NULL	NUMBER	Budgeted Quantity of Work Scheduled
AQWP	NULL	NUMBER	Actual Quantity of Work Performed
BQWP	NULL	NUMBER	Budgeted Quantity of Work Performed
BAQ	NULL	NUMBER	Budgeted Actual Quantity
BQWS_ITD	NULL	NUMBER	Budgeted Quantity of Worked Scheduled, Inception-to-Date
AQWP_ITD	NULL	NUMBER	Actual Quantity of Work Performed, Inception-to-Date
BQWP_ITD	NULL	NUMBER	Budgeted Quantity of Work Performed, Inception-to-Date
BAQ_ITD	NULL	NUMBER	Budgeted Actual Quantity, Inception-to-Date
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

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Indexes

Index Name	Index Type	Sequence	Column Name
PA_EARNED_VALUES_N1	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
		3	RESOURCE_LIST_MEMBER_ID
		4	AS_OF_DATE

## PA\_EI\_DENORM

PA\_EI\_DENORM is the denormalized representation of PA\_EXPENDITURE\_ITEMS\_ALL table, primarily used by the Self-Service Time module to enable matrix time entry. Please refer to column descriptions in PA\_EXPENDITURE\_ITEMS\_ALL for a detailed description of the columns in this table.

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ID	NOT NULL	NUMBER(15)	
DENORM_ID	NOT NULL	NUMBER(15)	System generated unique identifier
PERSON_ID	NOT NULL	NUMBER(15)	
PROJECT_ID	NOT NULL	NUMBER(15)	
TASK_ID	NOT NULL	NUMBER(15)	
BILLABLE_FLAG	NOT NULL	VARCHAR2(1)	Obsolete
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	
DEFAULT_SYS_LINK_FUNC	NULL	VARCHAR2(3)	
UNIT_OF_MEASURE_CODE	NULL	VARCHAR2(30)	
UNIT_OF_MEASURE	NULL	VARCHAR2(80)	
EXPENDITURE_ITEM_ID_1	NULL	NUMBER(15)	
EXPENDITURE_ITEM_DATE_1	NULL	DATE	
QUANTITY_1	NULL	NUMBER(22,5)	
SYSTEM_LINKAGE_FUNCTION_1	NULL	VARCHAR2(30)	
NON_LABOR_RESOURCE_1	NULL	VARCHAR2(20)	
ORGANIZATION_ID_1	NULL	NUMBER(15)	
OVERRIDE_TO_ORGANIZATION_ID_1	NULL	NUMBER(15)	
RAW_COST_1	NULL	NUMBER(22,5)	
RAW_COST_RATE_1	NULL	NUMBER(22,5)	
ATTRIBUTE_CATEGORY_1	NULL	VARCHAR2(30)	
ATTRIBUTE1_1	NULL	VARCHAR2(150)	
ATTRIBUTE1_2	NULL	VARCHAR2(150)	
ATTRIBUTE1_3	NULL	VARCHAR2(150)	
ATTRIBUTE1_4	NULL	VARCHAR2(150)	
ATTRIBUTE1_5	NULL	VARCHAR2(150)	
ATTRIBUTE1_6	NULL	VARCHAR2(150)	
ATTRIBUTE1_7	NULL	VARCHAR2(150)	
ATTRIBUTE1_8	NULL	VARCHAR2(150)	
ATTRIBUTE1_9	NULL	VARCHAR2(150)	
ATTRIBUTE1_10	NULL	VARCHAR2(150)	
ORIG_TRANSACTION_REFERENCE_1	NULL	VARCHAR2(30)	
ADJUSTED_EXPENDITURE_ITEM_ID_1	NULL	NUMBER(15)	
NET_ZERO_ADJUSTMENT_FLAG_1	NULL	VARCHAR2(1)	
EXPENDITURE_COMMENT_1	NULL	VARCHAR2(240)	
EXPENDITURE_ITEM_ID_2	NULL	NUMBER(15)	
EXPENDITURE_ITEM_DATE_2	NULL	DATE	
QUANTITY_2	NULL	NUMBER(22,5)	
SYSTEM_LINKAGE_FUNCTION_2	NULL	VARCHAR2(30)	
NON_LABOR_RESOURCE_2	NULL	VARCHAR2(20)	
ORGANIZATION_ID_2	NULL	NUMBER(15)	
OVERRIDE_TO_ORGANIZATION_ID_2	NULL	NUMBER(15)	
RAW_COST_2	NULL	NUMBER(22,5)	
RAW_COST_RATE_2	NULL	NUMBER(22,5)	

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY_2	NULL	VARCHAR2(30)	
ATTRIBUTE2_1	NULL	VARCHAR2(150)	
ATTRIBUTE2_2	NULL	VARCHAR2(150)	
ATTRIBUTE2_3	NULL	VARCHAR2(150)	
ATTRIBUTE2_4	NULL	VARCHAR2(150)	
ATTRIBUTE2_5	NULL	VARCHAR2(150)	
ATTRIBUTE2_6	NULL	VARCHAR2(150)	
ATTRIBUTE2_7	NULL	VARCHAR2(150)	
ATTRIBUTE2_8	NULL	VARCHAR2(150)	
ATTRIBUTE2_9	NULL	VARCHAR2(150)	
ATTRIBUTE2_10	NULL	VARCHAR2(150)	
ORIG_TRANSACTION_REFERENCE_2	NULL	VARCHAR2(30)	
ADJUSTED_EXPENDITURE_ITEM_ID_2	NULL	NUMBER(15)	
NET_ZERO_ADJUSTMENT_FLAG_2	NULL	VARCHAR2(1)	
EXPENDITURE_COMMENT_2	NULL	VARCHAR2(240)	
EXPENDITURE_ITEM_ID_3	NULL	NUMBER(15)	
EXPENDITURE_ITEM_DATE_3	NULL	DATE	
QUANTITY_3	NULL	NUMBER(22,5)	
SYSTEM_LINKAGE_FUNCTION_3	NULL	VARCHAR2(30)	
NON_LABOR_RESOURCE_3	NULL	VARCHAR2(20)	
ORGANIZATION_ID_3	NULL	NUMBER(15)	
OVERRIDE_TO_ORGANIZATION_ID_3	NULL	NUMBER(15)	
RAW_COST_3	NULL	NUMBER(22,5)	
RAW_COST_RATE_3	NULL	NUMBER(22,5)	
ATTRIBUTE_CATEGORY_3	NULL	VARCHAR2(30)	
ATTRIBUTE3_1	NULL	VARCHAR2(150)	
ATTRIBUTE3_2	NULL	VARCHAR2(150)	
ATTRIBUTE3_3	NULL	VARCHAR2(150)	
ATTRIBUTE3_4	NULL	VARCHAR2(150)	
ATTRIBUTE3_5	NULL	VARCHAR2(150)	
ATTRIBUTE3_6	NULL	VARCHAR2(150)	
ATTRIBUTE3_7	NULL	VARCHAR2(150)	
ATTRIBUTE3_8	NULL	VARCHAR2(150)	
ATTRIBUTE3_9	NULL	VARCHAR2(150)	
ATTRIBUTE3_10	NULL	VARCHAR2(150)	
ORIG_TRANSACTION_REFERENCE_3	NULL	VARCHAR2(30)	
ADJUSTED_EXPENDITURE_ITEM_ID_3	NULL	NUMBER(15)	
NET_ZERO_ADJUSTMENT_FLAG_3	NULL	VARCHAR2(1)	
EXPENDITURE_COMMENT_3	NULL	VARCHAR2(240)	
EXPENDITURE_ITEM_ID_4	NULL	NUMBER(15)	
EXPENDITURE_ITEM_DATE_4	NULL	DATE	
QUANTITY_4	NULL	NUMBER(22,5)	
SYSTEM_LINKAGE_FUNCTION_4	NULL	VARCHAR2(30)	
NON_LABOR_RESOURCE_4	NULL	VARCHAR2(20)	
ORGANIZATION_ID_4	NULL	NUMBER(15)	
OVERRIDE_TO_ORGANIZATION_ID_4	NULL	NUMBER(15)	
RAW_COST_4	NULL	NUMBER(22,5)	
RAW_COST_RATE_4	NULL	NUMBER(22,5)	
ATTRIBUTE_CATEGORY_4	NULL	VARCHAR2(30)	
ATTRIBUTE4_1	NULL	VARCHAR2(150)	
ATTRIBUTE4_2	NULL	VARCHAR2(150)	
ATTRIBUTE4_3	NULL	VARCHAR2(150)	
ATTRIBUTE4_4	NULL	VARCHAR2(150)	
ATTRIBUTE4_5	NULL	VARCHAR2(150)	

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE4_6	NULL	VARCHAR2(150)	
ATTRIBUTE4_7	NULL	VARCHAR2(150)	
ATTRIBUTE4_8	NULL	VARCHAR2(150)	
ATTRIBUTE4_9	NULL	VARCHAR2(150)	
ATTRIBUTE4_10	NULL	VARCHAR2(150)	
ORIG_TRANSACTION_REFERENCE_4	NULL	VARCHAR2(30)	
ADJUSTED_EXPENDITURE_ITEM_ID_4	NULL	NUMBER(15)	
NET_ZERO_ADJUSTMENT_FLAG_4	NULL	VARCHAR2(1)	
EXPENDITURE_COMMENT_4	NULL	VARCHAR2(240)	
EXPENDITURE_ITEM_ID_5	NULL	NUMBER(15)	
EXPENDITURE_ITEM_DATE_5	NULL	DATE	
QUANTITY_5	NULL	NUMBER(22,5)	
SYSTEM_LINKAGE_FUNCTION_5	NULL	VARCHAR2(30)	
NON_LABOR_RESOURCE_5	NULL	VARCHAR2(20)	
ORGANIZATION_ID_5	NULL	NUMBER(15)	
OVERRIDE_TO_ORGANIZATION_ID_5	NULL	NUMBER(15)	
RAW_COST_5	NULL	NUMBER(22,5)	
RAW_COST_RATE_5	NULL	NUMBER(22,5)	
ATTRIBUTE_CATEGORY_5	NULL	VARCHAR2(30)	
ATTRIBUTE5_1	NULL	VARCHAR2(150)	
ATTRIBUTE5_2	NULL	VARCHAR2(150)	
ATTRIBUTE5_3	NULL	VARCHAR2(150)	
ATTRIBUTE5_4	NULL	VARCHAR2(150)	
ATTRIBUTE5_5	NULL	VARCHAR2(150)	
ATTRIBUTE5_6	NULL	VARCHAR2(150)	
ATTRIBUTE5_7	NULL	VARCHAR2(150)	
ATTRIBUTE5_8	NULL	VARCHAR2(150)	
ATTRIBUTE5_9	NULL	VARCHAR2(150)	
ATTRIBUTE5_10	NULL	VARCHAR2(150)	
ORIG_TRANSACTION_REFERENCE_5	NULL	VARCHAR2(30)	
ADJUSTED_EXPENDITURE_ITEM_ID_5	NULL	NUMBER(15)	
NET_ZERO_ADJUSTMENT_FLAG_5	NULL	VARCHAR2(1)	
EXPENDITURE_COMMENT_5	NULL	VARCHAR2(240)	
EXPENDITURE_ITEM_ID_6	NULL	NUMBER(15)	
EXPENDITURE_ITEM_DATE_6	NULL	DATE	
QUANTITY_6	NULL	NUMBER(22,5)	
SYSTEM_LINKAGE_FUNCTION_6	NULL	VARCHAR2(30)	
NON_LABOR_RESOURCE_6	NULL	VARCHAR2(20)	
ORGANIZATION_ID_6	NULL	NUMBER(15)	
OVERRIDE_TO_ORGANIZATION_ID_6	NULL	NUMBER(15)	
RAW_COST_6	NULL	NUMBER(22,5)	
RAW_COST_RATE_6	NULL	NUMBER(22,5)	
ATTRIBUTE_CATEGORY_6	NULL	VARCHAR2(30)	
ATTRIBUTE6_1	NULL	VARCHAR2(150)	
ATTRIBUTE6_2	NULL	VARCHAR2(150)	
ATTRIBUTE6_3	NULL	VARCHAR2(150)	
ATTRIBUTE6_4	NULL	VARCHAR2(150)	
ATTRIBUTE6_5	NULL	VARCHAR2(150)	
ATTRIBUTE6_6	NULL	VARCHAR2(150)	
ATTRIBUTE6_7	NULL	VARCHAR2(150)	
ATTRIBUTE6_8	NULL	VARCHAR2(150)	
ATTRIBUTE6_9	NULL	VARCHAR2(150)	
ATTRIBUTE6_10	NULL	VARCHAR2(150)	
ORIG_TRANSACTION_REFERENCE_6	NULL	VARCHAR2(30)	

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Column Descriptions (Continued)

Name	Null?	Type	Description
ADJUSTED_EXPENDITURE_ITEM_ID_6	NULL	NUMBER(15)	
NET_ZERO_ADJUSTMENT_FLAG_6	NULL	VARCHAR2(1)	
EXPENDITURE_COMMENT_6	NULL	VARCHAR2(240)	
EXPENDITURE_ITEM_ID_7	NULL	NUMBER(15)	
EXPENDITURE_ITEM_DATE_7	NULL	DATE	
QUANTITY_7	NULL	NUMBER(22,5)	
SYSTEM_LINKAGE_FUNCTION_7	NULL	VARCHAR2(30)	
NON_LABOR_RESOURCE_7	NULL	VARCHAR2(20)	
ORGANIZATION_ID_7	NULL	NUMBER(15)	
OVERRIDE_TO_ORGANIZATION_ID_7	NULL	NUMBER(15)	
RAW_COST_7	NULL	NUMBER(22,5)	
RAW_COST_RATE_7	NULL	NUMBER(22,5)	
ATTRIBUTE_CATEGORY_7	NULL	VARCHAR2(30)	
ATTRIBUTE7_1	NULL	VARCHAR2(150)	
ATTRIBUTE7_2	NULL	VARCHAR2(150)	
ATTRIBUTE7_3	NULL	VARCHAR2(150)	
ATTRIBUTE7_4	NULL	VARCHAR2(150)	
ATTRIBUTE7_5	NULL	VARCHAR2(150)	
ATTRIBUTE7_6	NULL	VARCHAR2(150)	
ATTRIBUTE7_7	NULL	VARCHAR2(150)	
ATTRIBUTE7_8	NULL	VARCHAR2(150)	
ATTRIBUTE7_9	NULL	VARCHAR2(150)	
ATTRIBUTE7_10	NULL	VARCHAR2(150)	
ORIG_TRANSACTION_REFERENCE_7	NULL	VARCHAR2(30)	
ADJUSTED_EXPENDITURE_ITEM_ID_7	NULL	NUMBER(15)	
NET_ZERO_ADJUSTMENT_FLAG_7	NULL	VARCHAR2(1)	
EXPENDITURE_COMMENT_7	NULL	VARCHAR2(240)	
DENORM_TOTAL_QTY	NULL	NUMBER(22,5)	
DENORM_TOTAL_AMOUNT	NULL	NUMBER(22,5)	
CREATED_BY	NOT NULL	NUMBER(15)	
CREATION_DATE	NOT NULL	DATE	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	
JOB_ID_1	NULL	NUMBER(15)	
JOB_ID_2	NULL	NUMBER(15)	
JOB_ID_3	NULL	NUMBER(15)	
JOB_ID_4	NULL	NUMBER(15)	
JOB_ID_5	NULL	NUMBER(15)	
JOB_ID_6	NULL	NUMBER(15)	
JOB_ID_7	NULL	NUMBER(15)	
ADJUSTED_DENORM_ID	NULL	NUMBER(15)	
BILLABLE_FLAG_1	NULL	VARCHAR2(1)	
BILLABLE_FLAG_2	NULL	VARCHAR2(1)	
BILLABLE_FLAG_3	NULL	VARCHAR2(1)	
BILLABLE_FLAG_4	NULL	VARCHAR2(1)	
BILLABLE_FLAG_5	NULL	VARCHAR2(1)	
BILLABLE_FLAG_6	NULL	VARCHAR2(1)	
BILLABLE_FLAG_7	NULL	VARCHAR2(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
PA_EI_DENORM_N1	NOT UNIQUE	2	PROJECT_ID
		4	TASK_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_EI_DENORM_N2	NOT UNIQUE	2	TASK_ID
PA_EI_DENORM_U1	UNIQUE	2	EXPENDITURE_ID
		4	DENORM_ID

## PA\_EMPLOYEES

PA\_EMPLOYEES selects only the employee records from the PER\_PEOPLE\_F table as of the current date. This view returns only one person record for any PERSON\_ID. With Oracle Human Resources, you can have more than one record for the same PERSON\_ID but with a different EFFECTIVE\_START\_DATE and EFFECTIVE\_END\_DATE. These are date-effective records in Oracle Human Resources. For more information, refer to the description of the table PER\_PEOPLE\_F.

### View Definition

```
CREATE VIEW PA_EMPLOYEES
as SELECT
    P.PERSON_ID
  , P.FULL_NAME
  , P.EMPLOYEE_NUMBER
  , P.LAST_NAME
  , P.FIRST_NAME
  , P.MIDDLE_NAMES
  , P.EFFECTIVE_START_DATE
  , P.EFFECTIVE_END_DATE
  , P.EXPENSE_CHECK_SEND_TO_ADDRESS
  , P.BUSINESS_GROUP_ID
  , P.VENDOR_ID
  , DECODE(P.CURRENT_EMPLOYEE_FLAG,'Y','*',P.CURRENT_EMPLOYEE_FLAG) "Active"
FROM PA_IMPLEMENTATIONS IMP,
PER_PEOPLE_F P
  Where IMP.BUSINESS_GROUP_ID = P.BUSINESS_GROUP_ID + 0
    AND TRUNC( SYSDATE ) BETWEEN P.EFFECTIVE_START_DATE
                                AND P.EFFECTIVE_END_DATE
    AND P.EMPLOYEE_NUMBER IS NOT NULL
```

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID	NOT NULL	NUMBER(9)	Refer to base table.
FULL_NAME		NULL VARCHAR2(240)	Refer to base table.
EMPLOYEE_NUMBER		NULL VARCHAR2(30)	Refer to base table.
LAST_NAME	NOT NULL	VARCHAR2(40)	Refer to base table.
FIRST_NAME		NULL VARCHAR2(20)	Refer to base table.
MIDDLE_NAMES		NULL VARCHAR2(60)	Refer to base table.
EFFECTIVE_START_DATE	NOT NULL	DATE	Refer to base table.
EFFECTIVE_END_DATE	NOT NULL	DATE	Refer to base table.
EXPENSE_CHECK_SEND_TO_ADDRESS		NULL VARCHAR2(30)	Refer to base table.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to base table.
VENDOR_ID		NULL NUMBER(15)	Refer to base table.
ACTIVE		NULL VARCHAR2(30)	Refer to base table.

## PA\_EMP\_BILL\_RATE\_OVERRIDES

PA\_EMP\_BILL\_RATE\_OVERRIDES stores employee bill rates that are negotiated for a project or task. An employee bill rate override takes precedence over the job bill rate and the employee's bill rate on the standard bill rate schedule.

See the Bill Rate Precedence diagram in the Oracle Projects User's Guide for more information.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BILL_RATE_UNIT	UNIT	PA_LOOKUPS
	DOLLARS	Dollars
	HOURS	Hours

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID (PK)	NOT NULL	NUMBER(9)	The identifier of the employee that will be billed according to the bill rate override
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
RATE	NOT NULL	NUMBER(22,5)	The bill rate used to determine the item's revenue or bill amount. Revenue = bill rate * quantity
BILL_RATE_UNIT	NOT NULL	VARCHAR2(30)	The code of the bill rate unit. This value is always 'HOURS' because 'HOURS' is the only unit supported for labor items
START_DATE_ACTIVE (PK)	NOT NULL	DATE	First effective date of the bill rate
PROJECT_ID (PK)	NULL	NUMBER(15)	The identifier of the project for which the bill rate override is entered
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task for which the bill rate override is entered
END_DATE_ACTIVE	NULL	DATE	Last effective date of the bill rate

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EMP_BILL_RATE_OVERRIDES_N1	NOT UNIQUE	1	TASK_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_EMP_BILL_RATE_OVERRIDES_U1	UNIQUE	1	PROJECT_ID
		2	TASK_ID
		3	PERSON_ID
		4	START_DATE_ACTIVE

## PA\_EVENTS

PA\_EVENTS stores events assigned to a task that generate revenue and/or billing activities that are not directly associated to the cost and revenue generated by expenditure items.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_BILLING_ASSIGNMENTS_ALL	BILLING_ASSIGNMENT_ID	BILLING_ASSIGNMENT_ID
PA_EVENTS	PROJECT_ID	PROJECT_ID
	EVENT_NUM	EVENT_NUM_REVERSED
	TASK_ID	TASK_ID
PA_EVENT_TYPES	EVENT_TYPE	EVENT_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BILL_HOLD_FLAG	BILLING HOLD	PA_LOOKUPS
	N	No
	O	Once
	Y	Yes
REVENUE_DISTRIBUTED_FLAG	REVENUE DISTRIBUTED FLAG	PA_LOOKUPS
	N	No
	P	Partial
	Y	Yes
REV_DIST_REJECTION_CODE	REVENUE DIST REJECTION CODE	PA_LOOKUPS
	AA_FAIL	AutoAccounting Error
	ABNORMAL TERMINATION	Abnormal termination
	BAD DR LINE NUMBER	Bad Draft Revenue Item Line Number
	CALC_BILL_AMOUNT_EXT_FAIL	Bill Amount Extension Error
	CUSTOMER ON CREDIT HOLD	Customer is on credit hold
	HARD LIMIT	Hard Limit
	KEY_FLEX_FAIL	Invalid Accounting Flexfield
	NO ACTIVE CUSTOMER	No Active Customer
	NO AGREEMENT	No agreement exists for this customer
	NO COST-COST REVENUE	No more cost-to-cost revenue to accrue
	NO FUNDING	No Funding
	NO LABOR BILL RATE	No Labor Bill Rate
	NO NON-LABOR MARKUP	No Non-Labor Bill Rate
	NO PA_DATE	No PA Date
	NULL_CCID	AutoAccounting error: null ccid
	ZERO TOTAL COST	Cannot allocate revenue to items, because total burden cost

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# Column Descriptions

Name	Null?	Type	Description
TASK_ID	NULL	NUMBER(15)	The identifier of the top level task to which the event is assigned
EVENT_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the event.
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
EVENT_TYPE	NOT NULL	VARCHAR2(30)	The event type that classifies the event
DESCRIPTION	NOT NULL	VARCHAR2(240)	The free text description of the event. For billing events, the description is displayed as the invoice line description.
BILL_AMOUNT	NOT NULL	NUMBER(22,5)	The amount to be billed for the event on an invoice upon the event's completion date
REVENUE_AMOUNT	NOT NULL	NUMBER(22,5)	The amount of revenue to accrue for the event upon the event's completion date
REVENUE_DISTRIBUTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the event's revenue has been distributed. (An event is either distributed or not. It cannot be partially accrued.)
BILL_HOLD_FLAG	NULL	VARCHAR2(1)	Flag that indicates that the event is held from invoicing
COMPLETION_DATE	NULL	DATE	The date on which the event is complete and on or after which the event is processed for revenue accrual and/or invoicing
REV_DIST_REJECTION_CODE	NULL	VARCHAR2(30)	The reason why the event was rejected during revenue distribution
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 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
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project to which event is assigned.
ORGANIZATION_ID	NOT NULL	NUMBER(15)	The unique identifier of the organization for the event. For example, this may be used to credit revenue to different organization.

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Column Descriptions (Continued)

Name	Null?	Type	Description
BILLING_ASSIGNMENT_ID	NULL	NUMBER(15)	The unique identifier of billing extention assignment that is basis for creating the automatic event.
EVENT_NUM_REVERSED	NULL	NUMBER(15)	The event_num of the event that this automatic event is reversing when the invoice that the original event was on gets cancelled.
CALLING_PLACE	NULL	VARCHAR2(30)	The place in the program that called the Billing Extension which created this event
CALLING_PROCESS	NULL	VARCHAR2(30)	The process that called the Billing Extension that created this event
AUDIT_COST_BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	Audit Cost budget type used for calculation of cost budget amounts
AUDIT_REV_BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	Audit revenue budget type used for calculation of revenue budget amounts
AUDIT_AMOUNT1	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT2	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT3	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT4	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT5	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT6	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT7	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT8	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT9	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
AUDIT_AMOUNT10	NULL	NUMBER	Audit amount column to know the audit amounts for events with automatic event type classification
EVENT_ID	NOT NULL	NUMBER	Primary key for table.

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### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EVENTS_N1	NOT UNIQUE	1	REVENUE_DISTRIBUTED_FLAG
		2	PROJECT_ID
		3	COMPLETION_DATE
		4	TASK_ID
PA_EVENTS_N2	NOT UNIQUE	1	EVENT_TYPE
PA_EVENTS_N3	NOT UNIQUE	1	REQUEST_ID
		2	REVENUE_DISTRIBUTED_FLAG
PA_EVENTS_N4	NOT UNIQUE	2	BILLING_ASSIGNMENT_ID
PA_EVENTS_U1	UNIQUE	1	PROJECT_ID
		2	EVENT_NUM
		3	TASK_ID
PA_EVENTS_U2	UNIQUE	2	EVENT_ID

### Sequences

Sequence	Derived Column
PA_EVENTS_S	EVENT_ID

### Database Triggers

Trigger Name : PA\_MRC\_EVENTS\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update or delete statement on the table PA\_EVENTS. For each record being inserted/updated/deleted in PA\_EVENTS, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_EVENTS.

## PA\_EVENT\_TYPES

PA\_EVENT\_TYPES stores the implementation-defined classification of events that determine how Oracle Projects processes revenue and invoices events.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EVENT_TYPE_CLASSIFICATION	EVENT TYPE CLASSIFICATION	PA_LOOKUPS
	AUTOMATIC	Automatic
	DEFERRED REVENUE	Deferred Revenue
	INVOICE REDUCTION	Invoice Reduction
	MANUAL	Manual
	SCHEDULED PAYMENTS	Scheduled Payment
	WRITE OFF	Write-Off
	WRITE ON	Write-On

### Column Descriptions

Name	Null?	Type	Description
EVENT_TYPE (PK)	NOT NULL	VARCHAR2(30)	Implementation-defined name that uniquely identifies the event 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
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the event type
EVENT_TYPE_CLASSIFICATION	NOT NULL	VARCHAR2(30)	The classification of the event type to drive system processing of events of the event type
END_DATE_ACTIVE	NULL	DATE	Last effective date of the event type
DESCRIPTION	NULL	VARCHAR2(250)	Explanation of event type
REVENUE_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	The revenue category to which event type belongs.
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

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Indexes

Index Name	Index Type	Sequence	Column Name
PA_EVENT_TYPES_N1	NOT UNIQUE	1	EVENT_TYPE_CLASSIFICATION
PA_EVENT_TYPES_U1	UNIQUE	1	EVENT_TYPE

PA\_EVENT\_TYPE\_OUS\_ALL

PA\_EVENT\_TYPE\_OUS\_ALL stores operating unit specific information like default tax code for event types that can otherwise be used generically across all operating units implemented.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_VAT_TAX_ALL_B	VAT_TAX_ID	OUTPUT_VAT_TAX_ID
PA_EVENT_TYPES	EVENT_TYPE	EVENT_TYPE
PA_IMPLEMENTATIONS_ALL	ORG_ID	ORG_ID

Column Descriptions

Name	Null?	Type	Description
EVENT_TYPE	NOT NULL	VARCHAR2(30)	The implementation defined name that uniquely identifies the event type
OUTPUT_VAT_TAX_ID	NULL	NUMBER	Indicates the vat tax id to be used for Customer Invoices
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard who column
ORG_ID	NULL	NUMBER	Operating unit identifier for multi organization installation

Indexes

Index Name	Index Type	Sequence	Column Name
PA_EVENT_TYPE_OUS_ALL_U1	UNIQUE	2	EVENT_TYPE
		4	ORG_ID

## PA\_EXCEPTION\_REASONS

This table stores exception reasons and the corresponding corrective actions for various types of transaction exceptions. The exception reasons are system-defined.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCEPTION_CATEGORY	EXCEPTION_CATEGORY	PA_LOOKUPS
	AP_INV_EXCP	Payables Invoice Exceptions
	COST_EXCP	Costing Exceptions
	MFG_EXCP	Project Manufacturing/Inventory Exceptions
	REV_EXCP	Revenue Exceptions

### Column Descriptions

Name	Null?	Type	Description
EXCEPTION_CATEGORY (PK)	NOT NULL	VARCHAR2(30)	Classification of the exception
EXCEPTION_CODE (PK)	NOT NULL	VARCHAR2(30)	Code that uniquely identifies the exception within the exception category
EXCEPTION_REASON	NOT NULL	VARCHAR2(200)	Reason for this exception
CORRECTIVE_ACTION	NOT NULL	VARCHAR2(200)	Corrective action to be taken to avoid this exception
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Column
CREATION_DATE	NOT NULL	DATE	Standard Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Column

## PA\_EXPENDITURES\_ALL

PA\_EXPENDITURES\_ALL stores groupings of expenditure items incurred by an employee or an organization for a specific expenditure period. An expenditure also exists for each supplier invoice transferred to Oracle Projects from Oracle Payables.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	DENOM_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	ACCT_CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	ACCT_RATE_TYPE
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	INCURRED_BY_ORGANIZATION_ID
PA_EXPENDITURE_GROUPS_ALL	EXPENDITURE_GROUP ORG_ID	EXPENDITURE_GROUP ORG_ID
PER_ALL_PEOPLE_F	PERSON_ID	ENTERED_BY_PERSON_ID
PER_ALL_PEOPLE_F	PERSON_ID	INCURRED_BY_PERSON_ID
PER_ALL_PEOPLE_F	PERSON_ID	OVERRIDING_APPROVER_PERSON_ID
PER_ALL_PEOPLE_F	PERSON_ID	OVERRIDING_APPROVER_PERSON_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXPENDITURE_CLASS_CODE	EXPENDITURE CLASS CODE OE OT PE PT PU VI	PA_LOOKUPS Online Expense Report Online Time Card Pre-Approved Expense Report Pre-Approved Time Card Pre-Approved Usage Supplier Invoice
EXPENDITURE_STATUS_CODE	EXPENDITURE STATUS APPROVED REJECTED SUBMITTED WORKING	PA_LOOKUPS Approved Rejected Submitted Working
TRANSFER_STATUS_CODE	EXP_TRANSFER_STATUS A P T	PA_LOOKUPS Accepted Pending Transferred
WF_STATUS_CODE	WF_STATUS_CODE IN_ROUTE REJECTED	PA_LOOKUPS In Progress Rejected

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the expenditure
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXPENDITURE_STATUS_CODE	NOT NULL	VARCHAR2(30)	The status of the expenditure as it is entered and approved
EXPENDITURE_ENDING_DATE	NOT NULL	DATE	The last day of the expenditure week period. All expenditure items for the expenditure must be on or before this expenditure ending date. All timecard items must be within this expenditure ending date period
EXPENDITURE_CLASS_CODE	NOT NULL	VARCHAR2(2)	The classification of the expenditure, indicating the type of items grouped into it
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	The 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)	The 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 inv distribution may have different org
EXPENDITURE_GROUP	NULL	VARCHAR2(20)	The expenditure group to which expenditure belongs. This is only applicable for pre-approved expenditures. This column is blank for online expenditures
CONTROL_TOTAL_AMOUNT	NULL	NUMBER(22,5)	The user-entered control total of the expenditure items for the expenditure
ENTERED_BY_PERSON_ID	NULL	NUMBER(9)	The identifier of the person who entered the expenditure. This value is not populated for supplier invoice expenditures
DESCRIPTION	NULL	VARCHAR2(250)	The comment of the online expenditures
INITIAL_SUBMISSION_DATE	NULL	DATE	The date on which the online expenditure 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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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)	The expenditure id of the PA_EXPENDITURES 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_EXP_TXN_REFERENCE1	NULL	VARCHAR2(60)	Expenditure Identifier in external system(system reference) For Supplier invoices created in Oracle Payables, this holds the value of AP_INVOICESINVOICE_ID
ORIG_EXP_TXN_REFERENCE2	NULL	VARCHAR2(60)	Additional colum provided to group imported transactions into expenditures
ORIG_EXP_TXN_REFERENCE3	NULL	VARCHAR2(60)	Additional colum provided to group imported transactions into expenditures
ORIG_USER_EXP_TXN_REFERENCE	NULL	VARCHAR2(60)	User reference for the expenditure 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 val
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

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*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURES_N1	NOT UNIQUE	1	INCURRED_BY_PERSON_ID
		2	EXPENDITURE_ENDING_DATE
PA_EXPENDITURES_N2	NOT UNIQUE	1	INCURRED_BY_ORGANIZATION_ID
PA_EXPENDITURES_N3	NOT UNIQUE	1	EXPENDITURE_GROUP
PA_EXPENDITURES_N4	NOT UNIQUE	1	EXPENDITURE_STATUS_CODE
PA_EXPENDITURES_N5	NOT UNIQUE	1	ENTERED_BY_PERSON_ID
PA_EXPENDITURES_N6	NOT UNIQUE	1	REQUEST_ID
PA_EXPENDITURES_N7	NOT UNIQUE	1	ATTRIBUTE1
PA_EXPENDITURES_U1	UNIQUE	1	EXPENDITURE_ID

*Sequences*

Sequence	Derived Column
PA_EXPENDITURES_S	EXPENDITURE_ID

## PA\_EXPENDITURE\_BATCHES\_ALL

PA\_EXPENDITURE\_BATCHES\_ALL stores groups of expense reports. The Distribute Expense Reports process creates a batch for all expenditures that it processes in a run. Oracle Projects transfers the entire batch of expense reports to Oracle Payables so that all the expenditures in a batch are transferred together. All batches are automatically created as 'RELEASED'.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_BATCH_SOURCES	BATCH_SOURCE	BATCH_SOURCE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BATCH_STATUS_CODE	BATCH STATUS	PA_LOOKUPS
	RELEASED	Released
	TRANSFERRED	Transferred
	WORKING	Working

### Column Descriptions

Name	Null?	Type	Description
BATCH_NAME (PK)	NOT NULL	VARCHAR2(30)	The system-generated name that uniquely identifies the expenditure batch
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	NULL	NUMBER(15)	Standard Who Column
BATCH_STATUS_CODE	NOT NULL	VARCHAR2(30)	The status of the expenditure batch as it is created and approved for transfer
BATCH_DATE	NOT NULL	DATE	The date that the expenditure batch was created
BATCH_SOURCE	NOT NULL	VARCHAR2(20)	The source of the expenditure batch
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_BATCHES_N1	NOT UNIQUE	1	BATCH_DATE
PA_EXPENDITURE_BATCHES_N2	NOT UNIQUE	1	BATCH_STATUS_CODE
PA_EXPENDITURE_BATCHES_U1	UNIQUE	1	BATCH_NAME
		2	ORG_ID

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## PA\_EXPENDITURE\_CATEGORIES

PA\_EXPENDITURE\_CATEGORIES stores implementation-defined classifications of expenditure types into cost groups.

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_CATEGORY (PK)	NOT NULL	VARCHAR2(30)	Implementation-defined name that uniquely identifies the expenditure category
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 the expenditure category
DESCRIPTION	NULL	VARCHAR2(250)	Explanation of the expenditure category
END_DATE_ACTIVE	NULL	DATE	Last effective date of the expenditure category
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

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_CATEGORIES_U1	UNIQUE	1	EXPENDITURE_CATEGORY

## PA\_EXPENDITURE\_COMMENTS

PA\_EXPENDITURE\_COMMENTS stores text comments associated with expenditure items that describe the work performed for those items. Oracle Projects supports a single-line comment for expenditure items entered by either the pre-approved or the online method of expenditure entry.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the expenditure item for which the comments are entered
LINE_NUMBER (PK)	NOT NULL	NUMBER(15)	The sequential number to identify and order the expenditure comments of an expenditure 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
EXPENDITURE_COMMENT	NOT NULL	VARCHAR2(240)	The free text comment entered for an expenditure item to further describe work done
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

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_COMMENTS_U1	UNIQUE	1	EXPENDITURE_ITEM_ID
		2	LINE_NUMBER

## PA\_EXPENDITURE\_COST\_RATES\_ALL

PA\_EXPENDITURE\_COST\_RATES\_ALL stores cost rates of non-labor expenditure types defined with COST\_RATE\_FLAG set to 'Y'.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The non-labor expenditure type for which the cost rate is entered
START_DATE_ACTIVE (PK)	NOT NULL	DATE	First effective date of the expenditure cost rate
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
COST_RATE	NOT NULL	NUMBER(22,5)	The cost rate used to determine a non-labor item's raw cost. Raw cost = cost rate * quantity
END_DATE_ACTIVE	NULL	DATE	Last effective date of the expenditure cost rate
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_COST_RATES_U1	UNIQUE	1	EXPENDITURE_TYPE
		2	START_DATE_ACTIVE
		3	ORG_ID

## PA\_EXPENDITURE\_GROUPS\_ALL

PA\_EXPENDITURE\_GROUPS\_ALL stores groups or batches of pre-approved expenditures entered by a user. Oracle Projects creates expenditure groups for supplier invoices transferred from Oracle Payables. These expenditure groups have a status of 'RECEIVED'.

### Foreign Keys

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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXPENDITURE_GROUP_STATUS_CODE	EXPENDITURE GROUP STATUS RECEIVED RELEASED SUBMITTED WORKING	PA_LOOKUPS Received from foreign system Released Submitted Working

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_GROUP (PK)	NOT NULL	VARCHAR2(20)	The user-defined name that uniquely identifies the expenditure 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
EXPENDITURE_GROUP_STATUS_CODE	NOT NULL	VARCHAR2(30)	The status of the expenditure group as it is entered, approved, and released for costing
EXPENDITURE_ENDING_DATE	NOT NULL	DATE	The last day of the expenditure week period.
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(30)	The classification of the expenditure group that indicates what type of charges are entered for the group. All expenditure items entered for the group have an expenditure type defined with the same system linkage as the group system linkage
CONTROL_COUNT	NULL	VARCHAR2(20)	The user-entered control count of the expenditures for the expenditure group
CONTROL_TOTAL_AMOUNT	NULL	NUMBER(22,5)	The user-entered control total of the expenditures for the expenditure group
DESCRIPTION	NULL	VARCHAR2(250)	The description of the expenditure group. Upon entry of the expenditure group, the description is defaulted to the type of expenditures entered (Timecards, Expense Reports, and Usages)
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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 (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_GROUPS_U1	UNIQUE	1	EXPENDITURE_GROUP
		2	ORG_ID

Sequences

Sequence	Derived Column
PA_EXPENDITURE_GROUPS_S	EXPENDITURE_GROUP

## PA\_EXPENDITURE\_HISTORY

PA\_EXPENDITURE\_HISTORY is normalized representation of PA\_EI\_DENORM, primarily used for storing audit information for timecards created via Oracle Self-Service Time. Please refer to the original tables (PA\_EXPENDITURES\_ALL and PA\_EXPENDITURE\_ITEMS\_ALL) for a detailed description of the columns.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUDIT_TYPE_CODE	PA_SST_AUDIT_TYPE	PA_LOOKUPS
	CHANGE	Change
	CHANGE-CURRENT	Change-Current
	CHANGE-HISTORY	Change-History
	DELETION	Deletion
	LATE ENTRY	Late Entry
CHANGE_CODE	REVERSAL	Reversal
	PA_SST_CHANGE_REASON	PA_LOOKUPS
LATE_ENTRY_CODE	NONE	User defined
	PA_SST_LATE_ENTRY_REASON	PA_LOOKUPS
	NONE	User defined

### Column Descriptions

Name	Null?	Type	Description
INCURRED_BY_PERSON_ID	NOT NULL	NUMBER(9)	
EXPENDITURE_ID	NOT NULL	NUMBER(15)	
DENORM_ID	NOT NULL	NUMBER(15)	
PROJECT_ID	NOT NULL	NUMBER(15)	
TASK_ID	NOT NULL	NUMBER(15)	
EXPENDITURE_CLASS_CODE	NOT NULL	VARCHAR2(30)	
EXPENDITURE_SOURCE_CODE	NOT NULL	VARCHAR2(30)	
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(3)	
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	
QUANTITY	NOT NULL	NUMBER(22,5)	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
EXPENDITURE_ITEM_COMMENT	NULL	VARCHAR2(240)	
ADJUSTED_EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	
CHANGE_CODE	NULL	VARCHAR2(30)	Change Reason for audit purposes
CREATION_DATE	NOT NULL	DATE	

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Column Descriptions (Continued)

Name	Null?	Type	Description
CREATED_BY	NOT NULL	NUMBER(15)	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	
AUDIT_TYPE_CODE	NULL	VARCHAR2(30)	The type of audit record.
LATE_ENTRY_CODE	NULL	VARCHAR2(30)	The late entry code specified for the audit record, if any.
REASON_COMMENT	NULL	VARCHAR2(80)	The audit comment specified for the audit record, if any.
AUDIT_ORDER	NULL	NUMBER	Order in which this item was audited. Only populated for Self Service Time.

Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_HISTORY_N1	NOT UNIQUE	2	INCURRED_BY_PERSON_ID
		4	EXPENDITURE_ID
		6	DENORM_ID
PA_EXPENDITURE_HISTORY_N2	NOT UNIQUE	2	INCURRED_BY_PERSON_ID
		4	PROJECT_ID
		6	TASK_ID
PA_EXPENDITURE_HISTORY_N3	NOT UNIQUE	2	INCURRED_BY_PERSON_ID
		4	EXPENDITURE_TYPE
PA_EXPENDITURE_HISTORY_N4	NOT UNIQUE	2	INCURRED_BY_PERSON_ID
		4	EXPENDITURE_ITEM_DATE

Sequences

Sequence	Derived Column
PA_EXPENDITURE_HISTORY_S	AUDIT_ORDER

## PA\_EXPENDITURE\_ITEMS\_ALL

PA\_EXPENDITURE\_ITEMS\_ALL stores the smallest categorized expenditure units charged to projects and tasks.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	RECEIPT_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	DENOM_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	ACCT_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PROJECT_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	DENOM_TP_CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	ACCT_RATE_TYPE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	PROJECT_RATE_TYPE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	ACCT_TP_RATE_TYPE
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	CC_PRVDR_ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	CC_RECVR_ORGANIZATION_ID
PA_COST_DISTRIBUTION_LINES_ALL	BURDEN_SUM_SOURCE_RUN_ID	BURDEN_SUM_DEST_RUN_ID
PA_EVENTS	TASK_ID	EVENT_TASK_ID
	EVENT_NUM	EVENT_NUM
	PROJECT_ID	PROJECT_ID
PA_EXPENDITURES_ALL	EXPENDITURE_ID	EXPENDITURE_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	ADJUSTED_EXPENDITURE_ITEM_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	TRANSFERRED_FROM_EXP_ITEM_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	SOURCE_EXPENDITURE_ITEM_ID
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	COST_IND_COMPILED_SET_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	REV_IND_COMPILED_SET_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	INV_IND_COMPILED_SET_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	TP_IND_COMPILED_SET_ID
PA_IND_COMPILED_SETS	IND_COMPILED_SET_ID	TP_IND_COMPILED_SET_ID
PA_LABOR_COST_MULTIPLIERS	LABOR_COST_MULTIPLIER_NAME	LABOR_COST_MULTIPLIER_NAME
PA_NON_LABOR_RESOURCE_ORGS	NON_LABOR_RESOURCE ORGANIZATION_ID	NON_LABOR_RESOURCE ORGANIZATION_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_SYSTEM_LINKAGES	FUNCTION	SYSTEM_LINKAGE_FUNCTION
PA_TASKS	TASK_ID	TASK_ID
PA_TRANSACTION_SOURCES	TRANSACTION_SOURCE	TRANSACTION_SOURCE
PER_JOBS	JOB_ID	BILL_JOB_ID
PER_JOBS	JOB_ID	JOB_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BILL_HOLD_FLAG	BILLING HOLD	PA_LOOKUPS
	N	No
	O	Once
	Y	Yes
CC_BL_DISTRIBUTED_CODE	CC_PROCESSED_CODE	PA_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	B	The expenditure item is billed but not invoiced
	N	Not Processed
	X	Never Processed
	Y	Processed
CC_CROSS_CHARGE_CODE	CC_CROSS_CHARGE_CODE	PA_LOOKUPS
	B	Borrowed and Lent
	I	Intercompany Billing
	N	No Cross Charge Processing
	P	Pending
	X	Not Applicable
CC_CROSS_CHARGE_TYPE	CC_CROSS_CHARGE_TYPE	PA_LOOKUPS
	IC	Intercompany
	IO	Intra-Operating Unit
	IU	Inter-Operating Unit
	NO	Not Cross Charged
CC_IC_PROCESSED_CODE	CC_PROCESSED_CODE	PA_LOOKUPS
	B	The expenditure item is billed but not invoiced
	N	Not Processed
	X	Never Processed
	Y	Processed
CC_MARKUP_BASE_CODE	CC_MARKUP_BASE_CODE	PA_LOOKUPS
	B	Burdened Cost
	C	Raw Cost
	R	Potential Revenue
CC_REJECTION_CODE	CC_REJECTION_CODE	PA_LOOKUPS
	IC_PROV_COST_AA_ERROR	Provider reclass account error
	IC_REV_AA_ERROR	InterCompany Revenue account error
	NO_BILL_RATE	No bill rate could be determined for the transaction
	NO_CC_SCHEDULE_LINE	Transfer Price Schedule Line not found for InterCompany trans
	NO_CC_SET_ON_TASK	Transfer Price Schedule not defined
	ORG_CLIENT_EXTN_ERRO	Organization Client Extn Error
	PA_CC_TP_BASE_CURR_AMT_NULL	Base currency or base amount does not have a value
	PA_CC_TP_BURDN_COST_NULL	Transfer Price is not calculated as burden cost is null
	PA_CC_TP_CONVERT_AMT	Error occurred in currency conversion.
	PA_CC_TP_CONV_DENOM_CURR_NULL	Cannot make adjustments as rate type or rate date is null
	PA_CC_TP_CURR_CONVERSION_ATTR	Not enough currency conversion attributes
	PA_CC_TP_DENOM_CURR_NULL	Transfer Price not calculated as transaction currency is null
	PA_CC_TP_ERROR_BURDEN_CALC	Error occurred while recalculating the burden cost

Column	QuickCodes Type	QuickCodes Table
	PA_CC_TP_ERROR_BURDEN_RATE	Application error occurred in applying burden rate schedule
	PA_CC_TP_INVALID_BASE_CODE	Selection in basis field of transfer price rule is invalid
	PA_CC_TP_INVALID_REV_FLAG	Transfer Price not calculated as revenue is not distributed
	PA_CC_TP_NO_SCHEDULE_LINE	No schedule line found for provider and receiver combinations
	PA_CC_TP_NO_SCH_LINE_FOR_ID	No line in the schedule line table for the given id.
	PA_CC_TP_OVERRIDE_APP_ERROR	Error in extension to override currency conversion attributes
	PA_CC_TP_OVERRIDE_ORA_ERROR	Exceptions in extension to override conversion attributes
	PA_CC_TP_POSC_APPS_ERROR	Application error returned by Post-client extension
	PA_CC_TP_POSC_BILL_MRKUP_NULL	Post-client extension returned null for bill rate,markup
	PA_CC_TP_POSC_BILL_MRKUP_VALUE	Post-client extension returned values for bill rate,markup.
	PA_CC_TP_POSC_CURR_NULL	Post-client extension returned null currency code
	PA_CC_TP_POSC_TP_NULL	Post-client extension has nullified the transfer price amount
	PA_CC_TP_PREC_APPS_ERROR	Application error occurred in Pre-client extension
	PA_CC_TP_PREC_BILL_MRKUP_NULL	Pre-client extension returned null for both bill rate,markup
	PA_CC_TP_PREC_BILL_MRKUP_VALUE	Pre-client extension returned values for bill rate and markup
	PA_CC_TP_PREC_CURR_NULL	Pre-Client extension returned null currency
	PA_CC_TP_PROJ_CURR_NULL	Transfer Price is not calculated as project currency is null
	PA_CC_TP_RAW_COST_NULL	Transfer Price is not calculated as Raw Cost field is null
	PA_CC_TP_REV_AMT_NULL	Transfer Price is not calculated as potential revenue is null
	RECVR_COST_CR_AA_ERROR	Error in receiver cost credit account
	RECVR_COST_DR_AA_ERROR	Error in receiver cost debit account
	RECVR_MARKUP_CR_AA_ERROR	Error in receiver markup credit account
	RECVR_MARKUP_DR_AA_ERROR	Error in receiver markup debit account
	TP_CLIENT_EXTN_ERROR	Transfer Price Client Extn Error

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
COST_DIST_REJECTION_CODE	COST DIST REJECTION CODE	PA_LOOKUPS
	AA_FAIL	Incomplete AutoAccounting Rules
	AA_NULL_CCID	AutoAccounting error: null ccid
	ADD_TRANSACTIONS_EXT_FAIL	Add Transactions Extension Error
	CALC_RAW_COST_EXT_FAIL	Calculate Raw Cost Extension Error
	DUP_RATE	Conflicting employee compensation info
	GET_INDIRECT_COST_FAIL	Can not calculate burden cost
	INV_DATA	Missing data on expenditure item
	KEY_FLEX_FAIL	Invalid Accounting Flexfield
	NO_ACTIVE_COMPILED_SET	Can not find active compiled set
	NO_COMPLIED_MULTIPLIER	Can not find compiled multiplier
	NO_COST_PLUS_STRUCTURE	Can not find burden structure
	NO_IND_RATE_SCH_REVISION	Can not find burden schedule revision
	NO_ORGANIZATION	Can not find the organization used to calculate burden cost
	NO_PA_DATE	No open Project Accounting period
	NO_RATE	Missing Cost Rate
	SOURCE_ITEM_RAW_COST_NULL	Raw cost of the source item is not calculated yet
IND_COST_DIST_REJECTION_CODE	IND COST DIST REJECTION CODE	PA_LOOKUPS
	AA_FAIL	Incomplete AutoAccounting Rule
	GET INDIRECT COST FAILED	Can not calculate burden cost
	KEY_FLEX_FAIL	Invalid Accounting Flexfield
	NO ACTIVE COMPILED SET	Can not find active compiled set
	NO COMPLIED MULTIPLIER	Can not find compiled multiplier
	NO COST BASE	Can not find cost base
	NO COST PLUS STRUCTURE	Can not find burden structure
	NO IND RATE SCH REVISION	Can not find burden rate schedule revision
REVENUE_DISTRIBUTED_FLAG	NO ORGANIZATION	Can not find the organization used to calculate indirect cot
	NO_PA_DATE	No open Project Accounting period
	REVENUE DISTRIBUTED FLAG	PA_LOOKUPS
	N	No
REV_DIST_REJECTION_CODE	P	Partial
	Y	Yes
REV_DIST_REJECTION_CODE	REVENUE DIST REJECTION CODE	PA_LOOKUPS
	AA_FAIL	AutoAccounting Error

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	ABNORMAL TERMINATION	Abnormal termination
	BAD DR LINE NUMBER	Bad Draft Revenue Item Line Number
	CALC_BILL_AMOUNT_EXT_FAIL	Bill Amount Extension Error
	CUSTOMER ON CREDIT HOLD	Customer is on credit hold
	HARD LIMIT	Hard Limit
	KEY_FLEX_FAIL	Invalid Accounting Flexfield
	NO ACTIVE CUSTOMER	No Active Customer
	NO AGREEMENT	No agreement exists for this customer
	NO COST-COST REVENUE	No more cost-to-cost revenue to accrue
	NO FUNDING	No Funding
	NO LABOR BILL RATE	No Labor Bill Rate
	NO NON-LABOR MARKUP	No Non-Labor Bill Rate
	NO PA_DATE	No PA Date
	NULL_CCID	AutoAccounting error: null ccid
	ZERO TOTAL COST	Cannot allocate revenue to items, because total burden cost

Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the expenditure 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
EXPENDITURE_ID	NOT NULL	NUMBER(15)	The identifier of the expenditure to which the expenditure item belongs
TASK_ID	NOT NULL	NUMBER(15)	The identifier of the task to which the expenditure item is charged
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	The date on which the work occurred
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	The expenditure type that classifies the type of work performed
COST_DISTRIBUTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the item has been cost distributed. When 'N' the item is marked for cost distribution. When the item is cost distributed, the flag is set to 'Y'.
REVENUE_DISTRIBUTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the item is revenue distributed. Upon entry, this flag is set to 'N'. When the item is revenue distributed, the flag is set to 'Y' or 'P'
BILLABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the item can accrue revenue. Upon entry, this flag is defaulted from the task to which the item is charged, or is based on transaction controls.

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Column Descriptions (Continued)

Name	Null?	Type	Description
BILL_HOLD_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the item is held from invoicing. Upon entry, this flag is defaulted to 'N'.
QUANTITY	NULL	NUMBER(22,5)	The number of units of the work performed
NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	The non-labor resource utilized as the work was performed. This column is only populated for usage items
ORGANIZATION_ID	NULL	NUMBER(15)	The identifier of the organization that owns the non-labor resource that was utilized as the work was performed. This column is only populated for usage items
OVERRIDE_TO_ORGANIZATION_ID	NULL	NUMBER(15)	The 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 expenditure organization entered in Oracle Payables
RAW_COST	NULL	NUMBER(22,5)	Raw cost in project Currency
RAW_COST_RATE	NULL	NUMBER(22,5)	The raw cost rate used to cost the item
BURDEN_COST	NULL	NUMBER(22,5)	The burden cost in project currency
BURDEN_COST_RATE	NULL	NUMBER(22,5)	The burdened cost rate of the item. Burdened cost rate = (burden cost / quantity).
COST_DIST_REJECTION_CODE	NULL	VARCHAR2(30)	The reason why the expenditure item was rejected during cost distribution
LABOR_COST_MULTIPLIER_NAME	NULL	VARCHAR2(20)	The labor cost multiplier specified for a premium labor expenditure item in order to determine the premium labor cost. Cost = (cost rate * quantity * LCM). This is populated by the timecard entry forms or the Overtime Calculation program
RAW_REVENUE	NULL	NUMBER(22,5)	The potential revenue of the item. With T&M revenue accrual, raw revenue = (quantity * bill rate) or (raw cost * (markup/100) or (raw cost * labor multiplier). With COST revenue accrual, raw revenue = item's portion of the total revenue
BILL_RATE	NULL	NUMBER(22,5)	The bill rate for the expenditure item. This column is not populated if (1) a markup percentage or labor multiplier was used to calculate T&M revenue or (2) if revenue is accrued under a Cost/Cost or Cost/Event distribution rule

Column Descriptions (Continued)

Name	Null?	Type	Description
ACCRUED_REVENUE	NULL	NUMBER(22,5)	The total amount of revenue that the item accrued. This amount should always equal the sum of the revenue amount in the revenue distribution lines. This amount is different from raw revenue if the project hit a hard funding limit
ACCRUAL_RATE	NULL	NUMBER(22,5)	The rate based on the accrued revenue. $\text{Accrual rate} = (\text{accrued revenue} / \text{quantity})$ . This column is populated when the item is revenue distributed regardless of the project's distribution rule
ADJUSTED_REVENUE	NULL	NUMBER(22,5)	The discounted revenue amount of the item based on the bill rate schedule discount. $\text{Adjusted revenue} = (\text{raw revenue} * (100 - \text{schedule discount}) / 100)$
ADJUSTED_RATE	NULL	NUMBER(22,5)	The rate based on the adjusted revenue. $\text{Adjusted rate} = (\text{adjusted revenue} / \text{quantity})$
BILL_AMOUNT	NULL	NUMBER(22,5)	The amount to be billed for the item. This must always equal the sum of the bill amount on the revenue distribution lines. This amount may differ from the revenue amount if using Cost/Work or if the project hit hard funding limit.
FORECAST_REVENUE	NULL	NUMBER(22,5)	The forecast revenue amount of a labor item based on T&M bill rates and markups and labor multipliers. This column is populated by the Compute Forecast Revenue process. Once the item is revenue distributed, this column is cleared
BILL_RATE_MULTIPLIER	NULL	NUMBER(22,5)	The multiplier that can be used to determine an item's raw revenue with T&M bill rate accrual. This multiplier is populated by custom scripts or the OT Calculation program. $\text{Raw revenue} = (\text{quantity} * \text{bill rate} * \text{bill rate multiplier})$ .
REV_DIST_REJECTION_CODE	NULL	VARCHAR2(30)	The reason why the expenditure item was rejected during revenue distribution
EVENT_NUM	NULL	NUMBER(15)	The event number of the payment schedule event that fifo (first in - first out) marks the expenditure item as invoiced for an event billing project
EVENT_TASK_ID	NULL	NUMBER(15)	The identifier of the event task that fifo (first in - first out) marks the expenditure item as invoiced for an event billing project
BILL_JOB_ID	NULL	NUMBER(15)	The identifier of the effective job used when invoicing a labor item as of the last time the expenditure item was invoiced

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Column Descriptions (Continued)

Name	Null?	Type	Description
BILL_JOB_BILLING_TITLE	NULL	VARCHAR2(80)	The effective job billing title for the labor expenditure item as of the last time the expenditure item was invoiced
BILL_EMPLOYEE_BILLING_TITLE	NULL	VARCHAR2(80)	The effective employee billing title for the labor expenditure item as of the last time the expenditure item was invoiced
ADJUSTED_EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	The identifier of the expenditure item adjusted by this expenditure 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
TRANSFERRED_FROM_EXP_ITEM_ID	NULL	NUMBER(15)	The identifier of the expenditure item from which this expenditure item originated. This expenditure item is the new item that is system created when an item is transferred and is charged to the new project/task
CONVERTED_FLAG	NULL	VARCHAR2(1)	Flag set to 'Y' if the item is converted. If the item is converted, no adjustments to the item's revenue or cost are allowed. Adjustments allowed are 'Edit Comments', 'Bill Hold', 'One-Time Billing Hold', and 'Release Bill Hold'
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column
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 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
COST_IND_COMPILED_SET_ID	NULL	NUMBER(15)	The identifier of the compiled set that is used to calculate the cost amount of the expenditure item

Column Descriptions (Continued)

Name	Null?	Type	Description
REV_IND_COMPILED_SET_ID	NULL	NUMBER(15)	The identifier of the compiled set that is used to calculate the revenue amount of the expenditure item
INV_IND_COMPILED_SET_ID	NULL	NUMBER(15)	The identifier of the compiled set that is used to calculate the billing amount of the expenditure item
COST_BURDEN_DISTRIBUTED_FLAG	NULL	VARCHAR2(1)	Flag indicates whether the expenditure item is burden distributed
IND_COST_DIST_REJECTION_CODE	NULL	VARCHAR2(30)	The reason why the expenditure item was rejected during total burden distribution
ORIG_TRANSACTION_REFERENCE	NULL	VARCHAR2(30)	Only populated for expenditure items created from transactions imported into PA from an external system. The TRANSACTION_SOURCE and ORIG_TRANSACTION_REFERENCE columns together identify the expenditure item created after import.
TRANSACTION_SOURCE	NULL	VARCHAR2(30)	Only populated for expenditure items created from transactions imported into PA from an external system; used by PA's expenditure 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 expenditure item is FIFO marked by
SOURCE_EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	Only populated for related items created in PA's Labor Extensions. This number is the identifier of the source expenditure item to which this item is related
JOB_ID	NULL	NUMBER(15)	The identifier of the job of an employee as of the expenditure 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)	The system linkage that classifies the expenditure type in order to drive system processing for the items classified by the expenditure type
BURDEN_SUM_DEST_RUN_ID	NULL	NUMBER(15)	Burden summarization run id. Id will identify all the expenditure items created by burden component summarization process. This is used to identify all the Cost distribution lines summarized together to create expenditure item

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Column Descriptions (Continued)

Name	Null?	Type	Description
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	Receipt currency amount of the transaction
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	Receipt currency code of the transaction
RECEIPT_EXCHANGE_RATE	NULL	NUMBER	Receipt exchange rate for the transaction
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction Currency code of the transaction
DENOM_RAW_COST	NULL	NUMBER	The total raw cost of the expenditure item in transaction currency Raw cost = (quantity * cost rate) This value should always equal the sum of the items raw cost distribution lines
DENOM_BURDENED_COST	NULL	NUMBER	Total burdened cost of the expenditure item in transaction currency Burdened cost = (raw cost * (1 + burden cost multiplier)) This must equal the sum of the items burden debit cost distribution lines For non-burdened items, burdened cost = raw cost
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_RAW_COST	NULL	NUMBER	Raw cost in Functional Currency
ACCT_BURDENED_COST	NULL	NUMBER	Burdened Cost in Functional Currency
ACCT_EXCHANGE_ROUNDING_LIMIT	NULL	NUMBER	Rounding limit for imported transaction
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project Currency Code of the Transaction
PROJECT_RATE_DATE	NULL	DATE	Project Rate date for the Transaction
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Project Rate Type for the Transaction
PROJECT_EXCHANGE_RATE	NULL	NUMBER	Project Exchange Rate for Transaction
DENORM_ID	NULL	NUMBER(15)	
CC_CROSS_CHARGE_CODE	NOT NULL	VARCHAR2(1)	Indicates the method of cross charge processing that will be or has been performed on an Expenditure Item.
CC_PRVDR_ORGANIZATION_ID	NULL	NUMBER	Identifier of the provider organization. This may be different than the expenditure organization or the non-labor resource organization, if it is overridden by the client extension to derive provider organization

Column Descriptions (Continued)

Name	Null?	Type	Description
CC_RECVR_ORGANIZATION_ID	NULL	NUMBER	Identifier of the receiver organization. This may be different than the project organization, if it is overridden by the client extension to derive receiver organization
CC_REJECTION_CODE	NULL	VARCHAR2(30)	Code indicating rejection reason encountered while processing cross charge
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
ACCT_TP_RATE_TYPE	NULL	VARCHAR2(30)	Rate type used to convert the transfer price from the transaction currency to the functional currency. Defaulted from the implementation options currency conversion attributes for transfer price
ACCT_TP_RATE_DATE	NULL	DATE	Rate date used to convert the transfer price from the transaction currency to the functional currency.
ACCT_TP_EXCHANGE_RATE	NULL	NUMBER	Exchange rate used to convert the transfer price from the transaction currency to the provider functional currency
ACCT_TRANSFER_PRICE	NULL	NUMBER	Transfer price in functional currency of the provider operating unit
PROJACCT_TRANSFER_PRICE	NULL	NUMBER	Transfer price in the functional currency of cross charged project (receiver operating unit)
CC_MARKUP_BASE_CODE	NULL	VARCHAR2(1)	Audit column.to help derive how transfer price was calculated. Basis used to calculate the transfer price.
TP_BASE_AMOUNT	NULL	NUMBER	Audit column. Base amount used to derive the transfer price, held in transfer price transaction currency
CC_CROSS_CHARGE_TYPE	NULL	VARCHAR2(2)	Cross Charge Type
RECVR_ORG_ID	NULL	NUMBER	Receiver Operating Unit Identifier
CC_BL_DISTRIBUTED_CODE	NOT NULL	VARCHAR2(1)	Indicates the processing status of the Expenditure Item by the Distribute Borrowed and Lent Accounts process
CC_IC_PROCESSED_CODE	NOT NULL	VARCHAR2(1)	Indicates the processing status of the Expenditure Item by the Generate Intercompany Invoice process
TP_IND_COMPILED_SET_ID	NULL	NUMBER	Identifier of the compiled set used to calculate the Transfer Price using a burden schedule
TP_BILL_RATE	NULL	NUMBER	Audit column. Bill rate used in deriving the transfer price if the transfer price was based on a rate defined in a bill rate schedule

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Column Descriptions (Continued)

Name	Null?	Type	Description
TP_BILL_MARKUP_PERCENTAGE	NULL	NUMBER	Audit column. Percentage used in deriving the transfer price if the transfer price was based on a markup in bill rate schedule
TP_SCHEDULE_LINE_PERCENTAGE	NULL	NUMBER	Audit column. Percentage applied to the calculated transfer price from the schedule line
TP_RULE_PERCENTAGE	NULL	NUMBER	Audit column. Percentage applied to the calculated transfer price from the rule definition
CC_PRVDR_COST_RECLASS_CODE	NULL	VARCHAR2(1)	Indicates if the cost for the expenditure item is reclassified for intercompany billing
CRL_ASSET_CREATION_STATUS_CODE	NULL	VARCHAR2(1)	For future use
CRL_ASSET_CREATION_REJ_CODE	NULL	VARCHAR2(30)	For future use

Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURES_ITEMS_N18	NOT UNIQUE	1	BURDEN_SUM_DEST_RUN_ID
PA_EXPENDITURE_ITEMS_N1	NOT UNIQUE	1	EXPENDITURE_ID
		2	EXPENDITURE_ITEM_DATE
PA_EXPENDITURE_ITEMS_N10	NOT UNIQUE	1	TRANSACTION_SOURCE
		2	ORIG_TRANSACTION_REFERENCE
PA_EXPENDITURE_ITEMS_N11	NOT UNIQUE	1	COST_IND_COMPILED_SET_ID
PA_EXPENDITURE_ITEMS_N12	NOT UNIQUE	1	REV_IND_COMPILED_SET_ID
PA_EXPENDITURE_ITEMS_N13	NOT UNIQUE	1	INV_IND_COMPILED_SET_ID
PA_EXPENDITURE_ITEMS_N14	NOT UNIQUE	1	SOURCE_EXPENDITURE_ITEM_ID
PA_EXPENDITURE_ITEMS_N15	NOT UNIQUE	1	COST_BURDEN_DISTRIBUTED_FLAG
PA_EXPENDITURE_ITEMS_N16	NOT UNIQUE	1	REQUEST_ID
		2	COST_DISTRIBUTED_FLAG
PA_EXPENDITURE_ITEMS_N17	NOT UNIQUE	1	TASK_ID
		2	REVENUE_DISTRIBUTED_FLAG
PA_EXPENDITURE_ITEMS_N18	NOT UNIQUE	1	EXPENDITURE_TYPE
		2	SYSTEM_LINKAGE_FUNCTION
PA_EXPENDITURE_ITEMS_N19	NOT UNIQUE	2	DENORM_ID
PA_EXPENDITURE_ITEMS_N2	NOT UNIQUE	1	TASK_ID
		2	BILL_HOLD_FLAG
PA_EXPENDITURE_ITEMS_N20	NOT UNIQUE	1	CC_BL_DISTRIBUTED_CODE
PA_EXPENDITURE_ITEMS_N21	NOT UNIQUE	2	CC_CROSS_CHARGE_CODE
PA_EXPENDITURE_ITEMS_N22	NOT UNIQUE	2	RECVR_ORG_ID
		4	CC_IC_PROCESSED_CODE
		6	CC_CROSS_CHARGE_CODE
		8	EXPENDITURE_ITEM_DATE
		10	TASK_ID
PA_EXPENDITURE_ITEMS_N23	NOT UNIQUE	5	TP_IND_COMPILED_SET_ID
PA_EXPENDITURE_ITEMS_N3	NOT UNIQUE	1	COST_DISTRIBUTED_FLAG
PA_EXPENDITURE_ITEMS_N4	NOT UNIQUE	1	REVENUE_DISTRIBUTED_FLAG
PA_EXPENDITURE_ITEMS_N5	NOT UNIQUE	1	ADJUSTED_EXPENDITURE_ITEM_ID
PA_EXPENDITURE_ITEMS_N6	NOT UNIQUE	1	TRANSFERRED_FROM_EXP_ITEM_ID
PA_EXPENDITURE_ITEMS_N7	NOT UNIQUE	1	REQUEST_ID
		2	REVENUE_DISTRIBUTED_FLAG
PA_EXPENDITURE_ITEMS_N8	NOT UNIQUE	1	PROJECT_ID
		2	EVENT_NUM
		3	EVENT_TASK_ID
PA_EXPENDITURE_ITEMS_N9	NOT UNIQUE	1	TASK_ID
		2	EXPENDITURE_ITEM_DATE

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_ITEMS_U1	UNIQUE	1	EXPENDITURE_ITEM_ID

Sequences

Sequence	Derived Column
PA_EXPENDITURE_ITEMS_S	EXPENDITURE_ITEM_ID

Database Triggers

Trigger Name : PA\_MRC\_EXP\_ITEMS\_ALL\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update or delete statement on the table PA\_EXPENDITURE\_ITEMS\_ALL. For each record being inserted/updated/deleted in PA\_EXPENDITURE\_ITEMS\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_EXP\_ITEMS\_ALL.



## PA\_EXPENDITURE\_TYPES

PA\_EXPENDITURE\_TYPES stores the most detailed implementation-defined classifications of expenditures charged to projects and tasks.

### Foreign Keys

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

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REVENUE_CATEGORY_CODE	REVENUE CATEGORY	PA_LOOKUPS
UNIT_OF_MEASURE	UNIT	PA_LOOKUPS
	DOLLARS	Dollars
	HOURS	Hours

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The expenditure for which the alias is created
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
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	The expenditure category that classifies the expenditure type into a cost group
REVENUE_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	The revenue category that classifies the expenditure type into a revenue group
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(30)	The expenditure type class for which this alias is created
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(30)	The unit by which to measure amounts entered for the expenditure type
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the expenditure type
COST_RATE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether a cost rate is required for the non-labor expenditure type
END_DATE_ACTIVE	NULL	DATE	Last effective date of the expenditure type
DESCRIPTION	NULL	VARCHAR2(250)	The description of the expenditure type
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Context Field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment

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# Column Descriptions (Continued)

Name	Null?	Type	Description
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
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

## Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_TYPES_N1	NOT UNIQUE	1	SYSTEM_LINKAGE_FUNCTION
PA_EXPENDITURE_TYPES_N2	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_EXPENDITURE_TYPES_U1	UNIQUE	1	EXPENDITURE_TYPE

## Database Triggers

Trigger Name : PA\_ADW\_EXPENDITURE\_TYPES\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to EXPENDITURE\_CATEGORY, REVENUE\_CATEGORY\_CODE, UNIT\_OF\_MEASURE and DESCRIPTION columns

## PA\_EXPENDITURE\_TYPE\_OUS\_ALL

This table contains operating unit specific tax code for expenditure type. Records in this entity is populated manually everytime the user enters the expenditure types screen.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_VAT_TAX_ALL_B	VAT_TAX_ID	OUTPUT_VAT_TAX_ID
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_IMPLEMENTATIONS_ALL	ORG_ID	ORG_ID

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	The implementation defined name that uniquely identified the expenditure type
OUTPUT_VAT_TAX_ID	NULL	NUMBER	Indicates the vat tax id to be used for Customer Invoices
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard who column
ORG_ID	NULL	NUMBER	Operating unit identifier for multi organization installation

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_TYPE_OUS_ALL_U1	UNIQUE	2	EXPENDITURE_TYPE
		4	ORG_ID

## PA\_EXPEND\_ALIASES

This table stores the aliases which is used by an employee for quick entry of timecards and expense reports.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID	NOT NULL	NUMBER(15)	The person id of the user for whom the alias is created
ALIAS	NOT NULL	VARCHAR2(20)	The user defined alias
HOT_KEY_FLAG	NOT NULL	VARCHAR2(1)	This column is obsolete
SHARED_FLAG	NOT NULL	VARCHAR2(1)	This flag indicates if the alias is shared.
PROJECT_ID	NULL	NUMBER(15)	Project Id of the project for which this alias is created
TASK_ID	NULL	NUMBER(15)	Task Id of the task for which this alias is created
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type for which this alias is created
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(3)	Expenditure type class for which this alias is created
COMMENTS	NULL	VARCHAR2(240)	Comments for the alias
BTN_NUMBER	NULL	NUMBER(5)	This column is obsolete.
BTN_TEXT	NULL	VARCHAR2(7)	This column is obsolete.
BTN_COLOR	NULL	VARCHAR2(10)	This column is obsolete.
BTN_VISUAL_ATTRIBUTE	NULL	VARCHAR2(30)	This column is obsolete.
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	NULL	NUMBER(15)	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPEND_ALIASES_N1	NOT UNIQUE	2	PERSON_ID
		4	HOT_KEY_FLAG
PA_EXPEND_ALIASES_U1	UNIQUE	2	PERSON_ID
		4	ALIAS

## PA\_EXPEND\_COMMENT\_ALIASES

PA\_EXPEND\_COMMENT\_ALIASES stores personal aliases created by employees. These aliases correspond to free text expenditure comments. Employees can use these aliases to facilitate their entry of online timecards and expense reports.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPEND_ALIASES	PERSON_ID ALIAS	PERSON_ID EXPEND_COMMENT_ALIAS
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID (PK)	NOT NULL	NUMBER(9)	The identifier of the employee who creates and uses the expenditure comment alias
EXPEND_COMMENT_ALIAS (PK)	NOT NULL	VARCHAR2(20)	The user-defined short name to identify the expenditure comment alias
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
EXPENDITURE_COMMENT	NOT NULL	VARCHAR2(240)	The free text comment identified by the expenditure comment alias
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPEND_COMMENT_ALIASES_U1	UNIQUE	1	PERSON_ID
		2	EXPEND_COMMENT_ALIAS
PA_EXPEND_COMMENT_ALIASES_U2	UNIQUE	2	PERSON_ID
		4	EXPEND_COMMENT_ALIAS

## PA\_EXPEND\_ITEM\_ADJ\_ACTIVITIES

PA\_EXPEND\_ITEM\_ADJ\_ACTIVITIES stores audit records of actions chosen by users in any of the Oracle Projects expenditure adjustment windows that may cause adjustments to the cost, revenue, and/or invoice amounts of an expenditure item.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_USER	USER_ID	CREATED_BY
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCEPTION_ACTIVITY_CODE	EXCEPTION ACTIVITY	PA_LOOKUPS
	APPLY ACTUAL COST SCH REV	Apply Actual Cost Burden Schedule Revision
	APPLY ACTUAL INV SCH REV	Apply Actual Invoice Burden Schedule Revision
	APPLY ACTUAL REV SCH REV	Apply Actual Revenue Burden Schedule Revision
	APPLY_ACTUAL_TP_SCH_REV	Apply Actual Transfer Price Burden Schedule Revision
	BILLABLE RECLASS	Non-billable to billable
	BILLING HOLD	Billing hold
	BILLING HOLD RELEASE	Release billing hold
	CAPITALIZABLE RECLASS	Non-capitalizable to capitalizable
	COST AND REV RECALC	Recalculate cost and revenue
	DESTINATION PURGED	The transferred expenditure item of this item is purged.
	INDIRECT COST RECALC	Recalculate Burden Cost
	MANUAL BACK-OUT	Manual reversal
	MANUAL BACK-OUT ORIGINATING	Item manually reversed
	NEW COST RATE	New labor cost rate
	NEW COST SCHEDULE REVISION	A New Cost Burden Schedule Revision Is Created
	NEW EMPLOYEE BILL RATE	New project bill rate override
	NEW EMPLOYEE BILL RATE-PROJ	New Employee Bill Rate-Proj
	NEW EMPLOYEE BILL RATE-TASK	New task bill rate override
	NEW EXP COST RATE	New expenditure cost rate
	NEW INV SCHEDULE REVISION	A New Invoice Burden Schedule Revision Is Created
	NEW JOB BILL RATE	New Job Bill Rate
	NEW JOB BILL RATE-PROJ	New Job Bill Rate-Proj
	NEW JOB BILL RATE-TASK	New Job Bill Rate-Task
	NEW NON-LABOR BILL RATE	New Non-Labor Bill Rate
	NEW NON-LABOR BILL RATE-PROJ	New Non-Labor Bill Rate-Proj
	NEW NON-LABOR BILL RATE-TASK	New Non-Labor Bill Rate-Task
	NEW REV SCHEDULE REVISION	A New Revenue Burden Schedule Revision Is Created
	NEW_TP_SCHEDULE_REVISION	A New Transfer Price Burden Schedule Is Created
	NON-BILLABLE RECLASS	Billable to non-billable

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## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	NON-CAPITALIZABLE RECLASS	Capitalizable to non-capitalizable
	ONE-TIME BILLING HOLD	One-Time Hold
	RAW COST RECALC	Recalculate Raw Cost
	RELATED ITEM BACK-OUT	Related item reversal
	RELATED ITEM ORIGINATING	Related item reversed
	REVENUE RECALC	Recalculate revenue
	SOURCE PURGED	The original item of this expenditure item is purged.
	SPLIT BACK-OUT	Split reversal
	SPLIT DESTINATION	New item from an expenditure item split
	SPLIT ORIGINATING	Item split into two expenditure items
	TRANSFER BACK-OUT	Transfer reversal
	TRANSFER DESTINATION	Transfer from another project/task
	TRANSFER ORIGINATING	Item transferred to another project/task
	UPD CUST CONT / RESET REV DIST	Update Customer Contribution / Reset Revenue Distribution Fl
	UPDATE COST SCHEDULE REVISION	Cost Burden Schedule Revision Is Updated
	UPDATE INV SCHEDULE REVISION	Invoice Burden Schedule Revision Is Updated
	UPDATE REV SCHEDULE REVISION	Revenue Burden Schedule Revision Is Updated
	UPDATE_TP_SCHEDULE_REVISION	Transfer Price Burden Schedule Is Updated
MODULE_CODE	MODULE	PA_LOOKUPS
	PACOCRSR	Compile Burden Schedule Revision
	PAXEXSPL	Split Expenditure Items
	PAXINADI	Adjust Invoices
	PAXPREPR	Enter Projects
	PAXPRRPE	Adjust Project Expenditures
	PAXSUDBR	Define Bill Rate Schedule
	PAXSUECR	Define Expenditure Cost Rates
	PAXSUEHC	Enter Labor Cost Rates
	PAXTKETK	Enter Tasks

## Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the expenditure item for which the adjustment was made
ACTIVITY_DATE (PK)	NOT NULL	DATE	The date and time in which the adjustment activity was performed
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

*Column Descriptions (Continued)*

Name	Null?	Type	Description
EXCEPTION_ACTIVITY_CODE	NOT NULL	VARCHAR2(30)	The action that may cause a cost, revenue, or invoice adjustment for the expenditure item
MODULE_CODE	NOT NULL	VARCHAR2(30)	The module in which the adjustment activity was performed
DESCRIPTION	NULL	VARCHAR2(250)	Description of the expenditure item adjustment activity
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column
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

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_EXPEND_ITEM_ADJ_ACT_N1	NOT UNIQUE	1	EXPENDITURE_ITEM_ID
		2	ACTIVITY_DATE



## PA\_EXPEND\_TYP\_SYS\_LINKS

PA\_EXPEND\_TYP\_SYS\_LINKS stores implementation defined relationships between expenditure types and system linkages (expenditure type classes). It enables an expenditure type to be associated with a number of expenditure type classes. Expenditure type classes are system-defined categories used to classify Oracle Projects transactions to determine how an expenditure item will be processed.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
SYSTEM_LINKAGE_FUNCTION (PK)	NOT NULL	VARCHAR2(3)	The system linkage that classifies the expenditure type in order to drive expenditure processing for the items classified by the expenditure type
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The implementation-defined name of expenditure type
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
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the expenditure type/system linkage
END_DATE_ACTIVE	NULL	DATE	Last effective date of the expenditure type/system linkage function
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	NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPEND_TYP_SYS_LINKS_U1	UNIQUE	1	EXPENDITURE_TYPE
		2	SYSTEM_LINKAGE_FUNCTION

# PA\_EXP\_OVRRDE\_APPROVER\_V

This is a customizable view for the Self-Service Time application.

View Definition

```
CREATE VIEW PA_EXP_OVRRDE_APPROVER_V
as SELECT
    DISTINCT
        P.FULL_NAME
    ,
        P.PERSON_ID
    , P.EMPLOYEE_NUMBER
    ,
        P.LAST_NAME
    ,
        P.FIRST_NAME
    ,
        P.EMAIL_ADDRESS
FROM
    PER_PEOPLE_F P,
    PA_IMPLEMENTATIONS I,
    PER_ASSIGNMENT_STATUS_TYPES AST,
    PER_ASSIGNMENTS_F A
    Where TRUNC(SYSDATE) BETWEEN A.EFFECTIVE_START_DATE
        AND A.EFFECTIVE_END_DATE
        AND A.ASSIGNMENT_TYPE = 'E'
        AND A.ASSIGNMENT_STATUS_TYPE_ID = AST.ASSIGNMENT_STATUS_TYPE_ID
        AND AST.PER_SYSTEM_STATUS = 'ACTIVE_ASSIGN'
        AND A.PRIMARY_FLAG = 'Y'
        AND P.PERSON_ID = A.SUPERVISOR_ID
        AND P.CURRENT_EMPLOYEE_FLAG = 'Y'
        AND TRUNC(SYSDATE) BETWEEN P.EFFECTIVE_START_DATE
            AND P.EFFECTIVE_END_DATE
        AND I.BUSINESS_GROUP_ID = P.BUSINESS_GROUP_ID
        AND P.EMPLOYEE_NUMBER IS NOT NULL
```

Column Descriptions

Name	Null?	Type	Description
APPROVER_NAME	NULL	VARCHAR2(240)	Approver Name.
PERSON_ID	NOT NULL	NUMBER(10)	Approver Person Id.
EMPLOYEE_NUMBER	NULL	VARCHAR2(30)	Employee Number of the approver.
LAST_NAME	NOT NULL	VARCHAR2(40)	Last name of the approver.
FIRST_NAME	NULL	VARCHAR2(20)	First name of the approver.
EMAIL_ADDRESS	NULL	VARCHAR2(240)	Email address of the approver.

## PA\_FUNCTIONS

PA\_FUNCTIONS stores system-defined groupings of transactions for AutoAccounting processing. Oracle Projects provides all AutoAccounting functions upon installation.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_APPLICATION	APPLICATION_ID	APPLICATION_ID
FND_ID_FLEXS	ID_FLEX_CODE	ID_FLEX_CODE
	APPLICATION_ID	APPLICATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INTERNAL_PRODUCT_CODE	INTERNAL_PRODUCT_CODE	PA_LOOKUPS
	B	Billing
	C	Costing

### Column Descriptions

Name	Null?	Type	Description
APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the Oracle application that uses the function
FUNCTION_CODE (PK)	NOT NULL	VARCHAR2(15)	System-defined code that uniquely identifies the function within an application
FUNCTION_NAME	NOT NULL	VARCHAR2(50)	Short, user-friendly name that describes the function
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
ID_FLEX_CODE	NOT NULL	VARCHAR2(4)	The identifier of the key flexfield for which the function is used
DESCRIPTION	NULL	VARCHAR2(250)	Description of the function
INTERNAL_PRODUCT_CODE	NULL	VARCHAR2(1)	Identify the type of seed data (billing or costing)

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_FUNCTIONS_U1	UNIQUE	1	FUNCTION_CODE
		2	APPLICATION_ID
PA_FUNCTIONS_U2	UNIQUE	1	FUNCTION_NAME
		2	APPLICATION_ID

## PA\_FUNCTION\_PARAMETERS

PA\_FUNCTION\_PARAMETERS stores the parameters that can be referenced and used as input values by an AutoAccounting function. Oracle Projects provides all function parameters upon installation.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_FUNCTIONS	FUNCTION_CODE APPLICATION_ID	FUNCTION_CODE APPLICATION_ID
PA_PARAMETERS	PARAMETER_ID	PARAMETER_ID

### Column Descriptions

Name	Null?	Type	Description
APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the Oracle application that uses the function
FUNCTION_CODE (PK)	NOT NULL	VARCHAR2(15)	The identifier of the function to which the parameter is assigned
PARAMETER_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the parameter that is assigned to the function
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
PARAMETER_SEQ	NOT NULL	NUMBER(15)	The number used to order the parameters of a function

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_FUNCTION_PARAMETERS_U1	UNIQUE	1	FUNCTION_CODE
		2	PARAMETER_ID
		3	APPLICATION_ID

## PA\_FUNCTION\_TRANSACTIONS\_ALL

PA\_FUNCTION\_TRANSACTIONS\_ALL stores the operations within an AutoAccounting function. Oracle Projects provides all function transactions upon installation. You can enable or disable function transactions during implementation.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_FUNCTIONS	FUNCTION_CODE APPLICATION_ID	FUNCTION_CODE APPLICATION_ID

### Column Descriptions

Name	Null?	Type	Description
APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the Oracle application that uses the function
FUNCTION_CODE (PK)	NOT NULL	VARCHAR2(15)	The identifier of the AutoAccounting function for which the transaction is used
FUNCTION_TRANSACTION_CODE (PK)	NOT NULL	VARCHAR2(30)	System-defined code that uniquely identifies the transaction within a function
FUNCTION_TRANSACTION_NAME	NOT NULL	VARCHAR2(50)	Short, user-friendly name that describes the transaction
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
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether this transaction is enabled for use when calling the function in AutoAccounting. If the appropriate function transaction is not enabled for a data item, the ALL function transaction is used
DESCRIPTION	NULL	VARCHAR2(250)	The description of the function transaction
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_FUNCTION_TRANSACTIONS_U1	UNIQUE	1	FUNCTION_CODE
		2	FUNCTION_TRANSACTION_CODE
		3	APPLICATION_ID
		5	ORG_ID
PA_FUNCTION_TRANSACTIONS_U2	UNIQUE	1	FUNCTION_CODE
		2	FUNCTION_TRANSACTION_NAME
		3	APPLICATION_ID
		5	ORG_ID

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## PA\_GL\_COST\_XFER\_AUDIT\_V

This view shows the cost transactions in Oracle Projects and the corresponding GL Journal Entry batch numbers and period into which these transactions were posted.

### View Definition

```
CREATE VIEW PA_GL_COST_XFER_AUDIT_V
as SELECT
    ei.expenditure_item_id      EXPENDITURE_ITEM_ID,
    cdl.line_num                CDL_LINE_NUM,
    jel.code_combination_id     CODE_COMBINATION_ID,
    prj.project_id              PROJECT_ID,
    prj.segment1                PROJECT_NUMBER,
    task.task_id                TASK_ID,
    task.task_number            TASK_NUMBER,
    ei.expenditure_type          EXPENDITURE_TYPE,
    ei.expenditure_item_date     EXPENDITURE_ITEM_DATE,
    DECODE(emp.full_name, null, hr.name, emp.full_name )
                                EMP_OR_ORG_NAME,
    jeb.name                     JE_BATCH_NAME,
    replace(jeb.name, jes.user_je_source_name || ' ' )
                                JE_REP_BATCH_NAME,
    jeb.je_batch_id             JE_BATCH_ID,
    jeh.period_name              PERIOD_NAME,
    jel.je_line_num              JE_LINE_NUMBER,
    cdl.gl_date                  GL_DATE,
    cdl.transferred_date         TRANSFERRED_DATE,

    DECODE(ei.system_linkage_function, 'BTC', DECODE(cdl.line_type, 'R', cdl.burdened_cost, cdl.amount),
            cdl.amount) GL_DR_AMOUNT,
    to_number(null)            GL_CR_AMOUNT
FROM
    gl_je_sources jes,
    hr_organization_units hr,
    per_people_f emp,
    pa_projects_all prj,
    pa_tasks task,
    pa_expenditures exp,
    pa_expenditure_items ei,
    pa_cost_distribution_lines cdl,
    gl_je_lines jel,
    gl_je_headers jeh,
    gl_je_batches jeb
Where prj.project_id          = task.project_id
AND   ei.task_id              = task.task_id
AND   ( ( ei.system_linkage_function IN
          ( SELECT function
            FROM pa_system_linkages
              WHERE cost_je_category_name is not null)
          AND cdl.line_type in ('R', 'D'))
      OR (ei.system_linkage_function IN
          ( SELECT function
            FROM pa_system_linkages
```

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```

        WHERE cost_je_category_name is null)
        AND cdl.line_type = 'D') )
AND cdl.expenditure_item_id = ei.expenditure_item_id
AND cdl.transfer_status_code || ' ' = 'A'
AND cdl.batch_name = jel.reference_1 || ' '
AND cdl.dr_code_combination_id = jel.code_combination_id
AND jel.reference_3 = 'Cost'
AND jeh.je_batch_id = jeb.je_batch_id
AND jeh.je_header_id = jel.je_header_id
AND exp.expenditure_id = ei.expenditure_id
AND exp.incurred_by_person_id = emp.person_id (+)
AND ( ei.expenditure_item_date
      BETWEEN nvl(emp.effective_start_date, ei.expenditure_item_date)
            AND nvl(emp.effective_end_date, ei.expenditure_item_date) )
AND jes.je_source_name = 'Project Accounting'
AND decode(ei.override_to_organization_id, null, exp.incurred_by_organization_id) =
hr.organization_id
UNION ALL
SELECT
    ei.expenditure_item_id      EXPENDITURE_ITEM_ID,
    cdl.line_num                CDL_LINE_NUM,
    jel.code_combination_id     CODE_COMBINATION_ID,
    prj.project_id              PROJECT_ID,
    prj.segment1                PROJECT_NUMBER,
    task.task_id                TASK_ID,
    task.task_number            TASK_NUMBER,
    ei.expenditure_type          EXPENDITURE_TYPE,
    ei.expenditure_item_date     EXPENDITURE_ITEM_DATE,
    DECODE(emp.full_name, null, hr.name, emp.full_name )
                                EMP_OR_ORG_NAME,
    jeb.name                     JE_BATCH_NAME,
    replace(jeb.name, jes.user_je_source_name || ' ')
                                JE_REP_BATCH_NAME,
    jeb.je_batch_id              JE_BATCH_
ID,
    jeh.period_name              PERIOD_NAME,
    jel.je_line_num              JE_LINE_NUMBER,
    cdl.gl_date                  GL_DATE,
    cdl.transferred_date         TRANSFERRED_DATE,
    to_number(null)              GL_DR_AMOUNT,

    decode(ei.system_linkage_function, 'BTC', DECODE(cdl.line_type, 'R', cdl.burdened_cost, cdl.amount),
          cdl.amount) GL_CR_AMOUNT
FROM
    gl_je_sources jes,
    hr_organization_units hr,
    per_people_f emp,
    pa_projects_all prj,
    pa_tasks task,
    pa_expenditure_items ei,
    pa_expenditures exp,
    pa_cost_distribution_lines cdl,
    gl_je_lines jel,
    gl_je_headers jeh,
    gl_je_batches jeb
WHERE
    prj.project_id = task.project_id

```

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```

AND ei.task_id = task.task_id
AND exp.expenditure_id = ei.expenditure_id
AND ( ( ei.system_linkage_function IN
        ( SELECT function
          FROM pa_system_linkages
          WHERE cost_je_category_name is not null)
      AND cdl.line_type in ('R', 'C'))
      OR (ei.system_linkage_function IN
          ( SELECT function
            FROM pa_system_linkages
            WHERE cost_je_category_name is null)
          AND cdl.line_type = 'C') )
AND cdl.expenditure_item_id = ei.expenditure_item_id
AND cdl.transfer_status_code||' ' = 'A'
AND cdl.batch_name = jel.reference_1 || ' '
AND cdl.cr_code_combination_id = jel.code_combination_id
AND jel.reference_3 = 'Liability'
AND jeh.je_batch_id = jeb.je_batch_id
AND jeh.je_header_id = jel.je_header_id
AND exp.incurred_by_person_id = emp.person_id(+)
AND ( ei.expenditure_item_date
      BETWEEN nvl(emp.effective_start_date, ei.expenditure_item_date)
        AND nvl(emp.effective_end_date, ei.expenditure_item_date) )
AND jes.je_source_name = 'Project Accounting'
AND decode(ei.override_to_organization_id, null, exp.incurred_by_
  organization_id) = hr.organization_id

```

#### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID	NULL	NUMBER	Expenditure Item Id
CDL_LINE_NUM	NULL	NUMBER	Cost Distribution Line Number
CODE_COMBINATION_ID	NULL	NUMBER	Account Code Combination Id
PROJECT_ID	NULL	NUMBER	Project Id
PROJECT_NUMBER	NULL	VARCHAR2(25)	Project Number
TASK_ID	NULL	NUMBER	Task Id
TASK_NUMBER	NULL	VARCHAR2(25)	Task Number
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure Type
EXPENDITURE_ITEM_DATE	NULL	DATE	Expenditure Item Date
EMP_ORG_ORG_NAME	NULL	VARCHAR2(240)	Employee name or organization name
JE_BATCH_NAME	NULL	VARCHAR2(100)	GL Journal Entry Batch Name
JE_REP_BATCH_NAME	NULL	VARCHAR2(100)	GL Journal Entry Batch Name stripped of the User source for reporting
JE_BATCH_ID	NULL	NUMBER	GL Journal Entry Batch ID
PERIOD_NAME	NULL	VARCHAR2(15)	GL Journal Entry Period
JE_LINE_NUMBER	NULL	NUMBER	GL Journal Entry Line Number
GL_DATE	NULL	DATE	The end date of the accounting period to which this cost is posted
TRANSFERRED_DATE	NULL	DATE	The date on which this distribution was transferred to GL
GL_DR_AMOUNT	NULL	NUMBER	Amount debited in this transaction
GL_CR_AMOUNT	NULL	NUMBER	Amount credited in this transaction

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## PA\_GL\_REV\_XFER\_AUDIT\_V

View showing the revenue transactions in Oracle Projects and the corresponding GL Journal Entry batch numbers and period into which these transactions were posted. Provides audit between accounting (revenue) transactions in Oracle Projects and transactions in Oracle General Ledger.

### View Definition

```
CREATE VIEW PA_GL_REV_XFER_AUDIT_V
as SELECT
    DISTINCT JEL.CODE_COMBINATION_ID CODE_COMBINATION_ID
    , 'ERDL' LINE_TYPE
    , JEH.PERIOD_NAME PERIOD_NAME
    , PDR.PROJECT_ID PROJECT_ID
    , PRJ.SEGMENT1 PROJECT_NUMBER
    , PDR.DRAFT_REVENUE_NUM DRAFT_REV_NUMBER
    , PDR.TRANSFERRED_DATE TRANSFERRED_DATE
    , PDR.GL_DATE GL_DATE
    , PE.EVENT_TYPE TRANSACTION_TYPE
    , PE.COMPLETION_DATE TRANSACTION_DATE
    , TASK.TASK_ID TASK_ID
    , TASK.TASK_NUMBER TASK_NUMBER
    , NULL EMP_OR_ORG_NAME
    , JEB.NAME JE_BATCH_NAME
    , JEB.JE_BATCH_ID JE_BATCH_ID
    , REPLACE(JEB.NAME, JES.USER_JE_SOURCE_NAME || ' ' )
      JE_REP_BATCH_NAME
    , TO_NUMBER(NULL) EXPENDITURE_ITEM_ID
    , RDL.LINE_NUM RDL_LINE_NUM
    , TO_NUMBER(NULL) DEBIT_AMOUNT
    , RDL.AMOUNT CREDIT_AMOUNT
FROM
    GL_JE_SOURCES JES,
    PA_PROJECTS_ALL PRJ,
    PA_TASKS TASK,
    PA_EVENTS PE,
    PA_CUST_EVENT_RDL_ALL RDL,
    PA_DRAFT_REVENUES_ALL PDR,
    GL_JE_LINES JEL,
    GL_JE_HEADERS JEH,
    GL_JE_BATCHES JEB
WHERE
    PRJ.PROJECT_ID = PE.PROJECT_ID
AND PDR.TRANSFER_STATUS_CODE || ' ' = 'A'
AND RDL.PROJECT_ID = PDR.PROJECT_ID
AND RDL.DRAFT_REVENUE_NUM = PDR.DRAFT_REVENUE_NUM
AND RDL.PROJECT_ID = PE.PROJECT_ID
AND NVL(RDL.TASK_ID,-1) = NVL(PE.TASK_ID,-1)
AND RDL.EVENT_NUM = PE.EVENT_NUM
AND TASK.TASK_ID (+) = PE.TASK_ID
AND JEH.JE_HEADER_ID = JEL.JE_HEADER_ID
AND JEH.JE_BATCH_ID = JEB.JE_BATCH_ID
AND RDL.BATCH_NAME = JEL.REFERENCE_1 || ' '
```

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```

AND JEL.CODE_COMBINATION_ID = RDL.CODE_COMBINATION_ID
AND   JES.JE_SOURCE_NAME = 'Project Accounting'
UNION ALL
SELECT DISTINCT
    JEL.CODE_COMBINATION_ID CODE_COMBINATION_ID,
    'RDL' LINE_TYPE,
    JEH.PERIOD_NAME PERIOD_NAME,
    PDR.PROJECT_ID PROJECT_ID,
    PRJ.SEGMENT1 PROJECT_NUMBER,
    PDR.DRAFT_REVENUE_NUM DRAFT_REV_NUMBER,
    PDR.TRANSFERRED_DATE TRANSFERRED_DATE,
    PDR.GL_DATE GL_DATE,
    EI.EXPENDITURE_TYPE TRANSACTION_TYPE,
    EI.EXPENDITURE_ITEM_DATE TRANSACTION_DATE,
    TASK.TASK_ID TASK_ID,
    TASK.TASK_NUMBER TASK_NUMBER,
    DECODE(EMP.FULL_NAME, NULL,ORG.NAME, EMP.FULL_NAME )
    EMP_OR_ORG_NAME,
    JEB.NAME JE_BATCH_NAME,
    JEB.JE_BATCH_ID JE_BATCH_ID,
    REPLACE(JEB.NAME, JES.USER_JE_SOURCE_NAME || ' ')
    JE_REP_BATCH_NAME,
    RDL.EXPENDITURE_ITEM_ID EXPENDITURE_ITEM_ID,
    RDL.LINE_NUM RDL_LINE_NUM,
    TO_NUMBER(NULL) DEBIT_AMOUNT,
    RDL.AMOUNT CREDIT_AMOUNT
FROM
    GL_JE_SOURCES JES,
    HR_ORGANIZATION_UNITS ORG,
    PER_PEOPLE_F EMP,
    PA_TASKS TASK,
    PA_PROJECTS_ALL PRJ,
    PA_EXPENDITURE_ITEMS_ALL EI,
    PA_EXPENDITURES_ALL EXP,
    PA_CUST_REV_DIST_LINES_ALL RDL,
    PA_DRAFT_REVENUES_ALL PDR,
    GL_JE_LINES JEL,
    GL_JE_HEADERS JEH,
    GL_JE_BATCHES JEB
WHERE
    TASK.PROJECT_ID = PRJ.PROJECT_ID
AND   EI.TASK_ID = TASK.TASK_ID
AND   PDR.TRANSFER_STATUS_CODE||'' = 'A'
AND   RDL.PROJECT_ID = PDR.PROJECT_ID
AND   RDL.DRAFT_REVENUE_NUM = PDR.DRAFT_REVENUE_NUM
AND   RDL.EXPENDITURE_ITEM_ID = EI.EXPENDITURE_ITEM_ID
AND   EI.EXPENDITURE_ID = EXP.EXPENDITURE_ID
AND   JEH.JE_HEADER_ID = JEL.JE_HEADER_ID
AND   JEH.JE_BATCH_ID = JEB.JE_BATCH_ID
AND   RDL.BATCH_NAME = JEL.REFERENCE_1||''
AND   JEL.CODE_COMBINATION_ID = RDL.CODE_COMBINATION_ID
AND   JES.JE_SOURCE_NAME = 'Project Accounting'
AND   DECODE(EI.OVERRIDE_TO_ORGANIZATION_ID, NULL,
EXP.INCURRED_BY_ORGANIZATION_ID) = ORG.ORGANIZATION_ID
AND   EXP.INCURRED_BY_PERSON_ID = EMP.PERSON_ID (+)
AND ( EI.EXPENDITURE_ITEM_DATE BETWEEN EMP.EFFECTIVE_START_DATE
    AND EMP.EFFECTIVE_END_DATE )

```

```

UNION ALL
SELECT DISTINCT
    JEL.CODE_COMBINATION_ID    CODE_COMBINATION_ID,
    'UER'                      LINE_TYPE,
    JEH.PERIOD_NAME            PERIOD_NAME,
    PDR.PROJECT_ID            PROJECT_ID,
    PRJ.SEGMENT1               PROJECT_NUMBER,
    PDR.DRAFT_REVENUE_NUM      DRAFT_REV_NUMBER,
    PDR.TRANSFERRED_DATE       TRANSFERRED_DATE,
    PDR.GL_DATE               GL_DATE,
    NULL                      TRANSACTION_TYPE,
    TO_DATE(NULL)              TRANSACTION_DATE,
    TO_NUMBER(NULL)           TASK_ID,
    NULL                      TASK_NUMBER,
    NULL                      EMP_OR_ORG_NAME,
    JEB.NAME                   JE_BATCH_NAME,
    JEB.JE_BATCH_ID            JE_BATCH_ID,
    REPLACE(JEB.NAME, JES.USER_JE_SOURCE_NAME || ' ')
    JE_REP_BATCH_NAME,
    TO_NUMBER(NULL)            EXPENDITURE_ITEM_ID,
    TO_NUMBER(NULL)            RDL_LINE_NUM,
    PDR.UNEARNED_REVENUE_CR     DEBIT_AMOUNT,
    TO_NUMBER(NULL)            CREDIT_AMOUNT
FROM
    GL_JE_SOURCES    JES,
    PA_PROJECTS_ALL  PRJ,
    PA_DRAFT_REVENUES_ALL  PDR,
    GL_JE_LINES      JEL,
    GL_JE_HEADERS    JEH,
    GL_JE_BATCHES    JEB
WHERE
    PRJ.PROJECT_ID = PDR.PROJECT_ID
AND
    PDR.TRANSFER_STATUS_CODE || ' ' = 'A'
AND
    JEH.JE_HEADER_ID = JEL.JE_HEADER_ID
AND
    JEH.JE_BATCH_ID = JEB.JE_BATCH_ID
AND
    PDR.UNEARNED_BATCH_NAME = JEL.REFERENCE_1
AND
    JEL.CODE_COMBINATION_ID =
PDR.UNEARNED_CODE_COMBINATION_ID
AND
    JES.JE_SOURCE_NAME = 'Project Accounting'
UNION ALL
SELECT DISTINCT
    JEL.CODE_COMBINATION_ID    CODE_COMBINATION_ID,
    'UBR'                      LINE_TYPE,
    JEH.PERIOD_NAME            PERIOD_NAME,
    PDR.PROJECT_ID            PROJECT_ID,
    PRJ.SEGMENT1               PROJECT_NUMBER,
    PDR.DRAFT_REVENUE_NUM      DRAFT_REV_NUMBER,
    PDR.TRANSFERRED_DATE       TRANSFERRED_DATE,
    PDR.GL_DATE               GL_DATE,
    NULL                      TRANSACTION_TYPE,
    TO_DATE(NULL)              TRANSACTION_DATE,
    TO_NUMBER(NULL)           TASK_ID,
    NULL                      TASK_NUMBER,
    NULL                      EMP_OR_ORG_NAME,
    JEB.NAME                   JE_BATCH_NAME,
    JEB.JE_BATCH_ID            JE_BATCH_ID,
    REPLACE(JEB.NAME, JES.USER_JE_SOURCE_NAME || ' ')

```

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```

        JE_REP_BATCH_NAME,
        TO_NUMBER(NULL)    EXPENDITURE_ITEM_ID,
        TO_NUMBER(NULL)    RDL_LINE_NUM,
        PDR.UNBILLED_RECEIVABLE_DR DEBIT_AMOUNT,
        TO_NUMBER(NULL)    CREDIT_AMOUNT
FROM
    GL_JE_SOURCES    JES,
    PA_PROJECTS_ALL   PRJ,
    PA_DRAFT_REVENUES_ALL   PDR,
    GL_JE_LINES       JEL,
    GL_JE_HEADERS     JEH,
    GL_JE_BATCHES     JEB
WHERE
    PRJ.PROJECT_ID = PDR.PROJECT_ID
AND   PDR.TRANSFER_STATUS_CODE||'' = 'A'
AND   PDR.PROJECT_ID = PRJ.PROJECT_ID
AND   JEH.JE_HEADER_ID = JEL.JE_HEADER_ID
AND   JEH.JE_BATCH_ID = JEB.JE_BATCH_ID
AND   PDR.UNBILLED_BATCH_NAME = JEL.REFERENCE_1
AND   JEL.CODE_COMBINATION_ID = PDR.UNBILLED_CODE_COMBINATION_ID
AND   JES.JE_SOURCE_NAME = 'Project Accounting'

```

#### Column Descriptions

Name	Null?	Type	Description
CODE_COMBINATION_ID	NULL	NUMBER	Refer to base table.
LINE_TYPE	NULL	VARCHAR2(4)	Indicates whether the transaction is on a Revenue, Event Revenue, Unearned Revenue or Unbilled Receivables item
PERIOD_NAME	NULL	VARCHAR2(15)	Refer to base table.
PROJECT_ID	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NULL	VARCHAR2(25)	Refer to base table.
DRAFT_REV_NUMBER	NULL	NUMBER	Refer to base table.
TRANSFERRED_DATE	NULL	DATE	Refer to base table.
GL_DATE	NULL	DATE	Refer to base table.
TRANSACTION_TYPE	NULL	VARCHAR2(30)	Refer to base table.
TRANSACTION_DATE	NULL	DATE	Refer to base table.
TASK_ID	NULL	NUMBER	Refer to base table.
TASK_NUMBER	NULL	VARCHAR2(25)	Refer to base table.
EMP_OR_ORG_NAME	NULL	VARCHAR2(240)	Refer to base table.
JE_BATCH_NAME	NULL	VARCHAR2(100)	GL Journal Entry Batch name
JE_BATCH_ID	NULL	NUMBER	Refer to base table.
JE_REP_BATCH_NAME	NULL	VARCHAR2(100)	Refer to base table.
EXPENDITURE_ITEM_ID	NULL	NUMBER	Refer to base table.
RDL_LINE_NUM	NULL	NUMBER	Refer to base table.
DEBIT_AMOUNT	NULL	NUMBER	Refer to base table.
CREDIT_AMOUNT	NULL	NUMBER	Refer to base table.

**(Detailed Design  
continues in Volume 2)**

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Technical Reference Manual

Release 11i

Volume 2

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# Oracle® Projects Technical Reference Manual

**RELEASE 11i  
VOLUME 2**

**January 2000**

**ORACLE®**

Oracle® Projects Technical Reference Manual  
Release 11i

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continued from Volume 1)**





## PA\_IMPLEMENTATIONS\_ALL

PA\_IMPLEMENTATIONS\_ALL stores the parameters and defaults that define the configuration of your Oracle Projects installation.

If you have a multi-organization installation, you define one row for each operating unit.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIOD_TYPES	PERIOD_TYPE	PA_PERIOD_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID
PER_ORGANIZATION_STRUCTURES	ORGANIZATION_STRUCTURE_ID	ORGANIZATION_STRUCTURE_ID
PER_ORG_STRUCTURE_VERSIONS	ORG_STRUCTURE_VERSION_ID	ORG_STRUCTURE_VERSION_ID
RA_BATCH_SOURCES_ALL	BATCH_SOURCE_ID	INVOICE_BATCH_SOURCE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCUMULATION_PERIOD_TYPE	ACCUMULATION PERIOD TYPE	PA_LOOKUPS
	GL	GL Period
	PA	PA Period
CC_MANUAL_INVOICE_NUM_CODE	MANUAL INVOICE NUMBER	PA_LOOKUPS
	ALPHANUMERIC	Alphanumeric
	NUMERIC	Numeric
CC_MANUAL_INVOICE_NUM_TYPE	INVOICE NUMBER ENTRY	PA_LOOKUPS
	AUTOMATIC	Automatic
	MANUAL	Manual
EXP_CYCLE_START_DAY_CODE	EXPENDITURE CYCLE START DAY	PA_LOOKUPS
	1	Sunday
	2	Monday
	3	Tuesday
	4	Wednesday
	5	Thursday
	6	Friday
	7	Saturday
INVOICE_ORGANIZATION_TYPE	ORG TYPE	HR_LOOKUPS
MANUAL_INVOICE_NUM_TYPE	MANUAL INVOICE NUMBER	PA_LOOKUPS
	ALPHANUMERIC	Alphanumeric
	NUMERIC	Numeric
MANUAL_PROJECT_NUM_TYPE	MANUAL PROJECT NUMBER	PA_LOOKUPS
	ALPHANUMERIC	Alphanumeric
	NUMERIC	Numeric
PROJECT_ORGANIZATION_TYPE	ORG TYPE	HR_LOOKUPS
USER_DEFINED_INVOICE_NUM_CODE	INVOICE NUMBER ENTRY	PA_LOOKUPS
	AUTOMATIC	Automatic
	MANUAL	Manual
USER_DEFINED_PROJECT_NUM_CODE	PROJECT NUMBER ENTRY	PA_LOOKUPS
	AUTOMATIC	Automatic
	MANUAL	Manual

# Column Descriptions

Name	Null?	Type	Description
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
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	The identifier of the General Ledger set of books used by Oracle Projects
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	The identifier of the Personnel business group used
ORGANIZATION_STRUCTURE_ID	NOT NULL	NUMBER(15)	Identifier of the default organization hierarchy used for reporting
ORG_STRUCTURE_VERSION_ID	NOT NULL	NUMBER(15)	Identifier of the default organization hierarchy version used for reporting
START_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of the highest organization used in default reporting organization hierarchy version
USER_DEFINED_PROJECT_NUM_CODE	NOT NULL	VARCHAR2(25)	The method by which project numbers are entered or generated
MANUAL_PROJECT_NUM_TYPE	NOT NULL	VARCHAR2(25)	The type of project numbers allowed
PROJECT_ORGANIZATION_TYPE	NOT NULL	VARCHAR2(30)	The organization type that determines which organizations can be selected as project and task organizations
EXP_CYCLE_START_DAY_CODE	NOT NULL	VARCHAR2(30)	The code for the week day on which the expenditure week period begins. This value determines the valid expenditure ending dates for expenditure groups, expenditures, and labor cost rates
OVERTIME_CALC_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether the Overtime Calculation program is enabled. If the program is enabled, Distribute Labor Costs will run the Overtime Calculation program
INTERFACE_LABOR_TO_GL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether to transfer labor costs to GL. If the flag is set to 'N', the costs are accumulated but not transferred to GL by the Transfer Labor Costs to GL process
INTERFACE_USAGE_TO_GL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether to transfer usage costs to GL. If the flag is set to 'N', usage costs are accumulated but not transferred to GL by the Transfer Usage Costs to GL process

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Column Descriptions (Continued)

Name	Null?	Type	Description
INTERFACE_REVENUE_TO_GL_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether to transfer revenue to GL. If the flag is set to 'N', the revenue is accumulated but not transferred to GL by the Transfer Revenue to GL process. This column is blank for Project Costing installations
BILLING_CYCLE	NULL	NUMBER(15)	Obsolete
BILLING_OFFSET	NULL	NUMBER(15)	Obsolete
USER_DEFINED_INVOICE_NUM_CODE	NULL	VARCHAR2(25)	The method by which AR invoice numbers are entered or generated upon release of draft invoices. This column is blank for Project Costing installations
MANUAL_INVOICE_NUM_TYPE	NULL	VARCHAR2(25)	The type of AR invoice numbers allowed. This column is blank for Project Costing installations
INVOICE_ORGANIZATION_TYPE	NULL	VARCHAR2(30)	The organization type that determines the organization level where invoice collection processing is done. Invoices in Oracle Receivables may be classified by invoice types of an invoice organization if the feature is fully implemented
INVOICE_BATCH_SOURCE_ID	NULL	NUMBER(15)	The identifier of the Oracle Receivables batch source to use when transferring invoices to Receivables. This column is blank for Project Costing installations
ACCUMULATION_PERIOD_TYPE	NOT NULL	VARCHAR2(30)	The period type that determines whether amounts are accumulated by PA period or GL period
PA_PERIOD_TYPE	NOT NULL	VARCHAR2(15)	The GL period type that identifies the PA periods in the GL calendar associated with the set of books.
NEXT_AUTOMATIC_INVOICE_NUMBER	NULL	NUMBER	Next automatic invoice number if automatic invoice numbering is used. Blank for project costing installations.
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
EXP_ORG_STRUCTURE_ID	NOT NULL	NUMBER	Identifier of the organization hierarchy used for expenditure organizations
EXP_ORG_STRUCTURE_VERSION_ID	NOT NULL	NUMBER	Identifier of the organization hierarchy version used for expenditure organizations
EXP_START_ORG_ID	NOT NULL	NUMBER	Identifier of the highest organization used in expenditure organization hierarchy version
PROJ_ORG_STRUCTURE_ID	NOT NULL	NUMBER	Identifier of the organization hierarchy used for project organizations

PROJ_ORG_STRUCTURE_VERSION_ID	NOT NULL	NUMBER	Identifier of the organization hierarchy version used for project organizations
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
PROJ_START_ORG_ID	NOT NULL	NUMBER	Identifier of the highest organization used in project organization hierarchy version
CENTRALIZED_INVOICING_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates centralized or decentralized invoices
ALLOW_FOREIGN_CURR_TXN_FLAG	NOT NULL	VARCHAR2(1)	Flag to include whether foreign currency transactions allowed in this operating unit or not
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Accounting Currency Rate Type (eg Spot, Corporate) This value can be overridden at ANY project level This will be the default value for Invoice acct_rate_date on pa_expenditures (for Expense Reports) which can be overridden
ACCT_RATE_DATE_CODE	NULL	VARCHAR2(1)	Indicates the code used to derive account rate dates
ALLOW_ACCT_USER_RATE_TYPE_FLAG	NOT NULL	VARCHAR2(1)	Can user enter a rate type (USER) for a accounting currency conversion? Value is required allow foreign currency txt flag = (Y)
OUTPUT_TAX_USE_CUST_FLAG	NULL	VARCHAR2(1)	Indicates whether tax rate defined for Customer will be used for Customer Invoices
OUTPUT_TAX_USE_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether tax rate defined for Customer business purpose will be used for Customer Invoices
OUTPUT_TAX_USE_PROJECT_FLAG	NULL	VARCHAR2(1)	Indicates whether tax rate defined for Project will be used for Customer Invoices
OUTPUT_TAX_USE_EXP_EV_FLAG	NULL	VARCHAR2(1)	Indicates whether tax rate defined for Expenditure type or Event Type will be used for Customer Invoices
OUTPUT_TAX_USE_EXTN_FLAG	NULL	VARCHAR2(1)	Indicates whether tax rate returned by client extention will be used for Customer Invoices
OUTPUT_TAX_USE_AR_PARAM_FLAG	NULL	VARCHAR2(1)	Indicates whether tax rate defined in Oracle Receivable system options will be used for Customer Invoices
OUTPUT_TAX_HIER_CUST	NULL	NUMBER	Indicates tax code defaulting hierarchy associated with customer level tax code for Customer Invoices.
OUTPUT_TAX_HIER_SITE	NULL	NUMBER	Indicates tax code defaulting hierarchy associated with customer site level tax code for Customer Invoices.
OUTPUT_TAX_HIER_PROJECT	NULL	NUMBER	Indicates tax code defaulting hierarchy associated with project level tax code for Customer Invoices.

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OUTPUT_TAX_HIER_EXP_EV	NULL	NUMBER	Indicates tax code defaulting hierarchy associated with expenditure type/event type level tax code for Customer Invoices.
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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
OUTPUT_TAX_HIER_EXTN	NULL	NUMBER	Indicates tax code defaulting hierarchy associated with using client extension returned tax code for Customer Invoices.
OUTPUT_TAX_HIER_AR_PARAM	NULL	NUMBER	Indicates tax code defaulting hierarchy associated with the Oracle Receivables system options for Customer Invoices.
DEFAULT_RATE_TYPE	NULL	VARCHAR2(30)	Default value for rate type
DEFAULT_RATE_DATE_CODE	NULL	VARCHAR2(1)	Indicates the code used to derive default rate dates.
CC_PROCESS_IO_CODE	NULL	VARCHAR2(1)	Indicates whether to perform cross charge processing for intra-operating unit (IO) transactions, which are within the same operating unit but not the same provider and receiver organization.
CC_DEFAULT_RATE_TYPE	NULL	VARCHAR2(30)	Default rate type to be used when converting the transfer price from the transaction currency to the functional currency of the provider operating unit.
CC_DEFAULT_RATE_DATE_CODE	NULL	VARCHAR2(1)	Default rate date code to be used when converting the transfer price from the transaction currency to the functional currency.
CC_ALLOW_IU_FLAG	NULL	VARCHAR2(1)	Indicates if the operating unit may incur inter-operating unit (IU) cross charge within the legal entity
CC_PROCESS_IU_CODE	NULL	VARCHAR2(1)	Indicates if the operating unit may incur inter operating (IU) cross charge within the legal entity
CC_IC BILLING_PRVDR_FLAG	NULL	VARCHAR2(1)	Indicates if the operating unit may incur cross charge (provide to another operating unit) that requires processing by intercompany billing
VENDOR_ID	NULL	NUMBER	Supplier identifier for the operating unit to be used for intercompany AP invoice. This is required if cc_ic_billing_prvdr_flag = Y
CC_MANUAL_INVOICE_NUM_TYPE	NULL	VARCHAR2(30)	Numbering type of intercompany invoices. This is required if cc_ic_billing_prvdr_flag = Y.
CC_MANUAL_INVOICE_NUM_CODE	NULL	VARCHAR2(30)	Type of numbering to be used for manually numbered intercompany invoices. Lookup Type: MANUAL INVOICE NUMBER

CC_NEXT_AUTOMATIC_INVOICE_NUM	NULL	NUMBER	Next automatic invoice sequence number if automatic numbering is used for intercompany invoices
CC_IC_AR_BATCH_SOURCE_ID	NULL	NUMBER(20)	AR batch source used for intercompany invoices. This is required if cc_ic_billing_prvdr_flag = ' Y'

*Column Descriptions (Continued)*

Name	Null?	Type	Description
CC_PRVDR_CAC_COST_RECLASS_CODE	NULL	VARCHAR2(1)	Indicates if cost for cross-charged transactions processed by intercompany billing on cost accrual projects needs to be reclassified into different accounts. . This is required if cc_ic_billing_prvdr_flag = Y
CC_PRVDR_OTH_COST_RECLASS_CODE	NULL	VARCHAR2(1)	Indicates if cost for cross-charged transactions processed by intercompany billing on non-cost accrual projects needs to be reclassified into different accounts. . This is required if cc_ic_billing_prvdr_flag = Y
CC_IC_BILLING_RECVR_FLAG	NULL	VARCHAR2(1)	Indicates if the operating unit may accept cross charge transactions (be a receiver) that requires processing by intercompany billing.
CUSTOMER_ID	NULL	NUMBER	Customer identifier for the operating unit to be used for intercompany AR invoice. This is required if cc_ic_billing_recvr_flag = Y

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_IMPLEMENTATIONS_U1	UNIQUE	1	ORG_ID

## PA\_IND\_COMPILED\_SETS

PA\_IND\_COMPILED\_SETS stores compiled set ID for an organization and burden rate schedule revision. This compiled set ID in turn may be used to get compiled burden rates for an organization and burden rate schedule revision.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
PA_IND_RATE_SCH_REVISIONS	IND_RATE_SCH_REVISION_ID	IND_RATE_SCH_REVISION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS	COMPILED SET STATUS	PA_LOOKUPS
	A	Active
	H	History

### Column Descriptions

Name	Null?	Type	Description
IND_COMPILED_SET_ID	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the compiled set
IND_RATE_SCH_REVISION_ID	NOT NULL	NUMBER(15)	The identifier of the rate schedule revision which uses the compiled set
ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the organization which uses the compiled set
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
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
STATUS	NOT NULL	VARCHAR2(30)	The status of the compiled set

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_IND_COMPILED_SETS_N1	NOT UNIQUE	1	IND_RATE_SCH_REVISION_ID
		2	ORGANIZATION_ID
		3	STATUS
PA_IND_COMPILED_SETS_N2	NOT UNIQUE	1	IND_RATE_SCH_REVISION_ID
PA_IND_COMPILED_SETS_N3	NOT UNIQUE	1	IND_COMPILED_SET_ID
PA_IND_COMPILED_SETS_N4	NOT UNIQUE	1	IND_RATE_SCH_REVISION_ID
		2	STATUS
		3	IND_COMPILED_SET_ID
PA_IND_COMPILED_SETS_N5	NOT UNIQUE	1	IND_RATE_SCH_REVISION_ID
		2	IND_COMPILED_SET_ID

Sequences

Sequence	Derived Column
PA_IND_COMPILED_SETS_S	IND_COMPILED_SET_ID



## PA\_IND\_COST\_CODES

PA\_IND\_COST\_CODES stores the implementation-defined classification of burden costs such as Fringe and G&A.

### Column Descriptions

Name	Null?	Type	Description
IND_COST_CODE (PK)	NOT NULL	VARCHAR2(30)	The implementation-defined name that uniquely identifies the burden cost code
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the burden cost code
END_DATE_ACTIVE	NULL	DATE	Last effective date of the burden cost code
DESCRIPTION	NULL	VARCHAR2(250)	The description of the burden cost code
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
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Exp_type of the new burden summarized expenditure item for this burden cost code
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

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_IND_COST_CODES_U1	UNIQUE	1	IND_COST_CODE

## PA\_IND\_COST\_MULTIPLIERS

PA\_IND\_COST\_MULTIPLIERS stores the burden cost multipliers or a burden schedule revision to be applied to direct (raw) costs. In additive cost plus structures, they are applied without any order or precedence. In precedence cost plus structures, they are applied in a order and are used to build up a precedence of burdened costs.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
PA_IND_COST_CODES	IND_COST_CODE	IND_COST_CODE
PA_IND_RATE_SCH_REVISIONS	IND_RATE_SCH_REVISION_ID	IND_RATE_SCH_REVISION_ID

### Column Descriptions

Name	Null?	Type	Description
IND_RATE_SCH_REVISION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the burden schedule revision that uses the burden multiplier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the organization that uses the burden multiplier
IND_COST_CODE (PK)	NOT NULL	VARCHAR2(30)	The identifier of the burden cost code that uses the burden multiplier
MULTIPLIER	NOT NULL	NUMBER(22,5)	The amount of the burden multiplier
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

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_IND_COST_MULTIPLIERS_U1	UNIQUE	1	IND_RATE_SCH_REVISION_ID
		2	ORGANIZATION_ID
		3	IND_COST_CODE

## PA\_IND\_RATE\_SCHEDULES

PA\_IND\_RATE\_SCHEDULES displays all burden schedules owned by the business group specified in PA\_IMPLEMENTATIONS\_ALL.

### View Definition

```
CREATE VIEW PA_IND_RATE_SCHEDULES
as SELECT
    IND_RATE_SCH_ID ,IND_RATE_SCH_NAME ,DESCRIPTION ,START_DATE_ACTIVE ,END_DATE_ACTIVE
, LAST_UPDATE_DATE ,LAST_UPDATED_BY ,CREATED_BY ,CREATION_DATE ,LAST_UPDATE_LOGIN
, COST_PLUS_STRUCTURE ,IND_RATE_SCHEDULE_TYPE ,PROJECT_ID ,TASK_ID ,COST_OVR_SCH_FLAG
, REV_OVR_SCH_FLAG ,INV_OVR_SCH_FLAG ,BUSINESS_GROUP_ID FROM PA_IND_RATE_SCHEDULES_ALL_BG A
    Where A.BUSINESS_GROUP_ID = PA_UTILS.BUSINESS_GROUP_ID
```

### Column Descriptions

Name	Null?	Type	Description
IND_RATE_SCH_ID	NOT NULL	NUMBER(15)	Refer to base table.
IND_RATE_SCH_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
DESCRIPTION	NULL	VARCHAR2(250)	Refer to base table.
START_DATE_ACTIVE	NOT NULL	DATE	Refer to base table.
END_DATE_ACTIVE	NULL	DATE	Refer to base table.
LAST_UPDATE_DATE	NOT NULL	DATE	Refer to base table.
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Refer to base table.
CREATED_BY	NOT NULL	NUMBER(15)	Refer to base table.
CREATION_DATE	NOT NULL	DATE	Refer to base table.
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Refer to base table.
COST_PLUS_STRUCTURE	NOT NULL	VARCHAR2(30)	Refer to base table.
IND_RATE_SCHEDULE_TYPE	NOT NULL	VARCHAR2(1)	Refer to base table.
PROJECT_ID	NULL	NUMBER(15)	Refer to base table.
TASK_ID	NULL	NUMBER(15)	Refer to base table.
COST_OVR_SCH_FLAG	NULL	VARCHAR2(1)	Refer to base table.
REV_OVR_SCH_FLAG	NULL	VARCHAR2(1)	Refer to base table.
INV_OVR_SCH_FLAG	NULL	VARCHAR2(1)	Refer to base table.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to base table.

## PA\_IND\_RATE\_SCHEDULES\_ALL\_BG

PA\_IND\_RATE\_SCHEDULES\_ALL\_BG stores sets of burden rates (also referred to as burden schedules) that can be used to calculate burden amounts for expenditures charged to a project.

All burden schedules are owned by a business group. The view PA\_IND\_RATE\_SCHEDULES lists burden schedules for the business group in the implementation options under which you are logged on.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_COST_PLUS_STRUCTURES	COST_PLUS_STRUCTURE	COST_PLUS_STRUCTURE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
IND_RATE_SCHEDULE_TYPE	IND RATE SCHEDULE TYPE	PA_LOOKUPS
	F	Firm
	P	Provisional

### Column Descriptions

Name	Null?	Type	Description
IND_RATE_SCH_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number which uniquely identifies the burden schedule
IND_RATE_SCH_NAME	NOT NULL	VARCHAR2(30)	The implementation-defined name of the burden schedule
DESCRIPTION	NULL	VARCHAR2(250)	The description of the burden schedule
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the burden schedule
END_DATE_ACTIVE	NULL	DATE	Last effective date of the burden schedule
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
COST_PLUS_STRUCTURE	NOT NULL	VARCHAR2(30)	The name of the default burden structure that is used by the burden schedule
IND_RATE_SCHEDULE_TYPE	NOT NULL	VARCHAR2(1)	The type of the burden schedule
PROJECT_ID	NULL	NUMBER(15)	The identifier of the project which uses the burden schedule as schedule override
TASK_ID	NULL	NUMBER(15)	The identifier of the task which uses the burden schedule as schedule override
COST_OVR_SCH_FLAG	NULL	VARCHAR2(1)	Flag indicates whether the burden schedule can be used for costing schedule override

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REV_OVR_SCH_FLAG	NULL VARCHAR2(1)	Flag indicates whether the burden schedule can be used for revenue schedule override
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
INV_OVR_SCH_FLAG	NULL	VARCHAR2(1)	Flag indicates whether the burden schedule can be used for invoice schedule override
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Identifier of business group that owns the burden schedule

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_IND_RATE_SCHEDULES_N1	NOT UNIQUE	1	PROJECT_ID
PA_IND_RATE_SCHEDULES_N2	NOT UNIQUE	1	TASK_ID
PA_IND_RATE_SCHEDULES_U1	UNIQUE	1	IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_U2	UNIQUE	1	IND_RATE_SCH_NAME
		2	BUSINESS_GROUP_ID

*Sequences*

Sequence	Derived Column
PA_IND_RATE_SCHEDULES_S	IND_RATE_SCH_ID

## PA\_IND\_RATE\_SCH\_REVISIONS

PA\_IND\_RATE\_SCH\_REVISIONS stores revisions of burden schedules with different effective dates. Each revision is a group of burden rates that are effective between the start date and end date of the revision.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_COST_PLUS_STRUCTURES	COST_PLUS_STRUCTURE	COST_PLUS_STRUCTURE
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	IND_RATE_SCH_ID
PA_IND_RATE_SCH_REVISIONS	IND_RATE_SCH_REVISION_ID	ACTUAL_SCH_REVISION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
IND_RATE_SCH_REVISION_TYPE	IND RATE SCHEDULE REV TYPE	PA_LOOKUPS
	A	Actual
	F	Firm
	P	Provisional

### Column Descriptions

Name	Null?	Type	Description
IND_RATE_SCH_REVISION_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number which uniquely identifies the burden schedule revision
IND_RATE_SCH_ID	NOT NULL	NUMBER(15)	The identifier of the burden schedule that the revision belongs to
IND_RATE_SCH_REVISION	NOT NULL	VARCHAR2(30)	The implementation-defined name of the burden schedule revision
IND_RATE_SCH_REVISION_TYPE	NOT NULL	VARCHAR2(1)	The type of the burden schedule revision
COMPILED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicates whether the burden schedule revision is compiled
COST_PLUS_STRUCTURE	NOT NULL	VARCHAR2(30)	The name of the burden structure that the burden schedule uses for burdening
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the burden schedule revision
END_DATE_ACTIVE	NULL	DATE	Last effective date of the burden schedule revision
COMPILED_DATE	NULL	DATE	The date when the burden schedule revision was compiled
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
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
READY_TO_COMPILE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicates if the burden schedule is ready for compilation

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACTUAL_SCH_REVISION_ID	NULL	NUMBER(15)	The identifier of the actual burden schedule revision which applied on the provisional burden schedule revision

Indexes

Index Name	Index Type	Sequence	Column Name
PA_IND_RATE_SCH_REVISIONS_N1	NOT UNIQUE	1	IND_RATE_SCH_ID
PA_IND_RATE_SCH_REVISIONS_N2	NOT UNIQUE	1	COST_PLUS_STRUCTURE
PA_IND_RATE_SCH_REVISIONS_N3	NOT UNIQUE	1	ACTUAL_SCH_REVISION_ID
PA_IND_RATE_SCH_REVISIONS_U1	UNIQUE	1	IND_RATE_SCH_REVISION_ID
PA_IND_RATE_SCH_REVISIONS_U2	UNIQUE	1	IND_RATE_SCH_ID
		2	IND_RATE_SCH_REVISION
		3	IND_RATE_SCH_REVISION_TYPE

Sequences

Sequence	Derived Column
PA_IND_RATE_SCH_REVISIONS_S	IND_RATE_SCH_REVISION_ID

## PA\_INVOICE\_FORMATS

PA\_INVOICE\_FORMATS stores the implementation-defined configurations for grouping expenditure items into invoice lines. The format of the invoice line description is dependent on the type of grouping chosen for expenditure items. Labor, non-labor, and retention invoice lines have different invoice formats.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_INVOICE_GROUPS	INVOICE_GROUP_ID	INVOICE_GROUP_ID

### Column Descriptions

Name	Null?	Type	Description
INVOICE_FORMAT_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the invoice format
INVOICE_GROUP_ID	NOT NULL	NUMBER(15)	The identifier of the invoice group that classifies the invoice format. The invoice group specifies the grouping of expenditure items
NAME	NOT NULL	VARCHAR2(30)	The implementation-defined name that uniquely identifies the invoice format
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 the invoice format
END_DATE_ACTIVE	NULL	DATE	Last effective date for the invoice format
INTERCOMPANY_INVOICE_FLAG	NULL	VARCHAR2(1)	Indicates if this invoice format is for intercompany invoicing.
CUSTOMER_INVOICE_FLAG	NULL	VARCHAR2(1)	Indicates if this invoice format is for Customer invoicing.

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_INVOICE_FORMATS_N1	NOT UNIQUE	1	INVOICE_GROUP_ID
PA_INVOICE_FORMATS_U1	UNIQUE	1	INVOICE_FORMAT_ID
PA_INVOICE_FORMATS_U2	UNIQUE	1	NAME

### Sequences

Sequence	Derived Column
PA_INVOICE_FORMATS_S	INVOICE_FORMAT_ID



## PA\_INVOICE\_FORMAT\_DETAILS

PA\_INVOICE\_FORMAT\_DETAILS stores column values or free text strings defined for an invoice format. Each column value or free text string is placed between two specified positions in the invoice line description.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_INVOICE_FORMATS	INVOICE_FORMAT_ID	INVOICE_FORMAT_ID
PA_INVOICE_GROUP_COLUMNS	INVOICE_GROUP_COLUMN_ID	INVOICE_GROUP_COLUMN_ID

### Column Descriptions

Name	Null?	Type	Description
INVOICE_FORMAT_DETAIL_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the invoice format detail
INVOICE_FORMAT_ID	NOT NULL	NUMBER(15)	The identifier of the invoice format to which the invoice format detail line belongs
START_POSITION	NOT NULL	NUMBER(3)	The start position in which to display the column or text value in the invoice line description
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
END_POSITION	NOT NULL	NUMBER(3)	The end position in which to display the column or text value in the invoice line description
RIGHT_JUSTIFY_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the column value/text literal should be right justified in its position in the invoice line description
INVOICE_GROUP_COLUMN_ID	NULL	NUMBER(15)	The identifier of the invoice group column whose value is to be displayed in the invoice line description between the two position coordinates
TEXT	NULL	VARCHAR2(240)	The free text to be displayed as literal characters between the start and end positions in the invoice line description

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_INVOICE_FORMAT_DETAILS_N1	NOT UNIQUE	1	INVOICE_FORMAT_ID
		2	INVOICE_GROUP_COLUMN_ID
PA_INVOICE_FORMAT_DETAILS_N2	NOT UNIQUE	1	INVOICE_GROUP_COLUMN_ID
PA_INVOICE_FORMAT_DETAILS_U1	UNIQUE	1	INVOICE_FORMAT_DETAIL_ID
PA_INVOICE_FORMAT_DETAILS_U2	UNIQUE	1	INVOICE_FORMAT_ID
		2	START_POSITION

Sequences

Sequence	Derived Column
PA_INVOICE_FORMAT_DETAILS_S	INVOICE_FORMAT_DETAIL_ID

## PA\_INVOICE\_GROUPS

PA\_INVOICE\_GROUPS stores system-defined invoice line groupings. Oracle Projects provides all invoice groups upon installation.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
GROUP_TYPE_CODE	GROUP TYPE CODE	PA_LOOKUPS
	PROJECT	No grouping by task or work site
	SITE	Grouping by work site
	SITE/TASK	Grouping by top task and work site
	TASK	Grouping by top task
INVOICE_FORMAT_TYPE	INVOICE FORMAT TYPE	PA_LOOKUPS
	LABOR	Labor
	NON-LABOR	Non-Labor
	RETENTION	Retention

### Column Descriptions

Name	Null?	Type	Description
INVOICE_GROUP_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the invoice group
NAME	NOT NULL	VARCHAR2(80)	The name of the invoice 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
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
GROUP_TYPE_CODE	NOT NULL	VARCHAR2(30)	The columns by which expenditures items are grouped into invoice lines when using this invoice group
INVOICE_FORMAT_TYPE	NOT NULL	VARCHAR2(30)	The type of invoice format that the invoice group can be used for
INTERCOMPANY_INVOICE_FLAG	NUL	VARCHAR2(1)	Indicates if this invoice group is for intercompany invoicing
CUSTOMER_INVOICE_FLAG	NUL	VARCHAR2(1)	Indicates if this invoice group is for Customer invoicing

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_INVOICE_GROUPS_U1	UNIQUE	1	INVOICE_GROUP_ID
PA_INVOICE_GROUPS_U2	UNIQUE	1	NAME
		2	INVOICE_FORMAT_TYPE

## PA\_INVOICE\_GROUP\_COLUMNS

PA\_INVOICE\_GROUP\_COLUMNS stores columns associated with an invoice group that can be used to define invoice format details. Oracle Projects provides all invoice group columns upon installation.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_INVOICE_GROUPS	INVOICE_GROUP_ID	INVOICE_GROUP_ID

### Column Descriptions

Name	Null?	Type	Description
INVOICE_GROUP_COLUMN_ID (PK)	NOT NULL	NUMBER(15)	The system-defined number that uniquely identifies the invoice group column
INVOICE_GROUP_ID	NOT NULL	NUMBER(15)	The identifier of the invoice group to which the invoice group column belongs
NAME	NOT NULL	VARCHAR2(80)	The user-friendly name of the invoice group column
COLUMN_CODE	NOT NULL	VARCHAR2(30)	Code to identify the column that is the TEXT column of the invoice group. Each invoice group has one TEXT column in order to support entry of literal text strings for invoice format details
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
DEFAULT_RIGHT_JUSTIFY_FLAG	NOT NULL	VARCHAR2(1)	Flag to default the the right justify flag of the invoice format detail that use the group column
SELECT_TEXT	NOT NULL	VARCHAR2(500)	The text used in the select statement generated by the Generate Draft Invoice invoice formatting routine to retrieve column values
GROUP_BY_TEXT	NULL	VARCHAR2(500)	The text used in the group by statement generated by the Generate Draft Invoice invoice formatting routine. The order of the invoice lines based on the column values can be controlled by the implicit ordering in a group by statement
INTERCOMPANY_INVOICE_FLAG	NULL	VARCHAR2(1)	Indicates if this invoice format column is for intercompany invoicing
CUSTOMER_INVOICE_FLAG	NULL	VARCHAR2(1)	Indicates if this invoice format column is for customer invoicing

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_INVOICE_GROUP_COLUMNS_U1	UNIQUE	1	INVOICE_GROUP_COLUMN_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_INVOICE_GROUP_COLUMNS_U2	UNIQUE	1	INVOICE_GROUP_ID
		2	NAME

# PA\_INVOICE\_GROUP\_TABLES

PA\_INVOICE\_GROUP\_TABLES stores the names of the tables used by an invoice group to derive column values. Oracle Projects provides all invoices group tables upon installation.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_INVOICE_GROUP_COLUMNS	INVOICE_GROUP_COLUMN_ID	INVOICE_GROUP_COLUMN_ID

### Column Descriptions

Name	Null?	Type	Description
INVOICE_GROUP_COLUMN_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the invoice group column whose value is determined using the invoice group table
INVOICE_GROUP_TABLE_NAME (PK)	NOT NULL	VARCHAR2(30)	The name of the table
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
TEXT (PK)	NOT NULL	VARCHAR2(240)	The text used in the from clause of the sql statement generated by the Generate Draft Invoices invoice formatting routine

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_INVOICE_GROUP_TABLES_N1	NOT UNIQUE	1	INVOICE_GROUP_COLUMN_ID
		2	INVOICE_GROUP_TABLE_NAME

## PA\_INV\_BURDEN\_DETAILS\_LM\_V

This view shows individual burden cost components, along with the labor multiplier, of the bill amount.

### View Definition

```
CREATE VIEW PA_INV_BURDEN_DETAILS_LM_V
as SELECT
    ibdv.project_number ,ibdv.project_name ,ibdv.project_id ,ibdv.draft_invoice_num
,ibdv.ra_invoice_number ,ibdv.bill_through_date ,ibdv.released_date ,ibdv.invoice_date
,ibdv.gl_date ,ibdv.draft_invoice_item_line_num ,ibdv.expenditure_item_id ,ibdv.rdl_line_num
,ibdv.task_number ,ibdv.task_name ,ibdv.task_id ,ibdv.expenditure_organization
,ibdv.expenditure_organization_id ,ibdv.expenditure_type ,ibdv.expenditure_item_date
,ibdv.raw_cost ,ibdv.project_currency_code ,ibdv.bill_amount ,ibdv.burden_cost
,ibdv.cost_base ,ibdv.cb_sort_order ,ibdv.burden_cost_code ,ibdv.bcc_precedence
,ibdv.input_multiplier ,ibdv.compiled_multiplier ,ibdv.burden_schedule
,ibdv.burden_schedule_id ,ibdv.burden_schedule_revision ,ibdv.burden_schedule_revision_id
,ibdv.burden_structure ,ibdv.compiled_set_id FROM pa_inv_burden_details_v ibdv UNION ALL
SELECT ibdv.project_number ,ibdv.project_name ,ibdv.project_id ,ibdv.draft_invoice_num
,ibdv.ra_invoice_number ,ibdv.bill_through_date ,ibdv.released_date ,ibdv.invoice_date
,ibdv.gl_date ,ibdv.draft_invoice_item_line_num ,ibdv.expenditure_item_id ,ibdv.rdl_line_num
,ibdv.task_number ,ibdv.task_name ,ibdv.task_id ,ibdv.expenditure_organization
,ibdv.expenditure_organization_id ,ibdv.expenditure_type ,ibdv.expenditure_item_date
,ibdv.raw_cost ,ibdv.project_currency_code ,ibdv.bill_amount ,ibdv.bill_amount -
(ibdv.raw_cost * (1+sum(ibdv.compiled_multiplier))) ,ibdv.cost_base ,ibdv.cb_sort_order
,substr(lmlup.meaning,1,30) ,max(ibdv.bcc_precedence) + 1 ,(ibdv.bill_amount - (ibdv.raw_cost
* (1+ sum(ibdv.compiled_multiplier)))) / (ibdv.raw_cost * (1+sum(ibdv.compiled_multiplier)))
,decode( (ibdv.bill_amount - (ibdv.raw_cost * (1+ sum(ibdv.compiled_multiplier)))) /
(ibdv.raw_cost * (1+sum(ibdv.compiled_multiplier))), 0,0, (ibdv.bill_amount - (ibdv.raw_cost
* (1+ sum(ibdv.compiled_multiplier)))) / ibdv.raw_cost) ,ibdv.burden_schedule
,ibdv.burden_schedule_id ,ibdv.burden_schedule_revision ,ibdv.bu
rden_schedule_revision_id ,ibdv.burden_structure ,ibdv.compiled_set_id FROM
pa_inv_burden_details_v ibdv, pa_lookups lmlup
Where lmlup.lookup_type = 'TRANSLATION' AND lmlup.lookup_code = 'LABOR MULTIPLIER BCC'
GROUP BY ibdv.project_number ,ibdv.project_name ,ibdv.project_id ,ibdv.draft_invoice_num
,ibdv.ra_invoice_number ,ibdv.bill_through_date ,ibdv.released_date ,ibdv.invoice_date
,ibdv.gl_date ,ibdv.draft_invoice_item_line_num ,ibdv.expenditure_item_id ,ibdv.rdl_line_num
,ibdv.task_number ,ibdv.task_name ,ibdv.task_id ,ibdv.expenditure_organization
,ibdv.expenditure_organization_id ,ibdv.expenditure_type ,ibdv.expenditure_item_date
,ibdv.raw_cost ,ibdv.project_currency_code ,ibdv.bill_amount ,ibdv.cost_base
,ibdv.cb_sort_order ,substr(lmlup.meaning,1,30) ,ibdv.burden_schedule
,ibdv.burden_schedule_id ,ibdv.burden_schedule_revision ,ibdv.burden_schedule_revision_id
,ibdv.burden_structure ,ibdv.compiled_set_id HAVING ibdv.bill_amount != (ibdv.raw_cost *
(1+sum(ibdv.compiled_multiplier)))
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_NUMBER	NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NULL	VARCHAR2(30)	Refer to base table.
PROJECT_ID	NULL	NUMBER(15)	Refer to base table.
DRAFT_INVOICE_NUM	NULL	NUMBER(15)	Refer to base table.

Column Descriptions (Continued)

Name	Null?	Type	Description
RA_INVOICE_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
BILL_THROUGH_DATE	NULL	DATE	Refer to base table.
RELEASED_DATE	NULL	DATE	Refer to base table.
INVOICE_DATE	NULL	DATE	Refer to base table.
GL_DATE	NULL	DATE	Refer to base table.
DRAFT_INVOICE_ITEM_LINE_NUM	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	Refer to base table.
RDL_LINE_NUM	NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER	NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NULL	VARCHAR2(20)	Refer to base table.
TASK_ID	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION	NULL	VARCHAR2(60)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
RAW_COST	NULL	NUMBER(22,5)	Refer to base table.
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project functional currency code
BILL_AMOUNT	NULL	NUMBER(22,5)	Refer to base table.
BURDEN_COST	NULL	NUMBER	Refer to base table.
COST_BASE	NULL	VARCHAR2(30)	Refer to base table.
CB_SORT_ORDER	NULL	NUMBER(15)	Refer to base table.
BURDEN_COST_CODE	NULL	VARCHAR2(30)	Refer to base table.
BCC_PRECEDENCE	NULL	NUMBER	Refer to base table.
INPUT_MULTIPLIER	NULL	NUMBER	Refer to base table.
COMPILED_MULTIPLIER	NULL	NUMBER	Refer to base table.
BURDEN_SCHEDULE	NULL	VARCHAR2(30)	Refer to base table.
BURDEN_SCHEDULE_ID	NULL	NUMBER(15)	Refer to base table.
BURDEN_SCHEDULE_REVISION	NULL	VARCHAR2(30)	Refer to base table.
BURDEN_SCHEDULE_REVISION_ID	NULL	NUMBER(15)	Refer to base table.
BURDEN_STRUCTURE	NULL	VARCHAR2(30)	Refer to base table.
COMPILED_SET_ID	NULL	NUMBER(15)	Refer to base table.



## PA\_INV\_BURDEN\_DETAILS\_V

This view shows the individual burden cost components of the invoice amount of expenditure items that are invoiced using burden schedules.

### View Definition

```
CREATE VIEW PA_INV_BURDEN_DETAILS_V
as SELECT
    p.segment1 , p.name , rdl.project_id , rdl.draft_invoice_num , di.ra_invoice_number ,
    di.bill_through_date , di.released_date , di.invoice_date , di.gl_date ,
    rdl.draft_invoice_item_line_num , ei.expenditure_item_id , rdl.line_num , t.task_number ,
    t.task_name , t.task_id , bdb.expenditure_organization , bdb.expenditure_organization_id ,
    ei.expenditure_type , ei.expenditure_item_date , rdl.raw_cost , ei.project_currency_code ,
    rdl.bill_amount , PA_CURRENCY.ROUND_CURRENCY_AMT(rdl.raw_cost * bdb.compiled_multiplier) ,
    bdb.cost_base , bdb.cb_sort_order , bdb.burden_cost_code , bdb.bcc_precedence ,
    bdb.input_multiplier , bdb.compiled_multiplier , bdb.burden_schedule , bdb.burden_schedule_id
    , bdb.burden_schedule_revision , bdb.burden_schedule_revision_id , bdb.burden_structure ,
    bdb.compiled_set_id FROM pa_burden_details_base_v bdb, pa_draft_invoice_items dii,
    pa_draft_invoices di, pa_expenditures_all e, pa_tasks t, pa_projects p,
    pa_expenditure_items_all ei, pa_cust_rev_dist_lines rdl
    Where bdb.compiled_set_id = rdl.inv_ind_compiled_set_id AND bdb.expenditure_type =
    ei.expenditure_type AND bdb.expenditure_organization_id = nvl(ei.override_to_organization_id,
    e.incurred_by_organization_id) AND ei.expenditure_item_id = rdl.expenditure_item_id AND
    rdl.project_id = dii.project_id AND rdl.draft_invoice_num = dii.draft_invoice_num AND
    rdl.draft_invoice_item_line_num = dii.line_num AND di.project_id = dii.project_id AND
    di.draft_invoice_num = dii.draft_invoice_num AND dii.invoice_line_type != 'NET ZERO
    ADJUSTMENT' AND e.expenditure_id = ei.expenditure_id AND t.task_id = ei.task_id AND
    p.project_id = rdl.project_id
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
DRAFT_INVOICE_NUM	NULL	NUMBER(15)	Refer to base table.
RA_INVOICE_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
BILL_THROUGH_DATE	NULL	DATE	Refer to base table.
RELEASED_DATE	NULL	DATE	Refer to base table.
INVOICE_DATE	NULL	DATE	Refer to base table.
GL_DATE	NULL	DATE	Refer to base table.
DRAFT_INVOICE_ITEM_LINE_NUM	NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Refer to base table.
RDL_LINE_NUM	NOT NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Refer to base table.
RAW_COST	NULL	NUMBER(22,5)	Refer to base table.

Column Descriptions (Continued)

Name	Null?	Type	Description
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project functional currency code
BILL_AMOUNT	NULL	NUMBER(22,5)	Refer to base table.
BURDEN_COST	NULL	NUMBER	Refer to base table.
COST_BASE	NOT NULL	VARCHAR2(30)	Refer to base table.
CB_SORT_ORDER	NOT NULL	NUMBER(15)	Refer to base table.
BURDEN_COST_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
BCC_PRECEDENCE	NOT NULL	NUMBER(15)	Refer to base table.
INPUT_MULTIPLIER	NOT NULL	NUMBER(22,5)	Refer to base table.
COMPILED_MULTIPLIER	NOT NULL	NUMBER(22,5)	Refer to base table.
BURDEN_SCHEDULE	NOT NULL	VARCHAR2(30)	Refer to base table.
BURDEN_SCHEDULE_ID	NOT NULL	NUMBER(15)	Refer to base table.
BURDEN_SCHEDULE_REVISION	NOT NULL	VARCHAR2(30)	Refer to base table.
BURDEN_SCHEDULE_REVISION_ID	NOT NULL	NUMBER(15)	Refer to base table.
BURDEN_STRUCTURE	NOT NULL	VARCHAR2(30)	Refer to base table.
COMPILED_SET_ID	NOT NULL	NUMBER(15)	Refer to base table.

## PA\_INV\_GRP\_COL\_WHR\_CLAUSES

PA\_INV\_GRP\_COL\_WHR\_CLAUSES links table columns to the SQL statement WHERE clauses that invoice groups use to derive column values.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_INVOICE_GROUP_COLUMNS	INVOICE_GROUP_COLUMN_ID	INVOICE_GROUP_COLUMN_ID
PA_INV_GRP_WHR_CLAUSES	INVOICE_GROUP_WHERE_CLAUSE_ID	INVOICE_GROUP_WHERE_CLAUSE_ID

### Column Descriptions

Name	Null?	Type	Description
INVOICE_GROUP_COLUMN_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the invoice group column that is assigned to the column where clauses
INVOICE_GROUP_WHERE_CLAUSE_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the invoice group column where clause that is assigned to the invoice group column
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
PA_INV_GRP_COL_WHR_CLAUSES_N1	NOT UNIQUE	1	INVOICE_GROUP_WHERE_CLAUSE_ID
PA_INV_GRP_COL_WHR_CLAUSES_U1	UNIQUE	1	INVOICE_GROUP_COLUMN_ID
		2	INVOICE_GROUP_WHERE_CLAUSE_ID

PA\_INV\_GRP\_WHR\_CLAUSES

PA\_INV\_GRP\_WHR\_CLAUSES stores the SQL statement WHERE clauses that invoice groups use to derive column values. Oracle Projects provides all invoice group where clauses upon installation.

Column Descriptions

Name	Null?	Type	Description
INVOICE_GROUP_WHERE_CLAUSE_ID (PK)	NOT NULL	NUMBER(15)	The system-defined number that uniquely identifies the invoice group column where clause
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	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
TEXT	NOT NULL	VARCHAR2(240)	The text used in the where clause of the sql statement generated by the Generate Draft Invoice invoice formatting routine

Indexes

Index Name	Index Type	Sequence	Column Name
PA_INV_GRP_WHR_CLAUSES_U1	UNIQUE	1	INVOICE_GROUP_WHERE_CLAUSE_ID

## PA\_JE\_LINES

PA\_JE\_LINES is used by the Oracle Projects GL Transfer Audit reports to retrieve project-related journal entry lines.

### View Definition

```
CREATE VIEW PA_JE_LINES
as SELECT
    l.je_header_id
    , l.je_line_num
    , l.set_of_books_id
    , l.code_combination_id
    , l.entered_dr
    , l.entered_cr
    , l.accounted_dr
    , l.accounted_cr
    , l.description
    , l.reference_1
    , l.reference_2
    , l.reference_3
FROM GL_JE_LINES L
    , GL_JE_HEADERS H
    , PA_IMPLEMENTATIONS I
WHERE l.je_header_id = h.je_header_id
AND    h.je_source    = 'Project Accounting'
```

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_JE_HEADERS	JE_HEADER_ID	JE_HEADER_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID

### Column Descriptions

Name	Null?	Type	Description
JE_HEADER_ID	NULL	NUMBER(15)	The identifier of the journal entry header
JE_LINE_NUM	NULL	NUMBER(15)	The number of the journal entry line
SET_OF_BOOKS_ID	NULL	NUMBER(15)	The identifier of the set of books under which the journal entry is posted
CODE_COMBINATION_ID	NULL	NUMBER(15)	The identifier of the GL account to which the journal entry is posted
ENTERED_DR	NULL	NUMBER(22,5)	The debit amount entered
ENTERED_CR	NULL	NUMBER(22,5)	The credit amount entered
ACCOUNTED_DR	NULL	NUMBER(22,5)	The debit amount accounted for
ACCOUNTED_CR	NULL	NUMBER(22,5)	The credit amount accounted for
DESCRIPTION	NULL	VARCHAR2(240)	The description of the journal entry line

Column Descriptions (Continued)

Name	Null?	Type	Description
REFERENCE_1	NULL	VARCHAR2(25)	The reference to cost and revenue distribution lines and UBR/UER amounts summarized and transferred from Oracle Projects. This column holds the ccid, gl date, and transfer request id separated by hyphens.
REFERENCE_2	NULL	VARCHAR2(25)	The ccid of the distribution lines summarized and transferred. For cost lines, this holds the liability account. For revenue lines, this holds the ccid of the je line.
REFERENCE_3	NULL	VARCHAR2(25)	The reference to the type of lines transferred. For cost lines, the values may be 'Cost' or 'Liability'. For revenue lines, the values may be 'Revenue - Normal Revenue', 'Revenue - Event Revenue', 'Revenue - UBR', and 'Revenue - UER'.

## PA\_JOB\_ASSIGNMENT\_OVERRIDES

PA\_JOB\_ASSIGNMENT\_OVERRIDES stores special employee job assignments and/or billing titles that are negotiated for specific projects or tasks. A job assignment or billing title override takes precedence over an employee's primary job title.

If job bill rates are used on a project, the Generate Draft Revenue process uses the job assignment override to calculate revenue instead of an employee's primary job assignment. Also, the Generate Draft Invoice process displays the billing title override and the job title of the job assignment override on an invoice line, providing that the invoice format for that project invoice displays job and billing titles.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID
PER_JOBS	JOB_ID	JOB_ID

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID (PK)	NOT NULL	NUMBER(9)	The identifier of the employee that will be billed according to the job assignment override
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 (PK)	NOT NULL	DATE	First effective date of the job assignment override
PROJECT_ID (PK)	NULL	NUMBER(15)	The identifier of the project for which the job assignment override is entered
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task for which the job assignment override is entered
JOB_ID	NULL	NUMBER(15)	The identifier of the job that overrides the employee's primary job assignment
BILLING_TITLE	NULL	VARCHAR2(80)	The employee billing title override for the employee
END_DATE_ACTIVE	NULL	DATE	Last effective date of the job assignment override

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_JOB_ASSIGNMENT_OVERRIDES_N1	NOT UNIQUE	1	PROJECT_ID
		2	PERSON_ID
PA_JOB_ASSIGNMENT_OVERRIDES_N2	NOT UNIQUE	1	TASK_ID
		2	PERSON_ID

## PA\_JOB\_BILL\_RATE\_OVERRIDES

PA\_JOB\_BILL\_RATE\_OVERRIDES stores special job billing rates negotiated for specific projects or tasks. A job bill rate override takes precedence over the billing rate on the standard bill rate schedule.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_JOBS	JOB_ID	JOB_ID

### Column Descriptions

Name	Null?	Type	Description
JOB_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the job that will be billed according to the job bill rate override
START_DATE_ACTIVE (PK)	NOT NULL	DATE	First effective date of the job bill rate override
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
RATE	NOT NULL	NUMBER(22,5)	The bill rate used to determine an item's revenue or bill amount. Revenue = (bill rate * quantity)
BILL_RATE_UNIT	NOT NULL	VARCHAR2(30)	The code of the bill rate unit. This value is always 'HOURS' because 'HOURS' is the only unit supported for labor items
PROJECT_ID (PK)	NULL	NUMBER(15)	The identifier of the project for which the job bill rate override is entered
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task for which the job bill rate override is entered
END_DATE_ACTIVE	NULL	DATE	Last effective date of the job bill rate override

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_JOB_BILL_RATE_OVERRIDES_N1	NOT UNIQUE	1	TASK_ID
		2	JOB_ID
		3	START_DATE_ACTIVE
PA_JOB_BILL_RATE_OVERRIDES_N2	NOT UNIQUE	1	PROJECT_ID
		2	JOB_ID
		3	START_DATE_ACTIVE
PA_JOB_BILL_RATE_OVERRIDES_U1	UNIQUE	1	PROJECT_ID
		2	TASK_ID
		3	JOB_ID
		4	START_DATE_ACTIVE

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## PA\_JOB\_BILL\_TITLE\_OVERRIDES

PA\_JOB\_BILL\_TITLE\_OVERRIDES stores special job billing titles negotiated for specific projects or tasks. A job billing title override takes precedence over the job's name when the Generate Draft Invoices process displays the Job Billing Title column on an invoice line description.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_JOBS	JOB_ID	JOB_ID

### Column Descriptions

Name	Null?	Type	Description
JOB_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the job that will be invoiced using the job billing title override
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 (PK)	NOT NULL	DATE	First effective date of the job billing title override
BILLING_TITLE	NOT NULL	VARCHAR2(80)	The text displayed on an invoice for the job title
PROJECT_ID (PK)	NULL	NUMBER(15)	The identifier of the project for which the job billing title override is entered
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task for which the job billing title override is entered
END_DATE_ACTIVE	NULL	DATE	Last effective date of the job billing title override

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_JOB_BILL_TITLE_OVERRIDES_N1	NOT UNIQUE	1	PROJECT_ID
		2	JOB_ID
PA_JOB_BILL_TITLE_OVERRIDES_N2	NOT UNIQUE	1	TASK_ID
		2	JOB_ID

# PA\_KEY\_MEMBERS\_LOV\_V

PA\_KEY\_MEMBERS\_LOV\_V is a view used to retrieve the names and employee identification members of all valid key members from Oracle Projects.

View Definition

```
CREATE VIEW PA_KEY_MEMBERS_LOV_V
as SELECT
    PERSON_ID
    , FULL_NAME
FROM PA_EMPLOYEES
```

Column Descriptions

Name	Null?	Type	Description
CODE	NOT NULL	NUMBER(9)	Refer to base table.
DESCRIPTION	NULL	VARCHAR2(240)	Refer to base table.

PA\_LABOR\_COST\_MULTIPLIERS

PA\_LABOR\_COST\_MULTIPLIERS stores multipliers that are used to determine premium hourly cost rates for overtime overtime expenditure items.

PREMIUM COST RATE = (RAW COST RATE x LABOR COST MULTIPLIER)

See Tracking Overtime and Premium Labor Costs in the Oracle Projects User’s Guide for more information about using labor cost multipliers to process overtime hours.

Column Descriptions

Name	Null?	Type	Description
LABOR_COST_MULTIPLIER_NAME (PK)	NOT NULL	VARCHAR2(20)	Implementation-defined name that uniquely identifies the labor cost multiplier
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the labor cost multiplier
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
MULTIPLIER	NOT NULL	NUMBER(22,4)	The multiplier used to determine the cost of premium labor items
END_DATE_ACTIVE	NULL	DATE	Last effective date of the labor cost multiplier

Indexes

Index Name	Index Type	Sequence	Column Name
PA_LABOR_COST_MULTIPLIERS_U1	UNIQUE	1	LABOR_COST_MULTIPLIER_NAME
		2	START_DATE_ACTIVE

## PA\_LABOR\_EXPENDITURES\_VIEW

PA\_LABOR\_EXPENDITURES\_VIEW shows detail labor transactions for employee activity and utilization.

### View Definition

```
CREATE VIEW PA_LABOR_EXPENDITURES_VIEW
as SELECT
    p.project_id
    , p.segment1
    , p.name
    , p.project_type
    , t.task_id
    , t.task_number
    , t.task_name
    , per.person_id
    , per.employee_number
    , per.full_name
    , job.job_id
    , job.name
    , org.organization_id
    , org.name
    , e.expenditure_ending_date
    , e.orig_user_exp_txn_reference
    , ei.expenditure_item_date
    , ei.expenditure_type
    , decode(ei.system_linkage_function,'ST'
    ,nvl(ei.quantity,0) ,0)
    , decode(ei.system_linkage_function,'OT'
    ,nvl(ei.quantity,0),0)
    , decode(ei.system_linkage_function,'ST'
    , decode(ei.billable_flag,'Y',nvl(ei.quantity,0),0),0)
    , decode(ei.system_linkage_function,'ST'
    , decode(ei.billable_flag,'N',nvl(ei.quantity,0),0),0)
    , ei.raw_cost
    , ei.burden_cost
    , nvl(ei.adjusted_revenue,ei.raw_revenue)
    , ei.accrued_revenue
    , ei.billable_flag
    , ei.denom_currency_code
    , ei.denom_raw_cost
    , ei.denom_burdened_cost
    , ei.acct_currency_code
    , ei.acct_rate_date
    , ei.acct_rate_type
    , ei.acct_exchange_rate
    , ei.acct_raw_cost
    , ei.acct_burdened_cost
    , ei.project_currency_code
    , ei.project_rate_date
    , ei.project_rate_type
    , ei.project_exchange_rate
    , e.transfer_status_code
    , e.wf_status_code
    , e.orig_exp_txn_reference1
```

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```

        , e.orig_exp_txn_reference2
        , e.orig_exp_txn_reference3
        , e.user_batch_name
        , e.overriding_approver_person_id
FROM
    pa_projects_all p,
    pa_tasks t,
    pa_expenditures_all e,
    pa_expenditure_items_all ei,
    per_people_f per,
    per_jobs job,
    hr_organization_units org
    Where p.project_id = t.project_id
AND     t.task_id = ei.task_id
AND     ei.expenditure_id = e.expenditure_id
AND     e.incurred_by_person_id = per.person_id
AND     trunc(sysdate) between per.effective_start_date
        AND per.effective_end_date
AND     per.employee_number is not null
AND     ei.system_linkage_function IN ('ST','OT')
AND     ei.job_id = job.job_id (+)
AND     e.incurred_by_organization_id = org.organization_id

```

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project to which the expenditure item is charged
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	The number of the project
PROJECT_NAME	NOT NULL	VARCHAR2(30)	The name of the project
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	The project type of the project
TASK_ID	NOT NULL	NUMBER(15)	The identifier of the task to which the expenditure item is charged
TASK_NUMBER	NOT NULL	VARCHAR2(25)	The number of the task
TASK_NAME	NOT NULL	VARCHAR2(20)	The name of the task
INCURRED_BY_PERSON_ID	NOT NULL	NUMBER(10)	The identifier of the employee who incurred the expenditure item
INCURRED_BY_EMPLOYEE_NUM	NULl	VARCHAR2(30)	The number of the employee
INCURRED_BY_NAME	NULl	VARCHAR2(240)	The full name of the employee
JOB_ID	NULl	NUMBER(15)	The identifier of the job to which the employee is assigned as of the expenditure item date
JOB_NAME	NULl	VARCHAR2(240)	The name of the job to which the employee is assigned as of the expenditure item date
ASSIGNED_TO_ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the organization to which the employee is assigned as of the expenditure item date
ASSIGNED_TO_ORGANIZATION_NAME	NOT NULL	VARCHAR2(60)	The name of the organization to which the employee is assigned as of the expenditure item date

EXPENDITURE_ENDING_DATE	NOT NULL	DATE	The expenditure ending date in which the expenditure item date falls
ORIG_USER_EXP_TXN_REFERENCE	NULL	VARCHAR2(60)	Refer to base table.

*Column Descriptions (Continued)*

Name	Null?	Type	Description
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	The date of the expenditure item
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	The expenditure type of the expenditure item
TOTAL_HOURS	NULL	NUMBER	Total straight time hours. If the expenditure type of the item is classified with a system linkage of ALLOCATED_OVERTIME, the total hours is displayed as 0 for that item
PREMIUM_HOURS	NULL	NUMBER	Premium hours. If the expenditure type of the item is classified with a system linkage of ALLOCATED_OVERTIME, the hours are reported in this column
BILLABLE_HOURS	NULL	NUMBER	Billable straight time hours
NON_BILLABLE_HOURS	NULL	NUMBER	Non-billable straight time hours
RAW_COST	NULL	NUMBER(22,5)	Raw cost
BURDEN_COST	NULL	NUMBER(22,5)	Burden cost
POTENTIAL_REVENUE	NULL	NUMBER	Potential revenue
ACCRUED_REVENUE	NULL	NUMBER(22,5)	Accrued revenue
BILLABLE_FLAG	NOT NULL	VARCHAR2(1)	Billable flag of the expenditure item
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency code
DENOM_RAW_COST	NULL	NUMBER	Raw cost in transaction currency
DENOM_BURDENED_COST	NULL	NUMBER	Burdened cost in transaction currency
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Functional currency code
ACCT_RATE_DATE	NULL	DATE	Conversion date used to convert raw cost from transaction currency to functional currency
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion type used to convert raw cost from transaction currency to functional currency
ACCT_EXCHANGE_RATE	NULL	NUMBER	Conversion rate used to convert raw cost from transaction currency to functional currency.
ACCT_RAW_COST	NULL	NUMBER	Raw cost in functional currency
ACCT_BURDENED_COST	NULL	NUMBER	Burdened cost in functional currency
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project currency code.
PROJECT_RATE_DATE	NULL	DATE	Conversion date used to convert raw cost from transaction currency to project currency.
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion date used to convert raw cost from transaction currency to project currency.

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PROJECT_EXCHANGE_RATE	NULL	NUMBER	Conversion rate used to convert raw cost from transaction currency to project currency.
TRANSFER_STATUS_CODE	NULL	VARCHAR2(1)	Indicates the status of the timecard transferred from Self Service Time to Oracle Projects.
WF_STATUS_CODE	NULL	VARCHAR2(30)	Indicates the status of the workflow associated with the timecard approval

*Column Descriptions (Continued)*

Name	Null?	Type	Description
ORIG_EXP_TXN_REFERENCE1	NULL	VARCHAR2(60)	Refer to base table.
ORIG_EXP_TXN_REFERENCE2	NULL	VARCHAR2(60)	Refer to base table.
ORIG_EXP_TXN_REFERENCE3	NULL	VARCHAR2(60)	Refer to base table.
USER_BATCH_NAME	NULL	VARCHAR2(50)	Batch name for timecards entered through Self Service Time, used to group timecards into batches through Transaction Import
OVERRIDING_APPROVER_PERSON_ID	NULL	NUMBER	Overriding approver for the timecard

## PA\_LABOR\_MULTIPLIERS

PA\_LABOR\_MULTIPLIERS stores special multipliers negotiated for a project or task. The multipliers are applied to raw costs of labor items to determine revenue and/or billing amounts. A labor multiplier takes precedence over the standard bill rate schedules for a project or task.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NULL	NUMBER(15)	The identifier of the project for which the labor multiplier is entered
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task for which the labor multiplier is entered
LABOR_MULTIPLIER	NOT NULL	NUMBER(22,5)	The multiplier used to determine the revenue and/or billing for labor items. Raw revenue = (raw cost * labor multiplier)
START_DATE_ACTIVE (PK)	NOT NULL	DATE	First effective date of the labor multiplier
END_DATE_ACTIVE	NULL	DATE	Last effective date of the labor multiplier
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

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_LABOR_MULTIPLIERS_N1	NOT UNIQUE	1	TASK_ID
		2	START_DATE_ACTIVE
PA_LABOR_MULTIPLIERS_U1	UNIQUE	1	PROJECT_ID
		2	TASK_ID
		3	START_DATE_ACTIVE



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## PA\_LOOKUPS

PA\_LOOKUPS is a view of codes or values associated with system-defined lookup types for Oracle Projects. Lookup codes can be user-defined or system-defined.

Oracle Projects prevents users from deleting system-defined lookup codes.

Many user-defined lookup codes are defined during implementation.

This view is a multi-lingual view. The meaning and description for each lookup code are defined in each installed language of Oracle Applications. Based on the language of the session, the meaning and description in that language are displayed to the user.

### *View Definition*

```
CREATE VIEW PA_LOOKUPS
as SELECT
    lookup_type,
    lookup_code,
    meaning,
    description,
    enabled_flag,
    tag,
    start_date_active,
    end_date_active,
    created_by,
    creation_date,
    last_updated_by,
    last_update_login,
    last_update_date,
    attribute_category,
    attribute1,
    attribute2,
    attribute3,
    attribute4,
    attribute5,
    attribute6,
    attribute7,
    attribute8,
    attribute9,
    attribute10,
    attribute11,
    attribute12,
    attribute13,
    attribute14,
    attribute15
    from fnd_lookup_values LV
    Where LANGUAGE = userenv('LANG')
    and VIEW_APPLICATION_ID = 275
    and SECURITY_GROUP_ID = fnd_global.lookup_security_group(LV.LOOKUP_TYPE,
LV.VIEW_APPLICATION_ID)
```

## Column Descriptions

Name	Null?	Type	Description
LOOKUP_TYPE	NOT NULL	VARCHAR2(30)	lookup type to which the lookup code belongs
LOOKUP_CODE	NOT NULL	VARCHAR2(30)	Code that uniquely identifies the lookup code within a lookup type
MEANING	NOT NULL	VARCHAR2(80)	User friendly name of the lookup code
DESCRIPTION	NULL	VARCHAR2(240)	Description of the lookup code
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Specifies whether the lookup code is enabled for use as a quick code
PREDEFINED_FLAG	NULL	VARCHAR2(30)	Identifies the predefined codes that cannot be deleted
START_DATE_ACTIVE	NULL	DATE	First effective date of the lookup code
END_DATE_ACTIVE	NULL	DATE	Last effective date of the lookup code
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_LOGIN	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT 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
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

# PA\_LOOKUP\_TYPES

PA\_LOOKUP\_TYPES is a view of system-defined application-specific categories of lookup codes for Oracle Projects. All lookup types are system-defined.

Oracle Projects provides all lookup types upon installation. This view is a multi-lingual view. The meaning and description for each lookup type are defined in each installed language of Oracle Applications. Based on the language of the session, the meaning and description in that language are displayed to the user.

### View Definition

```
CREATE VIEW PA_LOOKUP_TYPES
as SELECT
    FLT.lookup_type
    ,TL.meaning
    ,TL.description
    ,decode(FLT.customization_level,'E','Y','N')
    ,TL.created_by
    ,TL.creation_date
    ,TL.last_updated_by
    ,TL.last_update_date
    ,TL.last_update_login
from fnd_lookup_types FLT
    ,fnd_lookup_types_tl TL
    Where FLT.lookup_type = TL.lookup_type
and   FLT.view_application_id = TL.view_application_id
and   FLT.security_group_id   = TL.security_group_id
and   TL.LANGUAGE = userenv('LANG')
and   FLT.VIEW_APPLICATION_ID = 275
and   FLT.SECURITY_GROUP_ID = fnd_global.lookup_security_group(FLT.LOOKUP_TYPE,
FLT.VIEW_APPLICATION_ID)
```

### Column Descriptions

Name	Null?	Type	Description
LOOKUP_TYPE	NOT NULL	VARCHAR2(30)	Name that uniquely identifies the lookup type
MEANING	NOT NULL	VARCHAR2(80)	User friendly name of the lookup type
DESCRIPTION	NULl	VARCHAR2(240)	Description of the lookup type
USER_DEFINABLE_FLAG	NULl	VARCHAR2(1)	Flag that indicates user can define lookup code for the lookup type
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	NULl	NUMBER(15)	Standard Who column

## PA\_MASS\_UPDATE\_BATCHES\_ALL

PA\_MASS\_UPDATE\_BATCHES\_ALL holds the batch-related information for the mass update of project/task attributes.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BATCH_STATUS_CODE	MASS_UPDATE_BATCH_STATUS	PA_LOOKUPS
	C	Completed
	P	Processing
	R	Rejected
	S	Submitted
REJECTION_CODE	W	Working
	MASS_UPDATE_REJECTION_CODE	PA_LOOKUPS
	EFFECTIVE_DATE	Batch is not ready for processing due to the effective
	INVALID_STATUS	The batch is not in Submitted status
	LINES_REJECTED	At least one detail line was rejected for this batch
	SQL_ERROR	Internal SQL Error

### Column Descriptions

Name	Null?	Type	Description
BATCH_ID (PK)	NOT NULL	NUMBER	System-generated number that uniquely identifies the batch
BATCH_NAME	NOT NULL	VARCHAR2(30)	User-defined name that uniquely identifies the batch
DESCRIPTION	NULL	VARCHAR2(150)	Description of the batch
BATCH_STATUS_CODE	NOT NULL	VARCHAR2(1)	Status of the batch as it is entered, submitted, released for Processing after the Processing is completed
PROJECT_ATTRIBUTE	NULL	VARCHAR2(30)	Project or Task Attribute which will be updated
REJECTION_CODE	NULL	VARCHAR2(30)	The reason that the batch was rejected by the batch process
EFFECTIVE_DATE	NULL	DATE	The date when the batch should become available for processing and when expenditure items should be marked for recalculation
PROCESS_RUN_DATE	NULL	DATE	Date on which the Mass Project Attribute Update Process was run to process the batch
PROCESS_RUN_BY	NULL	NUMBER	Identifier of the person who ran the Mass Project Attribute Update Process to process the batch
ORG_ID	NULL	NUMBER	Operating Unit Identifier for multi-organization installations
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

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ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
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Column Descriptions (Continued)

Name	Null?	Type	Description
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
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
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
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
PA_MASS_UPDATE_BATCHES_N1	NOT UNIQUE	1	BATCH_NAME
PA_MASS_UPDATE_BATCHES_U1	UNIQUE	1	BATCH_ID

## PA\_MASS\_UPDATE\_DETAILS

PA\_MASS\_UPDATE\_DETAILS holds the line details for the batches created for the mass update of project/task attributes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_MASS_UPDATE_BATCHES_ALL	BATCH_ID	BATCH_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REJECTION_REASON	MASS_UPDATE_REJECTION_CODE	PA_LOOKUPS
	EFFECTIVE_DATE	Batch is not ready for processing due to the effective
	INVALID_STATUS	The batch is not in Submitted status
	LINES_REJECTED	At least one detail line was rejected for this batch
	SQL_ERROR	Internal SQL Error

### Column Descriptions

Name	Null?	Type	Description
BATCH_ID	NOT NULL	NUMBER	System-generated number that uniquely identifies the batch
LINE_ID	NOT NULL	NUMBER	System-generated number that uniquely identifies the detail line
PROJECT_ID	NOT NULL	NUMBER	Identifier of the Project whose attribute will be updated by the Mass Project Attribute Update Proc
TASK_ID	NULL	NUMBER	Identifier of the Task whose attribute will be updated by the Mass Project Attribute Update Process
REJECTION_REASON	NULL	VARCHAR2(150)	Reason why the Project/Task attribute could not be updated
OLD_ATTRIBUTE_VALUE	NULL	VARCHAR2(150)	Current value of the attribute on the Project/Task which will be updated with the New Value
NEW_ATTRIBUTE_VALUE	NULL	VARCHAR2(150)	New Value of the attribute which will replace the current value of the attribute on the Project/Task
UPDATE_FLAG	NULL	VARCHAR2(1)	This flag determines whether the line will be picked for update.
RECALCULATE_FLAG	NULL	VARCHAR2(1)	This flag determines if the expenditure items for the project/task will be marked for recalculation
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

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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
PA_MASS_UPDATE_DETAILS_U1	UNIQUE	1	BATCH_ID
		2	LINE_ID
PA_MASS_UPDATE_DETAILS_U2	UNIQUE	1	BATCH_ID
		2	PROJECT_ID
		3	TASK_ID

## PA\_MC\_CC\_DIST\_LINES\_ALL

PA\_MC\_CC\_DIST\_LINES\_ALL is an MRC sub table of PA\_CC\_DIST\_LINES\_ALL. It stores currency-related information about cost distribution lines for each reporting set of books associated with the parent record on PA\_CC\_DIST\_LINES\_ALL. The primary key on this table is: SET\_OF\_BOOKS\_ID, CC\_DIST\_LINE\_ID, LINE\_NUM.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	ACCT_CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	ACCT_TP_RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_CC_DIST_LINES_ALL	CC_DIST_LINE_ID	CC_DIST_LINE_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LINE_TYPE	CC_DIST_LINE_TYPE	PA_LOOKUPS
	BL	Borrowed and Lent
	PC	Provider Cost Reclass
TRANSFER_REJECTION_CODE	TRANSFER REJECTION CODE	PA_LOOKUPS
	AA_FAIL	Auto Accounting could not create flexfield
	ACCUM_FAIL	Could not accumulate
	BURDEN_FAIL	Error while burdening invoice item
	EXCHANGE_RATE_CHANGE	Exchange Rate was changed after invoice generation
	FUNC_CURR_NOT_XFER	You must first interface functional currency transactions.
	INVALID_AR_TRX_TYPE	Invalid AR Transaction Type Passed
	INVALID_TAX_CODE	The tax code specified for the draft invoice line is inactive
	KEY_FLEX_FAIL	Accounting flexfield could not be validated
	LOW_FUNDING	Low funding amount for this agreement
	NO_ACTIVE_PROJ_MGR	No Active Project Manager is present
	NO_ACTIVE_SHIP_ADDR	No active ship to address id for this project's customer
	NO_GL_DATE	Could not create a valid GL date
	NO_INV_TYPE	No Invoice Type found using Invoice Organization Level
	NO_NET_ZERO_ADJ	NON Net Zero Adjustment
	NO_OUTPUT_TAX_CODE	Output Tax Code not specified for at least one invoice line.
	NO_PA_DATE	No PA Period in range

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NO\_SRC\_INVOICE

Source expenditure not tied back

*QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
	PA_CLIENT_EXTN_APP_ERROR	AR Transaction type extension returned application error.
	PA_CLIENT_EXTN_ORACLE_ERROR	AR Transaction type client extension returned Oracle error.
	PA_DFF_VALIDATION_FAILED	Descriptive Flexfield failed validation
	PA_DISAB_CRD_TYP	Sales credit type is disabled for the draft invoice
	PA_EXP_INV_PJTK	Project/Task validation error
	PA_EXP_PJ_TC	A project-level transaction control has been violated
	PA_EXP_TASK_EFF	The item date is not within the task active date
	PA_EXP_TASK_STATUS	The task is not chargeable
	PA_EXP_TASK_TC	A task-level transaction control has been violated
	PA_EX_PROJECT_CLOSED	You cannot charge expenditure items to a closed project
	PA_EX_PROJECT_DATE	The item date is not within the project active dates
	PA_NO_PROJECT_CURR_RATE	No conversion rate found for project currency attributes
	PA_NO_PROJ_USER_RATE_TYPE	Project currency conversion type User is not permitted
	PA_PROJ_USER_RATE_NOT_DEFINED	Project conversion rate missing for conversion type User
	TOO_MANY_LINES	Invoice has too many lines to transfer to RA
	TRANS_INV_DATA	Missing data on record to be transferred
TRANSFER_STATUS_CODE	CC_TRANSFER_STATUS	PA LOOKUPS
	A	Accepted
	P	Pending
	R	Rejected

*Column Descriptions*

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
PRC_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	The assignment identifier for the project reporting currency
CC_DIST_LINE_ID (PK)	NOT NULL	NUMBER	The system-generated number that uniquely identifies the cross charge distribution
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	The identifier of the expenditure item to which the cross charge distribution belongs

LINE_NUM	NOT NULL	NUMBER	The sequential line number that identifies the cross charge distribution line for an expenditure item
LINE_TYPE	NOT NULL	VARCHAR2(2)	The type of the cross charge distribution line

*Column Descriptions (Continued)*

Name	Null?	Type	Description
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Functional currency code of the reporting set of books
AMOUNT	NOT NULL	NUMBER	Amount to be posted to GL in the functional currency of the reporting set of books. If the line type is Borrowed or Lent
PROGRAM_ID	NOT NULL	NUMBER(15)	Standard Who Column
PROGRAM_APPLICATION_ID	NOT NULL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
REQUEST_ID	NOT NULL	NUMBER(15)	Identifier of the concurrent request that last processed the item
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(30)	The status of the distribution line as the accounting information is transferred to GL.
ACCT_TP_RATE_TYPE	NULL	VARCHAR2(30)	Rate type used to convert to the reporting set of books currency
ACCT_TP_RATE_DATE	NULL	DATE	Rate date used to convert the transfer price amount to the reporting set of books currency
ACCT_TP_EXCHANGE_RATE	NULL	NUMBER	Exchange rate used to convert the transfer price amount to the reporting set of books currency
GL_BATCH_NAME	NULL	VARCHAR2(30)	The reference to a batch of lines transferred together to General Ledger.
TRANSFERRED_DATE	NULL	DATE	The date the record was transferred to GL
TRANSFER_REJECTION_CODE	NULL	VARCHAR2(30)	Rejection code if the record is rejected in transfer to General Ledger.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_MC_CC_DIST_LINES_N1	NOT UNIQUE	1	REQUEST_ID
		2	TRANSFER_STATUS_CODE
PA_MC_CC_DIST_LINES_U1	UNIQUE	2	CC_DIST_LINE_ID
		4	SET_OF_BOOKS_ID
		6	PRC_ASSIGNMENT_ID
PA_MC_CC_DIST_LINES_U2	UNIQUE	1	EXPENDITURE_ITEM_ID
		2	PRC_ASSIGNMENT_ID
		3	LINE_NUM
		4	SET_OF_BOOKS_ID
		5	LINE_TYPE

## PA\_MC\_COST\_DIST\_LINES\_ALL

PA\_MC\_COST\_DIST\_LINES\_ALL is an MRC sub table of PA\_COST\_DISTRIBUTION\_LINES\_ALL. It stores currency-related information about cost distribution lines for each reporting set of books associated with the parent record on PA\_COST\_DISTRIBUTION\_LINES\_ALL. The primary key on this table is: SET\_OF\_BOOKS\_ID, EXPENDITURE\_ITEM\_ID, LINE\_NUM.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_COST_DISTRIBUTION_LINES_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
	LINE_NUM	LINE_NUM
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LINE_TYPE	COST DISTRIBUTION LINE TYPE	PA_LOOKUPS
	C	Burdened Credit
	D	Burdened Debit
	R	Raw
TRANSFER_STATUS_CODE	TRANSFER STATUS	PA_LOOKUPS
	A	Accepted
	P	Pending
	R	Rejected
	T	Transferred
	V	Received
	X	Rejected in Transfer

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
EXPENDITURE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the expenditure item that is cost distributed by the distribution line
LINE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the cost distribution line for an expenditure item
LINE_TYPE	NOT NULL	VARCHAR2(1)	The type of the cost distribution line
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(1)	The status of the reporting currency distribution line as the cost information is transferred to another application

AMOUNT	NOT NULL	NUMBER	The amount in the reporting currency to be charged to the GL account for the expenditure item.
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Column Descriptions (Continued)

Name	Null?	Type	Description
QUANTITY	NOT NULL	NUMBER	The number of units that are costed in the distribution line cost.
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
TRANSFERRED_DATE	NULL	DATE	The date the reporting currency distribution line was transferred to another application
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	The reason why the distribution line was rejected by the PA Cost Transfer program or rejected by the other application's interface program
BATCH_NAME	NULL	VARCHAR2(30)	The reference to a batch of lines transferred together. For expense reports, this is an expenditure batch. For cost transferred to GL, this is a concatenation of liability coid, gl date, and transfer request id separated by hyphens.
BURDENED_COST	NULL	NUMBER	The amount of the burdened cost. It is only populated for raw cost distribution lines.
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency code associated to the reporting set of books
EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert to the reporting set of books currency on the conversion
CONVERSION_DATE	NULL	DATE	The conversion date used to convert to the reporting set of books currency
PRC_ASSIGNMENT_ID	NOT NULL	NUMBER	The assignment identifier for the project reporting currency
RATE_TYPE	NULL	VARCHAR2(30)	Rate used to convert the raw cost to the reporting set of books currency

Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_COST_DIST_LINES_ALL_U1	UNIQUE	2	PRC_ASSIGNMENT_ID
		4	SET_OF_BOOKS_ID
		6	EXPENDITURE_ITEM_ID
		8	LINE_NUM

## PA\_MC\_CUST\_EVENT\_RDL\_ALL

PA\_MC\_CUST\_EVENT\_RDL\_ALL is an MRC sub table of PA\_CUST\_EVENT\_RDL\_ALL.

It stores currency-related information about customer event revenue distribution line for each reporting set of books associated with the parent record on PA\_CUST\_EVENT\_RDL\_ALL. The primary key on this table is: SET\_OF\_BOOKS\_ID, PROJECT\_ID, TASK\_ID, EVENT\_NUM.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_CUST_EVENT_RDL_ALL	PROJECT_ID	PROJECT_ID
	TASK_ID	TASK_ID
	EVENT_NUM	EVENT_NUM
	LINE_NUM	LINE_NUM
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
	LINE_NUM	DRAFT_INVOICE_ITEM_LINE_NUM
PA_DRAFT_REVENUE_ITEMS	PROJECT_ID	PROJECT_ID
	DRAFT_REVENUE_NUM	DRAFT_REVENUE_NUM
	LINE_NUM	DRAFT_REVENUE_ITEM_LINE_NUM
PA_EVENTS	PROJECT_ID	PROJECT_ID
	EVENT_NUM	EVENT_NUM
	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the revenue distribution line is generated.
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task that the event is assigned to.
EVENT_NUM (PK)	NOT NULL	NUMBER(15)	The event number of the event that is revenue distributed by the distribution line
LINE_NUM	NOT NULL	NUMBER(15)	The sequential number that identifies the revenue distribution line for an event
AMOUNT	NOT NULL	NUMBER	The revenue amount in the reporting currency to be charged to the GL account for the event on a draft revenue.
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
BATCH_NAME	NULL	VARCHAR2(30)	The reference to the GL je line in which the revenue was included when posted to GL.

Column Descriptions (Continued)

Name	Null?	Type	Description
DRAFT_REVENUE_NUM	NULL	NUMBER(15)	The draft revenue number for which the revenue distribution line is generated
DRAFT_REVENUE_ITEM_LINE_NUM	NULL	NUMBER(15)	The draft revenue item line number under which the revenue distribution line is generated
DRAFT_INVOICE_NUM	NULL	NUMBER(15)	The draft invoice number on which the event distribution line is invoiced
DRAFT_INVOICE_ITEM_LINE_NUM	NULL	NUMBER(15)	The draft invoice item line number on which the event distribution line is invoiced
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency code associated with the reporting set of books
EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert to the reporting set of books currency
CONVERSION_DATE	NULL	DATE	The conversion date used to convert to the reporting set of books currency
PRC_ASSIGNMENT_ID	NOT NULL	NUMBER	For future use
RATE_TYPE	NULL	VARCHAR2(30)	The exchange rate type used to convert to the reporting set of books currency

Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_CUST_EVENT_RDL_ALL_U1	UNIQUE	2	PRC_ASSIGNMENT_ID
		4	SET_OF_BOOKS_ID
		6	PROJECT_ID
		8	EVENT_NUM
		10	TASK_ID
		12	LINE_NUM

## PA\_MC\_CUST\_RDL\_ALL

PA\_MC\_CUST\_RDL\_ALL is an MRC sub table of PA\_CUST\_REV\_DIST\_LINES\_ALL. It stores currency-related information about customer revenue distribution line for each reporting set of books associated with the parent record on PA\_CUST\_REV\_DIST\_LINES\_ALL. The primary key on this table is: SET\_OF\_BOOKS\_ID, EXPENDITURE\_ITEM\_ID, LINE\_NUM.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_CUST_REV_DIST_LINES_ALL	EXPENDITURE_ITEM_ID LINE_NUM	EXPENDITURE_ITEM_ID LINE_NUM
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID LINE_NUM DRAFT_INVOICE_NUM	PROJECT_ID LINE_NUM DRAFT_INVOICE_ITEM_LINE_NUM
PA_DRAFT_REVENUE_ITEMS	PROJECT_ID DRAFT_REVENUE_NUM LINE_NUM	PROJECT_ID DRAFT_REVENUE_NUM DRAFT_REVENUE_ITEM_LINE_NUM

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
EXPENDITURE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the expenditure item that is revenue distributed by the distribution line
LINE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the revenue distribution line for the expenditure item
AMOUNT	NOT NULL	NUMBER	The revenue amount of the expenditure item to be charged to the GL account.
BILL_AMOUNT	NULL	NUMBER	The amount to be billed for the distribution line. The bill amount is different from the revenue amount.
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
BATCH_NAME	NULL	VARCHAR2(30)	The reference to the GL je line in which the revenue was included when posted to GL.
RAW_COST	NULL	NUMBER	Raw cost of expense item used when calculating burdened amount for revenue and invoicing
PROJECT_ID	NULL	NUMBER(15)	The identifier of the project for which the revenue distribution line is generated.

DRAFT_REVENUE_NUM	NULL	NUMBER(15)	The draft revenue number for which the revenue distribution line is generated
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
DRAFT_REVENUE_ITEM_LINE_NUM	NULL	NUMBER(15)	The draft revenue item line number under which the revenue distribution line is generated
DRAFT_INVOICE_NUM	NULL	NUMBER(15)	The draft invoice number on which the distribution line is invoiced
DRAFT_INVOICE_ITEM_LINE_NUM	NULL	NUMBER(15)	The draft invoice item line number on which the distribution line is invoiced
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency code associated with the reporting set of books
EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert to the reporting set of books currency
CONVERSION_DATE	NULL	DATE	The conversion date used to convert to the reporting set of books currency
PRC_ASSIGNMENT_ID	NOT NULL	NUMBER	For future use
RATE_TYPE	NULL	VARCHAR2(30)	The exchange rate type used to convert to the reporting set of books currency

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_MC_CUST_RDL_U1	UNIQUE	2	PRC_ASSIGNMENT_ID
		4	SET_OF_BOOKS_ID
		6	EXPENDITURE_ITEM_ID
		8	LINE_NUM



## PA\_MC\_DRAFT\_INV\_DETAILS\_ALL

PA\_MC\_DRAFT\_INV\_DETAILS\_ALL is an MRC subtable of PA\_DRAFT\_INVOICE\_DETAILS\_ALL. It stores currency-related information about the invoice details for each reporting set of books associated with the parent record on the PA\_DRAFT\_INVOICE\_DETAILS\_ALL. Primary key for this table is SET\_OF\_BOOKS\_ID and DRAFT\_INVOICE\_DETAIL\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	ACCT_CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	ACCT_RATE_TYPE
GL_MC_REPORTING_OPTIONS	REPORTING_SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_DRAFT_INVOICE_DETAILS_ALL	DRAFT_INVOICE_DETAIL_ID	DRAFT_INVOICE_DETAIL_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier.
DRAFT_INVOICE_DETAIL_ID (PK)	NOT NULL	NUMBER	The system-generated number that uniquely identifies the invoice detail.
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project which will be used to bill the transaction. For intercompany billing, this is the provider project.
INVOICED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the detail line has been invoiced (included on an invoice). Default value is N
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Functional currency code of the provider operating unit
BILL_AMOUNT	NOT NULL	NUMBER	Functional currency amount of the transfer price
REQUEST_ID	NOT NULL	NUMBER(15)	Standard Who Column
ACCT_RATE_TYPE	NUL	VARCHAR2(30)	Rate type used to convert functional currency to the reporting currency
ACCT_RATE_DATE	NUL	DATE	Rate Date used to convert functional currency to the reporting currency
ACCT_EXCHANGE_RATE	NUL	NUMBER	Exchange Rate used to convert functional currency to the reporting currency
PROGRAM_APPLICATION_ID	NUL	NUMBER(15)	Standard Who Column
PROGRAM_ID	NUL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NUL	DATE	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_DRAFT_INV_DETAILS_U1	UNIQUE	1	SET_OF_BOOKS_ID
		2	DRAFT_INVOICE_DETAIL_ID

## PA\_MC\_DRAFT\_INV\_ITEMS

PA\_MC\_DRAFT\_INV\_ITEMS is an MRC sub table of PA\_DRAFT\_INVOICE\_ITEMS. It stores currency-related information about draft invoice items for each reporting set of books associated with the parent record on PA\_DRAFT\_INVOICE\_ITEMS. The primary key on this table is: SET\_OF\_BOOKS\_ID, PROJECT\_ID, DRAFT\_INVOICE\_NUM, LINE\_NUM.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_DRAFT_INVOICES_ALL	PROJECT_ID DRAFT_INVOICE_NUM	PROJECT_ID DRAFT_INVOICE_NUM
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID DRAFT_INVOICE_NUM LINE_NUM	PROJECT_ID DRAFT_INVOICE_NUM LINE_NUM

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the invoice is generated
DRAFT_INVOICE_NUM (PK)	NOT NULL	NUMBER(15)	The draft invoice number to which the invoice line belongs
LINE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies and orders the draft invoice item for a draft invoice
AMOUNT	NULL	NUMBER	The amount in the reporting currency to be billed for the draft invoice item
UNBILLED_RECEIVABLE_DR	NULL	NUMBER	The amount of unbilled receivables in the reporting currency debited by the draft invoice item.
UNEARNED_REVENUE_CR	NULL	NUMBER	The amount of unearned revenue in the reporting currency credited by the draft invoice item.
PRC_ASSIGNMENT_ID	NOT NULL	NUMBER	For future use
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency code associated with the reporting set of books
EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert to the reporting set of books currency
CONVERSION_DATE	NULL	DATE	The conversion date used to convert to the reporting set of books currency
RATE_TYPE	NULL	VARCHAR2(30)	The exchange rate type used to convert to the reporting set of books currency

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Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_DRAFT_INVOICE_ITEMS_U1	UNIQUE	1	PRC_ASSIGNMENT_ID
		2	SET_OF_BOOKS_ID
		3	PROJECT_ID
		4	DRAFT_INVOICE_NUM
		5	LINE_NUM

## PA\_MC\_DRAFT\_REVS\_ALL

PA\_MC\_DRAFT\_REVS\_ALL is an MRC sub table of PA\_DRAFT\_REVENUES\_ALL. It stores currency-related information about draft revenues for each reporting set of books associated with the parent record on PA\_DRAFT\_REVENUES\_ALL. The primary key on this table is: SET\_OF\_BOOKS\_ID, PROJECT\_ID, DRAFT\_REVENUE\_NUM.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_DRAFT_REVENUES_ALL	DRAFT_REVENUE_NUM	DRAFT_REVENUE_NUM
	PROJECT_ID	PROJECT_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSFER_STATUS_CODE	TRANSFER STATUS	PA_LOOKUPS
	A	Accepted
	P	Pending
	R	Rejected
	T	Transferred
	V	Received
	X	Rejected in Transfer

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the revenue is generated
DRAFT_REVENUE_NUM (PK)	NOT NULL	NUMBER(15)	The sequential number that identifies the draft revenue within a project
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(1)	The status of the revenue in the reporting set of books as it is transferred to General Ledger
REQUEST_ID	NUL	NUMBER(15)	Standard Who Column
PROGRAM_APPLICATION_ID	NUL	NUMBER(15)	Standard Who Column
PROGRAM_ID	NUL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NUL	DATE	Standard Who Column
TRANSFERRED_DATE	NUL	DATE	The date that the draft revenue was transferred to General Ledger
TRANSFER_REJECTION_REASON	NUL	VARCHAR2(250)	The reason why the draft revenue was rejected by the Transfer Revenue program or rejected by General Ledger.
UNBILLED_RECEIVABLE_DR	NUL	NUMBER	The amount of unbilled receivables debit by the draft revenue in the reporting currency

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Column Descriptions (Continued)

Name	Null?	Type	Description
UNEARNED_REVENUE_CR	NULL	NUMBER	The amount of unearned revenue credited by this draft revenue in the reporting currency
UNBILLED_BATCH_NAME	NULL	VARCHAR2(30)	The identifier of the GL je line in which the UBR amount is included when posted to GL.
UNEARNED_BATCH_NAME	NULL	VARCHAR2(30)	The identifier of the GL je line in which the UER amount is included when posted to GL.
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	

Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_DRAFT_REVENUES_ALL_U1	UNIQUE	1	SET_OF_BOOKS_ID
		2	PROJECT_ID
		3	DRAFT_REVENUE_NUM

## PA\_MC\_EVENTS

PA\_MC\_EVENTS is an MRC sub table of PA\_EVENTS. It stores currency-related information about events for each reporting set of books associated with the parent record on PA\_EVENTS. The primary key on this table is: SET\_OF\_BOOKS\_ID, EVENT\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_EVENTS	PROJECT_ID	PROJECT_ID
	TASK_ID	TASK_ID
	EVENT_NUM	EVENT_NUM
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
EVENT_ID (PK)	NOT NULL	NUMBER	The system-generated number that uniquely identifies an event.
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project to which event is assigned.
TASK_ID	NULL	NUMBER(15)	The identifier of the top level task to which the event is assigned
EVENT_NUM	NOT NULL	NUMBER(15)	The sequential number that identifies the event entered for a task
REVENUE_AMOUNT	NULL	NUMBER	The amount of revenue in the reporting currency to accrue for the event upon the event's completion
BILL_AMOUNT	NULL	NUMBER	The amount in the reporting currency to be billed for the event on an invoice upon the event's completion
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency code associated with the reporting set of books
EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert to the reporting set of books currency
CONVERSION_DATE	NULL	DATE	The conversion date used to convert to the reporting set of books currency
PRC_ASSIGNMENT_ID	NOT NULL	NUMBER	For future use
RATE_TYPE	NULL	VARCHAR2(30)	The exchange rate type used to convert to the reporting set of books currency

Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_EVENTS_U1	UNIQUE	2	PRC_ASSIGNMENT_ID
		4	SET_OF_BOOKS_ID
		6	EVENT_ID
PA_MC_EVENTS_U2	UNIQUE	1	SET_OF_BOOKS_ID
		2	PROJECT_ID
		3	TASK_ID
		4	EVENT_NUM

## PA\_MC\_EXP\_ITEMS\_ALL

PA\_MC\_EXP\_ITEMS\_ALL is an MRC sub table of PA\_EXPENDITURE\_ITEMS\_ALL. It stores currency-related information about expenditure items for each reporting set of books associated with the parent record on PA\_EXPENDITURE\_ITEMS\_ALL. The primary key on this table is: SET\_OF\_BOOKS\_ID, EXPENDITURE\_ITEM\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
EXPENDITURE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the expenditure item
RAW_COST	NULL	NUMBER	The total raw cost of the expenditure item in the reporting currency.
RAW_COST_RATE	NULL	NUMBER	The raw cost rate in the reporting currency used to cost the item
BURDEN_COST	NULL	NUMBER	Total burdened cost of the expenditure item in the reporting currency.
BURDEN_COST_RATE	NULL	NUMBER	The burdened cost rate in the reporting currency of the item.
RAW_REVENUE	NULL	NUMBER	The potential revenue of the item in the reporting currency.
BILL_RATE	NULL	NUMBER	The bill rate in the reporting currency for the expenditure item.
ACCRUED_REVENUE	NULL	NUMBER	The total amount of revenue that the item accrued in the reporting currency.
ACCRUAL_RATE	NULL	NUMBER	The rate in the reporting currency based on the accrued revenue.
ADJUSTED_REVENUE	NULL	NUMBER	The discounted revenue amount of the item in the reporting currency based on the bill rate schedule
ADJUSTED_RATE	NULL	NUMBER	The rate in the reporting currency based on the adjusted revenue.
BILL_AMOUNT	NULL	NUMBER	The amount to be billed for the item in the reporting currency.
FORECAST_REVENUE	NULL	NUMBER	The forecast revenue amount of a labor item based on T&M bill rates and markups and labor multiplier

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
TRANSFERRED_FROM_EXP_ITEM_ID	NULL	NUMBER(15)	The identifier of the expenditure item from which this expenditure item originated.
PRC_ASSIGNMENT_ID	NOT NULL	NUMBER	The assignment identifier used for project reporting currency
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency code associated with the reporting set of books
COST_EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert raw cost to the reporting set of books currency
COST_CONVERSION_DATE	NULL	DATE	The date used to convert raw cost to the reporting set of books currency
COST_RATE_TYPE	NULL	VARCHAR2(30)	The rate type used to convert raw cost to the reporting set of books currency
REVENUE_EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert revenue to the reporting set of books currency
REVENUE_CONVERSION_DATE	NULL	DATE	The date used to convert revenue to the reporting set of books currency
REVENUE_RATE_TYPE	NULL	VARCHAR2(30)	The rate type used to convert revenue to the reporting set of books currency
TRANSFER_PRICE	NULL	NUMBER	The transfer price amount in the reporting currency code
TP_EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert transfer price amount to the reporting currency code
TP_CONVERSION_DATE	NULL	DATE	The date used to convert transfer price amount to the reporting currency code
TP_RATE_TYPE	NULL	VARCHAR2(30)	The rate type used to convert transfer price amount to the reporting currency code

Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_EXPENDITURE_ITEMS_U1	UNIQUE	2	PRC_ASSIGNMENT_ID
		4	SET_OF_BOOKS_ID
		6	EXPENDITURE_ITEM_ID

PA\_MC\_PRJ\_AST\_LINES\_ALL

PA\_MC\_PRJ\_AST\_LINES\_ALL is an MRC sub table of PA\_PROJECT\_ASSET\_LINES\_ALL. It stores currency-related information about project asset lines for each reporting set of books associated with the parent record on PA\_PROJECT\_ASSET\_LINES\_ALL. The primary key on this table is: SET\_OF\_BOOKS\_ID, PROJECT\_ASSET\_LINE\_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_PROJECT_ASSET_LINES_ALL	PROJECT_ASSET_LINE_ID	PROJECT_ASSET_LINE_ID

Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
PROJECT_ASSET_LINE_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the asset line
PROJECT_ASSET_LINE_DETAIL_ID	NOT NULL	NUMBER(15)	Identifier of the asset line details linking this line to cost distribution lines
ORIGINAL_ASSET_COST	NULL	NUMBER	The cost amount in the reporting currency of the line at the time the line was originally created
CURRENT_ASSET_COST	NULL	NUMBER	The line's current cost amount in the reporting currency; split lines have a current cost original cost

Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_PROJ_ASSET_LINES_ALL_U1	UNIQUE	1	SET_OF_BOOKS_ID
		2	PROJECT_ASSET_LINE_ID

PA\_MC\_PRJ\_AST\_LINE\_DTLS

PA\_MC\_PRJ\_AST\_LINE\_DTLS is an MRC sub table of PA\_PROJECT\_ASSET\_LINE\_DETAILS. It stores currency-related information about project asset line details for each reporting set of books associated with the parent record on PA\_PROJECT\_ASSET\_LINE\_DETAILS. The primary key on this table is: SET\_OF\_BOOKS\_ID, PROJ\_ASSET\_LINE\_DTL\_UNIQ\_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_PROJECT_ASSET_LINE_DETAILS	PROJ_ASSET_LINE_DTL_UNIQ_ID	PROJ_ASSET_LINE_DTL_UNIQ_ID

Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
PROJ_ASSET_LINE_DTL_UNIQ_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the detail asset line
PROJECT_ASSET_LINE_DETAIL_ID	NOT NULL	NUMBER(15)	The attribute relating detail records to asset lines
CIP_COST	NOT NULL	NUMBER	The cip cost amount in the reporting currency from the associated cost distribution line.
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency code associated to the reporting set of books
EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert from the functional currency to the reporting currency on the conversion
CONVERSION_DATE	NULL	DATE	The conversion date on which the reporting currency amounts were converted.

Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_PROJ_ASSET_LINE_DTLS_U1	UNIQUE	1	SET_OF_BOOKS_ID
		2	PROJ_ASSET_LINE_DTL_UNIQ_ID

## PA\_MC\_TXN\_INTERFACE\_ALL

PA\_MC\_TXN\_INTERFACE\_ALL is an MRC sub table of PA\_TRANSACTION\_INTERFACE\_ALL. It stores currency-related information about transaction interface for each reporting set of books associated with the parent record on PA\_TRANSACTION\_INTERFACE\_ALL. The primary key on this table is: SET\_OF\_BOOKS\_ID, TXN\_INTERFACE\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PA_TRANSACTION_INTERFACE_ALL	TXN_INTERFACE_ID	TXN_INTERFACE_ID

### Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID (PK)	NOT NULL	NUMBER(15)	The reporting set of books unique identifier
TXN_INTERFACE_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the imported transaction
RAW_COST	NULL	NUMBER	The total raw cost of the imported transaction in reporting currency
RAW_COST_RATE	NULL	NUMBER	The raw cost rate of the imported transaction in reporting currency
BURDENED_COST	NULL	NUMBER	The burdened cost of the imported transaction in reporting currency
BURDENED_COST_RATE	NULL	NUMBER	The burdened cost rate of the imported transaction in reporting currency
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency code associated to the reporting set of books
EXCHANGE_RATE	NULL	NUMBER	The exchange rate used to convert to the currency of the reporting set of books
CONVERSION_DATE	NULL	DATE	The date used to convert to the currency of the reporting set of books
RATE_TYPE	NULL	VARCHAR2(30)	The rate type used to convert to the currency of the reporting set of books

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_TXN_INTERFACE_ALL_U1	UNIQUE	1	SET_OF_BOOKS_ID
		2	TXN_INTERFACE_ID

## PA\_MC\_UPGRADE\_RATES

PA\_MC\_UPGRADE\_RATES caches the rates used to convert open transactions to a given reporting set of books.

### Column Descriptions

Name	Null?	Type	Description
PRIMARY_SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	The Unique Identifier for the Primary Set of Books
REPORTING_SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	The Unique Identifier for the Reporting set of books
FROM_CURRENCY	NOT NULL	VARCHAR2(15)	This denotes the Transaction Currency
TO_CURRENCY	NOT NULL	VARCHAR2(15)	This denotes the Reporting Currency
DENOM_RATE	NUL	NUMBER	Denominator Rate
NUM_RATE	NUL	NUMBER	Numerator Rate
EXCHANGE_RATE	NUL	NUMBER	The effective rate (Numerator/denominator)
EXCHANGE_DATE	NUL	DATE	The date on which the rate is obtained
RATE_TYPE	NUL	VARCHAR2(30)	Exchange Rate Type used for getting the rate

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_MC_UPGRADE_RATES_U1	UNIQUE	1	FROM_CURRENCY
		2	TO_CURRENCY
		3	EXCHANGE_DATE
		4	RATE_TYPE

## PA\_MRC\_UPG\_HISTORY

PA\_MRC\_UPG\_HISTORY stores the information about the projects for which the data has been converted to the reporting set of books assigned to the primary set of books.

### Column Descriptions

Name	Null?	Type	Description
PRIMARY_SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	The unique identifier for the primary set of books
REPORTING_SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	The unique identifier for the reporting set of books
TABLE_NAME	NOT NULL	VARCHAR2(30)	The table which contains the relevant data which is converted
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the data has been converted
CONVERSION_STATUS	NOT NULL	VARCHAR2(1)	The flag to indicate whether the data has been converted
ROUNDING_STATUS	NULL	VARCHAR2(1)	The flag to indicate whether the adjustment data has been converted
UPGRADE_RUN_ID	NOT NULL	NUMBER(15)	The identifier of the process which has converted the data
UPGRADE_RUN_ID2	NULL	NUMBER(15)	The identifier of the process which has converted the adjustment data
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
ORG_ID	NULL	NUMBER	Operating unit identifier for Multi organization installation.
SOB_PROJECT_FLAG	NULL	VARCHAR2(1)	The flag indicates whether the project belongs to the primary set of books or not. When 'Y' it means project belongs to the primary set of books and 'N' means the project does not belong to the primary set of books.

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_MRC_UPG_HISTORY_U1	UNIQUE	1	PRIMARY_SET_OF_BOOKS_ID
		2	REPORTING_SET_OF_BOOKS_ID
		3	TABLE_NAME
		4	PROJECT_ID
		5	ORG_ID

## PA\_NL\_BILL\_RATE\_OVERRIDES

PA\_NL\_BILL\_RATE\_OVERRIDES stores special billing rates for non-labor items negotiated for specific projects or tasks. A non-labor bill rate override takes precedence over the billing rate defined in the standard non-labor bill rate schedule used for a particular project or task.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_NON_LABOR_RESOURCES	NON_LABOR_RESOURCE	NON_LABOR_RESOURCE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The expenditure type that will be billed according to the non-labor bill rate override. This column is also populated for a non-labor resource bill rate override
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 (PK)	NOT NULL	DATE	First effective date of non-labor bill rate override
NON_LABOR_RESOURCE (PK)	NULL	VARCHAR2(20)	The non-labor resource that will be billed according to the non-labor bill rate override
MARKUP_PERCENTAGE	NULL	NUMBER(9,4)	The markup percentage over raw cost used to determine an item's revenue or bill amount. Revenue = (raw cost * (1 + (markup/100)))
BILL_RATE	NULL	NUMBER(22,5)	The bill rate used to determine the item's revenue amount. Revenue = (bill rate * quantity)
END_DATE_ACTIVE	NULL	DATE	Last effective date of non-labor bill rate override
PROJECT_ID (PK)	NULL	NUMBER(15)	The identifier of the project for which the non-labor bill rate override is entered
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task for which the non-labor bill rate override is entered

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_NL_BILL_RATE_OVERRIDES_N1	NOT UNIQUE	1	TASK_ID
		2	EXPENDITURE_TYPE
		3	START_DATE_ACTIVE
		4	NON_LABOR_RESOURCE

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_NL_BILL_RATE_OVERRIDES_U1	UNIQUE	1	PROJECT_ID
		2	TASK_ID
		3	EXPENDITURE_TYPE
		4	START_DATE_ACTIVE
		5	NON_LABOR_RESOURCE



## PA\_NON\_LABOR\_RESOURCES

PA\_NON\_LABOR\_RESOURCES stores non-labor assets that are utilized during project work and for which costs and revenue are tracked.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE

### Column Descriptions

Name	Null?	Type	Description
NON_LABOR_RESOURCE (PK)	NOT NULL	VARCHAR2(20)	Implementation-defined name that uniquely identifies the non-labor resource
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	The expenditure type classified with a system linkage of 'USAGES' that classifies the non-labor resource
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 the non-labor resource
END_DATE_ACTIVE	NULL	DATE	Last effective date of the non-labor resource
DESCRIPTION	NULL	VARCHAR2(250)	Description of the non-labor resource
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

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_NON_LABOR_RESOURCES_N1	NOT UNIQUE	1	EXPENDITURE_TYPE
		2	NON_LABOR_RESOURCE
PA_NON_LABOR_RESOURCES_U1	UNIQUE	1	NON_LABOR_RESOURCE

## PA\_NON\_LABOR\_RESOURCE\_ORGS

PA\_NON\_LABOR\_RESOURCE\_ORGS stores assignments of non-labor resources to organizations, as owning organizations.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
PA_NON_LABOR_RESOURCES	NON_LABOR_RESOURCE	NON_LABOR_RESOURCE

### Column Descriptions

Name	Null?	Type	Description
NON_LABOR_RESOURCE (PK)	NOT NULL	VARCHAR2(20)	The non-labor resource that is owned by the organization
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of an organization that owns the non-labor resource
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 the organization's ownership of the non-labor resource
END_DATE_ACTIVE	NULL	DATE	Last effective date of the organization's ownership of the non-labor resource
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

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_NON_LABOR_RESOURCE_ORGS_U1	UNIQUE	1	ORGANIZATION_ID
		2	NON_LABOR_RESOURCE

## PA\_OLD\_RES\_ACCUM\_DTLS

PA\_OLD\_RES\_ACCUM\_DTLS stores the records that are deleted from PA\_RESOURCE\_ACCUM\_DETAILS when accumulation is refreshed. This action is achieved using a row level delete trigger on PA\_RESOURCE\_ACCUM\_DETAILS.

### Column Descriptions

Name	Null?	Type	Description
TXN_ACCUM_ID	NOT NULL	NUMBER(15)	The identifier of the transaction(PA_TXN_ACCUM) for which this row is created
RESOURCE_LIST_ASSIGNMENT_ID	NOT NULL	NUMBER(15)	The identifier of the Resource list assignment for which this row is created
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	The identifier of the Resource List for which this row is created
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	The identifier of the Resource List Member for which this row is created
RESOURCE_ID	NOT NULL	NUMBER(15)	The identifier of the Resource for which this row is created
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the Project for which this row is created
TASK_ID	NOT NULL	NUMBER(15)	The identifier of the Task for which this row is created
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	NOT NULL	NUMBER	Standard Who Column
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
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_OLD_RES_ACCUM_DTLS_N1	NOT UNIQUE	1	ADW_NOTIFY_FLAG
		2	PROJECT_ID
PA_OLD_RES_ACCUM_DTLS_N2	NOT UNIQUE	1	PROJECT_ID

PA\_ONLINE\_EXPENDITURE\_TYPES\_V

Customizable view for expenditure types used in the Self-Service Time application.

View Definition

```
CREATE VIEW PA_ONLINE_EXPENDITURE_TYPES_V
as SELECT
    ET.EXPENDITURE_TYPE || pa_self_service_pvt.get_system_linkage(
        ET.EXPENDITURE_TYPE,
        ET.SYSTEM_LINKAGE_FUNCTION,
        ET.SYSTEM_LINKAGE_M)
    , ET.EXPENDITURE_TYPE
    , ET.DESCRPTION
    , ET.UOM_CODE
    , ET.UNIT_OF_MEASURE
    , ET.COST_RATE_FLAG
    , ET.SYSTEM_LINKAGE_M
    , ET.SYSTEM_LINKAGE_FUNCTION
    , ET.SYS_LINK_START_DATE_ACTIVE
    , ET.SYS_LINK_END_DATE_ACTIVE
    , ET.EXPND_TYP_START_DATE_ACTIVE
    , ET.EXPND_TYP_END_DATE_ACTIVE
    , ET.PROJECT_ID
FROM PA_EXPENDITURE_TYPES_EXPEND_V ET
```

Column Descriptions

Name	Null?	Type	Description
DISPLAY_COLUMN	NULL	VARCHAR2(4000)	Concatenation of expenditure type and system linkage function.
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Refer to base table.
DESCRIPTION	NULL	VARCHAR2(250)	Refer to base table.
UOM_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(80)	Refer to base table.
COST_RATE_FLAG	NOT NULL	VARCHAR2(1)	Refer to base table.
SYSTEM_LINKAGE_M	NOT NULL	VARCHAR2(80)	Refer to base table.
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(3)	Refer to base table.
SYS_LINK_START_DATE_ACTIVE	NOT NULL	DATE	Refer to base table.
SYS_LINK_END_DATE_ACTIVE	NULL	DATE	Refer to base table.
EXPND_TYP_START_DATE_ACTIVE	NOT NULL	DATE	Refer to base table.
EXPND_TYP_END_DATE_ACTIVE	NULL	DATE	Refer to base table.
PROJECT_ID	NULL	NUMBER	Refer to base table.

## PA\_ONLINE\_EXP\_SETTINGS

PA\_ONLINE\_EXP\_SETTINGS stores the user preferences for Self-Service Time users.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PER_ALL_PEOPLE_F	PERSON_ID	DEF_OVRRD_APPROVER_PERSON_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID	NOT NULL	NUMBER(9)	The person id of the user whose preferences are stored
OVERWRITE_HOT_KEYS	NOT NULL	VARCHAR2(1)	Obsolete
PA_HOT_KEYS_DISPLAYED	NOT NULL	VARCHAR2(1)	Obsolete
DEFAULT_WEEKS_BACK	NULL	NUMBER(9)	Obsolete
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
DEFAULT_COMMENTS	NULL	VARCHAR2(250)	The default free text comment for all Self Service Time timecards entered by this user
DEF_OVRRD_APPROVER_PERSON_ID	NULL	NUMBER	The default overriding approver for all SST timecards entered by this user
WORK_SUNDAY_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the Sunday column will be displayed on the Enter Timecard matrix in Self Service Time
WORK_MONDAY_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the Monday column will be displayed on the Enter Timecard matrix in Self Service Time
WORK_TUESDAY_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the Tuesday column will be displayed on the Enter Timecard matrix in Self Service Time
WORK_WEDNESDAY_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the Wednesday column will be displayed on the Enter Timecard matrix in Self Service Time
WORK_THURSDAY_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the Thursday column will be displayed on the Enter Timecard matrix in Self Service Time
WORK_FRIDAY_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the Friday column will be displayed on the Enter Timecard matrix in Self Service Time

WORK_SATURDAY_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether the Saturday column will be displayed on the Enter Timecard matrix in Self Service Time
TAB_MOVES_FLAG	NULL	VARCHAR2(1)	Obsolete

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_ONLINE_EXP_SETTINGS_U1	UNIQUE	5	PERSON_ID

# PA\_ONLINE\_PROJECTS\_V

PA\_ONLINE\_PROJECTS\_V is a customizable view for the Self-Service Time application.

View Definition

```
CREATE VIEW PA_ONLINE_PROJECTS_V
as SELECT
    DISTINCT
        PROJECT_NUMBER,
        PROJECT_NAME,
        PROJECT_ID,
        START_DATE,
        COMPLETION_DATE,
        CARRYING_OUT_ORGANIZATION_ID
FROM
    PA_PROJECTS_EXPEND_V
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_NUMBER	NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NULL	VARCHAR2(30)	Refer to base table.
PROJECT_ID	NULL	NUMBER	Refer to base table.
START_DATE	NULL	DATE	Refer to base table.
COMPLETION_DATE	NULL	DATE	Refer to base table.
CARRYING_OUT_ORGANIZATION_ID	NULL	NUMBER	Refer to base table.

# PA\_ONLINE\_TASKS\_V

PA\_ONLINE\_TASKS\_V is a customizable view for the Self-Service Time application.

View Definition

```
CREATE VIEW PA_ONLINE_TASKS_V
as SELECT
    TASK_NUMBER
    , TASK_NAME
    , TASK_ID
    , BILLABLE_FLAG
    , PROJECT_ID
    , START_DATE
    , COMPLETION_DATE
    , CHARGEABLE_FLAG
FROM
    PA_TASKS_EXPEND_V
```

Column Descriptions

Name	Null?	Type	Description
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
BILLABLE_FLAG	NULL	VARCHAR2(1)	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
START_DATE	NULL	DATE	Refer to base table.
COMPLETION_DATE	NULL	DATE	Refer to base table.
CHARGEABLE_FLAG	NULL	VARCHAR2(1)	Refer to base table.



## PA\_OPTIONS

PA\_OPTIONS stores all available navigation options for a project template. The options are used by the Projects window. Options can be at (a) project level, (b) project and task level, or (c) task level only. The Options are stored in a multi-level hierarchy using OPTION\_CODE and PARENT\_OPTION\_CODE. Oracle Projects predefines all values.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_FORM_FUNCTIONS	FUNCTION_NAME	OPTION_FUNCTION_NAME

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INTERNAL_PRODUCT_CODE	INTERNAL_PRODUCT_CODE	PA_LOOKUPS
	B	Billing
	C	Costing

### Column Descriptions

Name	Null?	Type	Description
OPTION_CODE (PK)	NOT NULL	VARCHAR2(30)	Primary key of the Table
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
OPTION_NAME	NOT NULL	VARCHAR2(60)	The Option Name.
PROJECT_LEVEL_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the Option is available at the Project level
TASK_LEVEL_CODE	NOT NULL	VARCHAR2(2)	Indicates the level of the task at which the option is available Valid values are 'A' - All Tasks, 'T' - Top Task, 'L' - Lowest level task, 'TL' - Top and lowest level tasks, and 'N' - Not available at Task level
SORT_ORDER	NOT NULL	NUMBER	The order in which the options would be displayed to the user
PARENT_OPTION_CODE	NULL	VARCHAR2(30)	The option code of the parent
OPTION_FUNCTION_NAME	NULL	VARCHAR2(30)	Holds the associated Function name . This value is used to determine function security for the option.
INTERNAL_PRODUCT_CODE	NULL	VARCHAR2(1)	Identify the type of seed data (billing or costing)

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_OPTIONS_U1	UNIQUE	1	OPTION_CODE

## PA\_ORGANIZATIONS\_EXP\_ALL\_BG\_V

View that shows all expenditure organizations, both active and inactive, for a business group.

View Definition

```
CREATE VIEW PA_ORGANIZATIONS_EXP_ALL_BG_V
as SELECT
    distinct
        hrorg.organization_id
    , hrorg.business_group_id
    , hrorg.name
    , hrorg.date_from
    , hrorg.date_to
from hr_organization_units hrorg,
    pa_all_organizations paorg,
    pa_implementations imp ,
    pa_implementations_all impall
Where paorg.organization_id = hrorg.organization_id
and   paorg.pa_org_use_type = 'EXPENDITURES'
and   nvl(paorg.org_id,-99) = nvl(impall.org_id,-99)
and   imp.business_group_id = impall.business_group_id
```

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of the organization
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to the base table
NAME	NOT NULL	VARCHAR2(60)	Name of the organization
DATE_FROM	NOT NULL	DATE	Start date of the organization
DATE_TO	NULL	DATE	End date of the organization

# PA\_ORGANIZATIONS\_PROJECT\_V

View of the organizations that can be used as owning organizations of projects and tasks.

View Definition

```
CREATE VIEW PA_ORGANIZATIONS_PROJECT_V
as SELECT
    hrorg.organization_id
    , hrorg.business_group_id
    , hrorg.name
    , hrorg.date_from
    , hrorg.date_to,
    'Y'
from hr_organization_units hrorg,
    pa_all_organizations paorg
Where paorg.organization_id = hrorg.organization_id
and paorg.pa_org_use_type = 'PROJECTS'
and paorg.inactive_date is NULL
and NVL(paorg.org_id,-99) =
    nvl(to_number(decode(substr(userenv('client_info'),1,1),
        ' ',null,substr(userenv('client_info'),1,10))),-99)
```

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of the organization
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to base table
NAME	NOT NULL	VARCHAR2(60)	Name of the organization
DATE_FROM	NOT NULL	DATE	Start date of the organization
DATE_TO	NULL	DATE	End date of the organization
ACTIVE_FLAG	NULL	VARCHAR2(1)	Refer to base table.

# PA\_ORGANIZATIONS\_PROJ\_ALL\_BG\_V

This view selects all project-owning organizations, both active and inactive, across operating units for a business group.

### View Definition

```
CREATE VIEW PA_ORGANIZATIONS_PROJ_ALL_BG_V
as SELECT
    distinct
        hrorg.organization_id
    , hrorg.business_group_id
    , hrorg.name
    , hrorg.date_from
    , hrorg.date_to
from    hr_organization_units hrorg,
        pa_all_organizations paorg,
        pa_implementations imp ,
        pa_implementations_all impall
Where   paorg.organization_id = hrorg.organization_id
and     nvl(paorg.org_id,-99) = nvl(impall.org_id,-99)
and     paorg.pa_org_use_type = 'PROJECTS'
and     imp.business_group_id = impall.business_group_id
```

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of the organization
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to the base table
NAME	NOT NULL	VARCHAR2(60)	Name of the organization
DATE_FROM	NOT NULL	DATE	Start date of the organization
DATE_TO	NULL	DATE	End date of the organization

# PA\_ORG\_REPORTING\_SESSIONS

PA\_ORG\_REPORTING\_SESSIONS is used with PA\_ORG\_REPORTING\_VIEW to easily report all organizations below a given start organization.

You insert a value into PA\_ORG\_REPORTING\_SESSIONS for the start organization parameter. You can then report all organizations below that start organization as defined in the organization hierarchy used by Oracle Projects by selecting from PA\_ORG\_REPORTING\_VIEW.

This table and view are used in several Oracle Projects standard reports that use a start organization parameter.

Column Descriptions

Name	Null?	Type	Description
SESSION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the session that the user is logged in on determined from userenv('SESSIONID')
START_ORGANIZATION_ID (PK)	NULL	NUMBER(15)	The identifier of the organization for which you want to report all organizations below it in a report

Indexes

Index Name	Index Type	Sequence	Column Name
PA_ORG_REPORTING_SESSIONS_U1	UNIQUE	1	SESSION_ID
		2	START_ORGANIZATION_ID

# PA\_ORG\_REPORTING\_VIEW

View used in reports to report all organizations below a start organization.

### View Definition

```
CREATE VIEW PA_ORG_REPORTING_VIEW
as SELECT
    organization_id, name FROM pa_implementations imp, hr_organization_units org
    Where imp.business_group_id = org.business_group_id AND org.organization_id in (SELECT
    e.organization_id_child FROM per_org_structure_elements e WHERE e.ORG_STRUCTURE_VERSION_ID =
    imp.ORG_STRUCTURE_VERSION_ID START WITH e.organization_id_parent = (SELECT
    s.start_organization_id FROM pa_org_reporting_sessions s WHERE s.session_id =
    userenv('SESSIONID') ) AND e.ORG_STRUCTURE_VERSION_ID = imp.ORG_STRUCTURE_VERSION_ID CONNECT
    BY PRIOR e.organization_id_child = e.organization_id_parent AND e.ORG_STRUCTURE_VERSION_ID =
    imp.ORG_STRUCTURE_VERSION_ID UNION SELECT start_organization_id FROM
    pa_org_reporting_sessions ors WHERE ors.session_id = userenv('SESSIONID') )
```

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the organization that is to be reported as an organization under a given start organization as defined in PA_ORG_REPORTING_SESSIONS
NAME	NOT NULL	VARCHAR2(60)	The name of the organization.

## PA\_PARAMETERS

PA\_PARAMETERS stores system-defined variables used with AutoAccounting functions whose values are determined and used by any program that calls AutoAccounting. Oracle Projects provides all AutoAccounting parameters upon installation.

### Column Descriptions

Name	Null?	Type	Description
PARAMETER_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the parameter
PARAMETER_NAME	NOT NULL	VARCHAR2(50)	User-friendly name of the parameter
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 of the AutoAccounting parameter

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PARAMETERS_U1	UNIQUE	1	PARAMETER_ID
PA_PARAMETERS_U2	UNIQUE	2	PARAMETER_NAME

### Sequences

Sequence	Derived Column
PA_PARAMETERS_S	PARAMETER_ID

## PA\_PA\_PERIODS\_V

PA\_PA\_PERIODS\_V displays all the implementation-defined PA periods by which project performance is measured.

View Definition

```
CREATE VIEW PA_PA_PERIODS_V
as SELECT
    P.PERIOD_NAME
    , P.CURRENT_PA_PERIOD_FLAG
    , P.START_DATE
    , P.END_DATE
    , P.GL_PERIOD_NAME
FROM PA_PERIODS    P
```

Column Descriptions

Name	Null?	Type	Description
PA_PERIOD_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
CURRENT_PA_PERIOD_FLAG	NULL	VARCHAR2(1)	Refer to base table.
START_DATE	NOT NULL	DATE	Refer to base table.
END_DATE	NOT NULL	DATE	Refer to base table.
GL_PERIOD_NAME	NOT NULL	VARCHAR2(15)	Refer to base table.



## PA\_PERCENT\_COMPLETES

PA\_PERCENT\_COMPLETES stores estimated percentage completions of lowest level tasks at a point in time that users determine. Oracle Projects does not calculate these values, and it uses these percentage completion values for reporting purposes only.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of project for which the percent complete information is entered
TASK_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the lowest level task for which the work is estimated by the percent completion
DATE_COMPUTED (PK)	NOT NULL	DATE	The date on which the percentage of work is complete
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
COMPLETED_PERCENTAGE	NOT NULL	NUMBER(7,4)	The percentage of work complete on the task
DESCRIPTION	NULL	VARCHAR2(250)	Description of the work completed
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	The code identifying the external Project Management tool
CURRENT_FLAG	NOT NULL	VARCHAR2(1)	The flag indicating whether the row is current or not

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PERCENT_COMPLETES_N1	NOT UNIQUE	3	PROJECT_ID
		5	TASK_ID
		6	DATE_COMPUTED
PA_PERCENT_COMPLETES_N2	NOT UNIQUE	2	PROJECT_ID
		4	TASK_ID
		6	CURRENT_FLAG

## PA\_PERIODS\_ALL

PA\_PERIODS\_ALL stores implementation-defined periods in Oracle Projects by which project performance is measured. PA Periods can be different from your general ledger accounting periods (GL Periods). You can define PA Periods as weekly periods, while GL periods are monthly. In Oracle Projects, costs and revenue can be reported by PA Period as well as by GL Period.

You define a PA period or periods in the GL calendar associated with the set of books used in PA\_IMPLEMENTATIONS\_ALL. You then copy the PA periods from the GL calendar to this table. You maintain the status of the period in this table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	GL_PERIOD_NAME

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS	CLOSING STATUS	PA_LOOKUPS
	C	Closed
	F	Future
	N	Never Opened
	O	Open
	P	Permanently Closed
	W	Pending Close

### Column Descriptions

Name	Null?	Type	Description
PERIOD_NAME (PK)	NOT NULL	VARCHAR2(20)	The implementation-defined name that uniquely identifies the period
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	NOT NULL	DATE	The start date of the PA period
END_DATE	NOT NULL	DATE	The end date of the PA period
STATUS	NOT NULL	VARCHAR2(1)	The status of the PA period used to determine if the period can be used for processing
GL_PERIOD_NAME	NOT NULL	VARCHAR2(15)	The GL period that matches the PA period
CURRENT_PA_PERIOD_FLAG	NULL	VARCHAR2(1)	Indicates the current period used for reporting and accumulation
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

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*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_PERIODS_N1	NOT UNIQUE	1	STATUS
PA_PERIODS_N2	NOT UNIQUE	1	GL_PERIOD_NAME
PA_PERIODS_U1	UNIQUE	1	PERIOD_NAME
		2	ORG_ID
PA_PERIODS_U2	UNIQUE	1	START_DATE
		2	END_DATE
		3	ORG_ID

PA\_PERIODS\_COPY\_V

PA\_PERIODS\_COPY\_V is a view used to determine which PA periods to copy from GL periods.

View Definition

```
CREATE VIEW PA_PERIODS_COPY_V
as SELECT
    GLP.PERIOD_NAME
    , GLP.START_DATE
    , GLP.END_DATE
    , GLP2.PERIOD_NAME
    , GLB.SET_OF_BOOKS_ID
FROM
    GL_PERIODS GLP2,
    GL_PERIODS GLP,
    GL_SETS_OF_BOOKS GLB,
    PA_IMPLEMENTATIONS IMP
WHERE GLB.SET_OF_BOOKS_ID = IMP.SET_OF_BOOKS_ID
AND GLP.PERIOD_SET_NAME = GLB.PERIOD_SET_NAME
AND GLP.PERIOD_SET_NAME = GLP2.PERIOD_SET_NAME
AND GLP.PERIOD_TYPE      = IMP.PA_PERIOD_TYPE
AND GLP2.PERIOD_TYPE      = GLB.ACCOUNTED_PERIOD_TYPE
AND GLP.END_DATE BETWEEN GLP2.START_DATE AND GLP2.END_DATE
AND GLP.ADJUSTMENT_PERIOD_FLAG = 'N'
AND GLP2.ADJUSTMENT_PERIOD_FLAG = 'N'
AND NOT EXISTS (
    SELECT NULL
    FROM PA_PERIODS
    WHERE PERIOD_NAME = GLP.PERIOD_NAME )
```

Column Descriptions

Name	Null?	Type	Description
PERIOD_NAME	NOT NULL	VARCHAR2(15)	It is the PA Period name
START_DATE	NOT NULL	DATE	It is the start date of each PA period
END_DATE	NOT NULL	DATE	It is the end date of each PA period
GL_PERIOD_NAME	NOT NULL	VARCHAR2(15)	This column is the corresponding GL period
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	This column is the identifier of the GL set of books

## PA\_PM\_CONTROL\_ACTIONS

PA\_PM\_CONTROL\_ACTIONS table holds all the actions that need to be controlled in a project/budget that has been imported from an external system. The controls ensure that data in both Oracle Projects and the external systems remain consistent.

### Column Descriptions

Name	Null?	Type	Description
CONTROL_RULE_ID (PK)	NOT NULL	NUMBER	The unique identifier for the control action
ACTION	NOT NULL	VARCHAR2(30)	The Intended Action that needs to be controlled
DESCRIPTION	NOT NULL	VARCHAR2(80)	The Description of the Action
FIELD_VALUE_ALLOWED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether Field Values are allowed (pertinent only to actions involving Budgets)
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PM_CONTROL_ACTIONS_U1	UNIQUE	1	CONTROL_RULE_ID

PA\_PM\_PRODUCT\_CONTROL\_RULES

PA\_PM\_PRODUCT\_CONTROL\_RULES holds information about the various actions to be controlled for a specific external product. An entry in this table indicates that an action is not allowed by the product that created the original project, task, or budget record. The related Oracle Projects forms do not allow any modification to such imported records.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PM_CONTROL_ACTIONS	CONTROL_RULE_ID	CONTROL_RULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PM_PRODUCT_CODE	PM_PRODUCT_CODE	PA_LOOKUPS

Column Descriptions

Name	Null?	Type	Description
CONTROL_RULE_ID (PK)	NOT NULL	NUMBER	The identifier for the control action
PM_PRODUCT_CODE (PK)	NOT NULL	VARCHAR2(30)	The identifier of the external system
FIELD_VALUE_CODE	NULL	VARCHAR2(30)	Holds the field value code for certain field names (like AC for Cost Budget)
START_DATE_ACTIVE	NOT NULL	DATE	The effective start date
END_DATE_ACTIVE	NULL	DATE	The effective end date
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PM_PRODUCT_CONTROL_RULES_N1	NOT UNIQUE	1	CONTROL_RULE_ID
		2	PM_PRODUCT_CODE

## PA\_PM\_REFERENCE\_V

PA\_PM\_REFERENCE\_V displays Oracle Projects identifiers and external project management system references. This view is mainly used by external systems to identify the project or task identifiers for a given project or task reference.

### View Definition

```
CREATE VIEW PA_PM_REFERENCE_V
as SELECT
    P.PROJECT_ID
  , P.PM_PROJECT_REFERENCE
  , P.PM_PRODUCT_CODE
  , P.DESCRPTION
  , P.START_DATE
  , P.COMPLETION_DATE
  , P.PROJECT_STATUS_CODE
  , T.TASK_ID
  , T.PARENT_TASK_ID
  , T.TOP_TASK_ID
  , T.TASK_NUMBER
  , T.PM_TASK_REFERENCE
  , T.START_DATE
  , T.COMPLETION_DATE
  , T.SERVICE_TYPE_CODE
  , T.CHARGEABLE_FLAG
  , T.BILLABLE_FLAG
FROM
    PA_TASKS T
  , PA_PROJECTS P
WHERE
    P.PROJECT_ID = T.PROJECT_ID
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
PM_PROJECT_REFERENCE	NULL	VARCHAR2(25)	Refer to base table.
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	Refer to base table.
DESCRIPTION	NULL	VARCHAR2(250)	Refer to base table.
PROJECT_START_DATE	NULL	DATE	Refer to base table.
PROJECT_COMPLETION_DATE	NULL	DATE	Refer to base table.
PROJECT_STATUS_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
PARENT_TASK_ID	NULL	NUMBER(15)	Refer to base table.
TOP_TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PM_TASK_REFERENCE	NULL	VARCHAR2(25)	Refer to base table.
TASK_START_DATE	NULL	DATE	Refer to base table.
TASK_COMPLETION_DATE	NULL	DATE	Refer to base table.
SERVICE_TYPE_CODE	NULL	VARCHAR2(30)	Refer to base table.
CHARGEABLE_FLAG	NULL	VARCHAR2(1)	Refer to base table.
BILLABLE_FLAG	NULL	VARCHAR2(1)	Refer to base table.

## PA\_PROJECTS\_ALL

PA\_PROJECTS\_ALL stores the highest units of work defined in Oracle Projects at which funding can be allocated and at which revenue, invoices, unbilled receivables, and unearned revenue are generated and maintained. At the project level, users can specify the methods to be used for revenue accrual and billing, and the invoice formats to be used for invoicing. A project is broken down into one or more tasks. All projects can be funded by one or more agreements.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	CARRYING_OUT_ORGANIZATION_ID
PA_BILLING_CYCLES	BILLING_CYCLE_ID	BILLING_CYCLE_ID
PA_CC_TP_SCHEDULES_BG	TP_SCHEDULE_ID	LABOR_TP_SCHEDULE_ID
PA_CC_TP_SCHEDULES_BG	TP_SCHEDULE_ID	NL_TP_SCHEDULE_ID
PA_DISTRIBUTION_RULES	DISTRIBUTION_RULE	DISTRIBUTION_RULE
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	COST_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	OVR_COST_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	REV_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	OVR_REV_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	INV_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	OVR_INV_IND_RATE_SCH_ID
PA_INVOICE_FORMATS	INVOICE_FORMAT_ID	LABOR_INVOICE_FORMAT_ID
PA_INVOICE_FORMATS	INVOICE_FORMAT_ID	NON_LABOR_INVOICE_FORMAT_ID
PA_INVOICE_FORMATS	INVOICE_FORMAT_ID	RETENTION_INVOICE_FORMAT_ID
PA_PROJECT_STATUSES	PROJECT_STATUS_CODE	PROJECT_STATUS_CODE
PA_PROJECT_TYPES_ALL	PROJECT_TYPE	PROJECT_TYPE
	ORG_ID	ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID	LABOR_BILL_RATE_ORG_ID
	STD_BILL_RATE_SCHEDULE	LABOR_STD_BILL_RATE_SCHDL
	ORG_ID	ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID	NON_LABOR_BILL_RATE_ORG_ID
	STD_BILL_RATE_SCHEDULE	NON_LABOR_STD_BILL_RATE_SCHDL
	ORG_ID	ORG_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LABOR_SCH_TYPE	PROJECT SCHEDULE TYPE	PA_LOOKUPS
	B	Bill Rate
	I	Indirect
NON_LABOR_SCH_TYPE	PROJECT SCHEDULE TYPE	PA_LOOKUPS
	B	Bill Rate
	I	Indirect
PM_PRODUCT_CODE	PM_PRODUCT_CODE	PA_LOOKUPS
PROJECT_STATUS_CODE	PROJECT STATUS	PA_LOOKUPS
	ACTIVE	Active
	CLOSED	Closed
WF_STATUS_CODE	WF_STATUS_CODE	PA_LOOKUPS
	IN_ROUTE	In Progress
	REJECTED	Rejected

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Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the project
NAME	NOT NULL	VARCHAR2(30)	User-defined name that uniquely identifies the project
SEGMENT1	NOT NULL	VARCHAR2(25)	The project number that uniquely identifies the project. The project number can be user-entered or system-generated as defined in the implementation options
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
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	The project type that classifies the project and defaults project information upon project entry
CARRYING_OUT_ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the organization that is responsible for the project work
PUBLIC_SECTOR_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the project is in the public sector or the private sector
PROJECT_STATUS_CODE	NOT NULL	VARCHAR2(30)	The status of the project.
DESCRIPTION	NULL	VARCHAR2(250)	The description of the project
START_DATE	NULL	DATE	The date on which the project starts; expenditure items with item dates before the start date cannot be entered for the project
COMPLETION_DATE	NULL	DATE	The date on which the project is completed; expenditure items with item dates after the completion date cannot be entered for the project
CLOSED_DATE	NULL	DATE	The date that the project was closed by changing the project status to Closed
DISTRIBUTION_RULE	NULL	VARCHAR2(30)	The distribution rule that specifies the contract project's revenue accrual and billing method
LABOR_INVOICE_FORMAT_ID	NULL	NUMBER(15)	The identifier of the invoice format used to group and format labor expenditure items into invoice lines
NON_LABOR_INVOICE_FORMAT_ID	NULL	NUMBER(15)	The identifier of the invoice format used to group and format non-labor expenditure items into invoice lines
RETENTION_INVOICE_FORMAT_ID	NULL	NUMBER(15)	The identifier of the invoice format used to format a retention line on the project's invoices
RETENTION_PERCENTAGE	NULL	NUMBER(15)	The percentage to be retained on each invoice generated for the project

Column Descriptions (Continued)

Name	Null?	Type	Description
BILLING_OFFSET	NULL	NUMBER(15)	The number of days after the project start date when the first invoice for the project is created
BILLING_CYCLE	NULL	NUMBER(15)	Obsolete
LABOR_STD_BILL_RATE_SCHDL	NULL	VARCHAR2(20)	The labor standard bill rate schedule that defaults to new tasks created for the project
LABOR_BILL_RATE_ORG_ID	NULL	NUMBER(15)	The identifier of the organization that owns the labor standard bill rate schedule
LABOR_SCHEDULE_FIXED_DATE	NULL	DATE	The fixed date used to determine the effective bill rates of the standard labor bill rate schedule. The project fixed date is a default for the task fixed date
LABOR_SCHEDULE_DISCOUNT	NULL	NUMBER(7,4)	The percentage to be discounted from the standard labor bill rate schedule. The project discount is a default for the task discount
NON_LABOR_STD_BILL_RATE_SCHDL	NULL	VARCHAR2(30)	The non-labor standard bill rate schedule that defaults to new tasks created for the project
NON_LABOR_BILL_RATE_ORG_ID	NULL	NUMBER(15)	The identifier of the organization that owns the non-labor standard bill rate schedule
NON_LABOR_SCHEDULE_FIXED_DATE	NULL	DATE	The fixed date used to determine the effective bill rates of the standard non-labor bill rate schedule. The project fixed date is a default for the task fixed date
NON_LABOR_SCHEDULE_DISCOUNT	NULL	NUMBER(7,4)	The percentage to be discounted from the standard non-labor bill rate schedule. The project discount is a default for the task discount
LIMIT_TO_TXN_CONTROLS_FLAG	NULL	VARCHAR2(1)	Flag that indicates if users can only charge expenditures to the project that are listed in the transaction controls. If flag =Y, then only items listed in the controls are allowed. If flag =N or null, then items not listed are allowed
PROJECT_LEVEL_FUNDING_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the project is funded at the project level ('Y') or at the top task level ('N'). This flag is set when the project is baselined
INVOICE_COMMENT	NULL	VARCHAR2(240)	Free text comment that can be printed on an invoice. The invoice comment defined for the project is defaulted to the invoice comment for the draft invoices of the project

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Column Descriptions (Continued)

Name	Null?	Type	Description
UNBILLED_RECEIVABLE_DR	NULL	NUMBER(22,5)	The unbilled receivables balance for the project that is posted to Oracle General Ledger or Oracle Receivables. This value is maintained by the Transfer Revenue and Transfer Invoices processes
UNEARNED_REVENUE_CR	NULL	NUMBER(22,5)	The unearned revenue balance for the project that is posted to Oracle General Ledger or Oracle Receivables. This value is maintained by the Transfer Revenue and Transfer Invoices processes
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
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag used with the project key flexfield. The project key flexfield is not implemented
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag used with the key flexfield. The project key flexfield is not implemented
SEGMENT2	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
SEGMENT3	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
SEGMENT4	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
SEGMENT5	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
SEGMENT6	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
SEGMENT7	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
SEGMENT8	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
SEGMENT9	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
SEGMENT10	NULL	VARCHAR2(25)	Key flexfield segment - not implemented
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
COST_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default costing burden schedule
REV_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default revenue burden schedule
INV_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default invoice burden schedule

Column Descriptions (Continued)

Name	Null?	Type	Description
COST_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm costing burden schedule
REV_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm revenue burden schedule
INV_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm invoice burden schedule
LABOR_SCH_TYPE	NULL	VARCHAR2(1)	The schedule type of labor expenditure items
NON_LABOR_SCH_TYPE	NULL	VARCHAR2(1)	The schedule type of non-labor expenditure items
OVR_COST_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used
OVR_REV_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used
OVR_INV_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used
TEMPLATE_FLAG	NULL	VARCHAR2(1)	Indicates whether the project is a Template or Not
VERIFICATION_DATE	NULL	DATE	Not currently used
CREATED_FROM_PROJECT_ID	NULL	NUMBER(15)	Holds the Project_id of the source project. This value would be null for templates
TEMPLATE_START_DATE_ACTIVE	NULL	DATE	The Effective start date of the Template
TEMPLATE_END_DATE_ACTIVE	NULL	DATE	Last effective date of the template
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	The identifier of the external project management system from which the project was imported.
PM_PROJECT_REFERENCE	NULL	VARCHAR2(25)	The identifier of the project in the external project management system from which the project was imported.
ACTUAL_START_DATE	NULL	DATE	The actual start date of the project. Applicable only for a project that has originated from an external system.
ACTUAL_FINISH_DATE	NULL	DATE	The actual end date of the project. Applicable only for a project that has originated from an external system.
EARLY_START_DATE	NULL	DATE	The early start date of the project. Applicable only for a project that has originated from an external system.
EARLY_FINISH_DATE	NULL	DATE	The early finish date of the project. Applicable only for a project that has originated from an external system.
LATE_START_DATE	NULL	DATE	The late start date of the project. Applicable only for a project that has originated from an external system.
LATE_FINISH_DATE	NULL	DATE	The late finish date of the project. Applicable only for a project that has originated from an external system.
SCHEDULED_START_DATE	NULL	DATE	The scheduled start date of the project. Applicable only for a project that has originated from an external system.

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Column Descriptions (Continued)

Name	Null?	Type	Description
SCHEDULED_FINISH_DATE	NULL	DATE	The scheduled finish date of the project. Applicable only for a project that has originated from an external system.
BILLING_CYCLE_ID	NULL	NUMBER(15)	The identifier of the billing cycle which applies to the project
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.
WF_STATUS_CODE	NULL	VARCHAR2(30)	Indicates the status of the workflow associated with the project
OUTPUT_TAX_CODE	NULL	VARCHAR2(50)	Indicates whether tax rate defined for Projects will be used for Customer Invoices
RETENTION_TAX_CODE	NULL	VARCHAR2(50)	Indicates whether tax rate defined for retention will be used for Customer Invoices
PROJECT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency code of the project
ALLOW_CROSS_CHARGE_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether cross charge are allowed
PROJECT_RATE_DATE	NULL	DATE	Default value for project rate date which can be overridden at task
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Default value for project rate type which can be overridden at task
CC_PROCESS_LABOR_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates cross charge processing is to be performed for labor transactions charged to the project. Default value for the project template is N. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date.
LABOR_TP_SCHEDULE_ID	NOT NULL	NUMBER	Identifier for transfer price schedule to use for cross charged labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date. It cc_process_labor_flag is set to Y, this field is required.
LABOR_TP_FIXED_DATE	NULL	DATE	Fixed date to find the effective rate of the bill rate or burden schedule when determining the transfer price for labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date.

# Column Descriptions (Continued)

Name	Null?	Type	Description
CC_PROCESS_NL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates cross charge processing is to be performed for n on-labor transactions charged to the project. Default value for the project template is N. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date.
NL_TP_SCHEDULE_ID	NOT NULL	NUMBER	Identifier for transfer price schedule to use for cross charged non-labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date. If cc_process_nl_flag is set to Y, this field is required.
NL_TP_FIXED_DATE	NULL	DATE	Fixed date to find the effective rate of the bill rate or burden schedule when determining the transfer price for non-labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date.
CC_TAX_TASK_ID	NULL	NUMBER	Identifier of the task to which intercompany tax items on the intercompany AP invoice are charged.

## Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECTS_N1	NOT UNIQUE	1	LABOR_BILL_RATE_ORG_ID
		2	LABOR_STD_BILL_RATE_SCHDL
PA_PROJECTS_N2	NOT UNIQUE	1	CARRYING_OUT_ORGANIZATION_ID
PA_PROJECTS_N3	NOT UNIQUE	1	NON_LABOR_BILL_RATE_ORG_ID
		2	NON_LABOR_STD_BILL_RATE_SCHDL
PA_PROJECTS_N4	NOT UNIQUE	1	PROJECT_STATUS_CODE
PA_PROJECTS_N5	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_PROJECTS_U1	UNIQUE	1	PROJECT_ID
PA_PROJECTS_U2	UNIQUE	1	SEGMENT1
PA_PROJECTS_U3	UNIQUE	1	NAME
PA_PROJECTS_U4	UNIQUE	1	PM_PROJECT_REFERENCE
		2	PM_PRODUCT_CODE

## Sequences

Sequence	Derived Column
PA_PROJECTS_S	PROJECT_ID

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#### *Database Triggers*

Trigger Name : PA\_ADW\_PROJECTS\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_COLUMN for any updates to PROJECT\_TYPE, NAME, SEGMENT1, DESCRIPTION and CARRYING\_OUT\_ORGANIZATION\_ID columns

## PA\_PROJECTS\_FOR\_ACCUM

PA\_PROJECTS\_FOR\_ACCUM caches the projects which need to be processed by the update projects summary process. After the end of the process the records are deleted.

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER	The identifier of the project which is to be processed
REQUEST_ID	NOT NULL	NUMBER	The identifier of the concurrent process
ACTION_FLAG	NOT NULL	VARCHAR2(2)	The flag to indicate the action to be taken for the project
SEGMENT1	NOT NULL	VARCHAR2(25)	The name of the project
EXCEPTION_FLAG	NULL	VARCHAR2(1)	Flag to indicate if the summarization was successful or not

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECTS_FOR_ACCUM_N1	NOT UNIQUE	1	REQUEST_ID
		2	SEGMENT1
		3	ACTION_FLAG



## PA\_PROJECT\_ACCUM\_ACTUALS

PA\_PROJECT\_ACCUM\_ACTUALS stores the summary records for cost and revenue for each combination of project\_id, task\_id and resource\_list\_member\_id. Actuals information is denormalized and stored at each level of Work Breakdown Structure (equal and higher than WBS level of actuals). For resources, amounts are stored only at the lowest level.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECT_ACCUM_HEADERS	PROJECT_ACCUM_ID	PROJECT_ACCUM_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCUM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of accumulation header for which this line was created
RAW_COST_ITD	NULL	NUMBER	Inception to date raw cost for project
RAW_COST_YTD	NULL	NUMBER	Year to date raw cost for project
RAW_COST_PP	NULL	NUMBER	Raw cost for prior GL or PA period
RAW_COST_PTD	NULL	NUMBER	Period to date raw cost for PA or GL period
BILLABLE_RAW_COST_ITD	NULL	NUMBER	Inception to date billable raw cost for project
BILLABLE_RAW_COST_YTD	NULL	NUMBER	Year to date billable raw cost for project
BILLABLE_RAW_COST_PP	NULL	NUMBER	Billable raw cost for prior GL or PA period
BILLABLE_RAW_COST_PTD	NULL	NUMBER	Period to date billable raw cost for PA or GL period
BURDENED_COST_ITD	NULL	NUMBER	Inception to date burdened cost for project
BURDENED_COST_YTD	NULL	NUMBER	Year to date burdened cost for project
BURDENED_COST_PP	NULL	NUMBER	Burdened cost for prior GL or PA period
BURDENED_COST_PTD	NULL	NUMBER	Period to date burdened cost for PA or GL period
BILLABLE_BURDENED_COST_ITD	NULL	NUMBER	Inception to date billable burdened cost for project
BILLABLE_BURDENED_COST_YTD	NULL	NUMBER	Year to date billable burdened cost for project
BILLABLE_BURDENED_COST_PP	NULL	NUMBER	Billable burdened cost for prior GL or PA period
BILLABLE_BURDENED_COST_PTD	NULL	NUMBER	Period to date billable burdened cost for PA or GL period
QUANTITY_ITD	NULL	NUMBER	Inception to date quantity for project
QUANTITY_YTD	NULL	NUMBER	Year to date quantity for project
QUANTITY_PP	NULL	NUMBER	Quantity for prior GL or PA period

Column Descriptions (Continued)

Name	Null?	Type	Description
QUANTITY_PTD	NULL	NUMBER	Period to date quantity for PA or GL period
LABOR_HOURS_ITD	NULL	NUMBER	Inception to date labor hours for project
LABOR_HOURS_YTD	NULL	NUMBER	Year to date labor hours for project
LABOR_HOURS_PP	NULL	NUMBER	Labor hours for prior GL or PA period
LABOR_HOURS_PTD	NULL	NUMBER	Period to date labor hours for PA or GL period
BILLABLE_QUANTITY_ITD	NULL	NUMBER	Inception to date billable quantity for project
BILLABLE_QUANTITY_YTD	NULL	NUMBER	Year to date billable quantity for project
BILLABLE_QUANTITY_PP	NULL	NUMBER	Billable quantity for prior GL or PA period
BILLABLE_QUANTITY_PTD	NULL	NUMBER	Period to date billable quantity for PA or GL period
BILLABLE_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date billable labor hours for project
BILLABLE_LABOR_HOURS_YTD	NULL	NUMBER	Year to date billable labor hours for project
BILLABLE_LABOR_HOURS_PP	NULL	NUMBER	Billable labor hours for prior GL or PA period
BILLABLE_LABOR_HOURS_PTD	NULL	NUMBER	Period to date billable labor hours for PA or GL period
REVENUE_ITD	NULL	NUMBER	Inception to date revenue for the project
REVENUE_YTD	NULL	NUMBER	Year to date revenue for project
REVENUE_PP	NULL	NUMBER	Prior GL or PA period revenue for the project
REVENUE_PTD	NULL	NUMBER	Period to date revenue for the project
TXN_UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Transaction unit of measure
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	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ACCUM_ACTUALS_U1	UNIQUE	1	PROJECT_ACCUM_ID

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## PA\_PROJECT\_ACCUM\_BUDGETS

PA\_PROJECT\_ACCUM\_BUDGETS stores the summary records for original budgets and baseline budgets by budget type for each combination of project\_id, task\_id, resource\_list\_member\_id and budget type. Budget information is denormalized and stored at each level of Work Breakdown Structure (equal and higher than WBS level of budgets). For resources, amounts are stored only at the lowest level.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_BUDGET_TYPES	BUDGET_TYPE_CODE	BUDGET_TYPE_CODE
PA_PROJECT_ACCUM_HEADERS	PROJECT_ACCUM_ID	PROJECT_ACCUM_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCUM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of accumulation header for which this line was created
BUDGET_TYPE_CODE (PK)	NOT NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BASE_RAW_COST_ITD	NULL	NUMBER	Inception to date base raw cost for project
BASE_RAW_COST_YTD	NULL	NUMBER	Year to date base raw cost for project
BASE_RAW_COST_PP	NULL	NUMBER	Base raw cost for prior GL or PA period
BASE_RAW_COST_PTD	NULL	NUMBER	Period to date base raw cost for PA or GL period
BASE_BURDENED_COST_ITD	NULL	NUMBER	Inception to date base burdened cost for project
BASE_BURDENED_COST_YTD	NULL	NUMBER	Year to date base burdened cost for project
BASE_BURDENED_COST_PP	NULL	NUMBER	Base burdened cost for prior GL or PA period
BASE_BURDENED_COST_PTD	NULL	NUMBER	Period to date base burdened cost for PA or GL period
ORIG_RAW_COST_ITD	NULL	NUMBER	Inception to date original raw cost for project
ORIG_RAW_COST_YTD	NULL	NUMBER	Year to date original raw cost for project
ORIG_RAW_COST_PP	NULL	NUMBER	Original raw cost for prior GL or PA period
ORIG_RAW_COST_PTD	NULL	NUMBER	Period to date original raw cost for PA or GL period
ORIG_BURDENED_COST_ITD	NULL	NUMBER	Inception to date original burdened cost for project
ORIG_BURDENED_COST_YTD	NULL	NUMBER	Year to date original burdened cost project
ORIG_BURDENED_COST_PP	NULL	NUMBER	Original burdened cost for prior GL or PA period
ORIG_BURDENED_COST_PTD	NULL	NUMBER	Period to date original burdened cost for PA or GL period
BASE_REVENUE_ITD	NULL	NUMBER	Inception to date base revenue for project

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BASE_REVENUE_YTD	NULL	NUMBER	Year to date base revenue project
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Column Descriptions (Continued)

Name	Null?	Type	Description
BASE_REVENUE_PP	NULL	NUMBER	Base revenue for prior GL or PA period
BASE_REVENUE_PTD	NULL	NUMBER	Period to date base revenue for PA or GL period
ORIG_REVENUE_ITD	NULL	NUMBER	Inception to date original revenue for project
ORIG_REVENUE_YTD	NULL	NUMBER	Year to date original revenue for project
ORIG_REVENUE_PP	NULL	NUMBER	Original revenue for prior GL or PA period
ORIG_REVENUE_PTD	NULL	NUMBER	Period to date original revenue for PA or GL period
ORIG_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PP	NULL	NUMBER	Original labor hours for prior GL or PA period
ORIG_LABOR_HOURS_PTD	NULL	NUMBER	Period to date original labor hours for PA or GL period
BASE_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PP	NULL	NUMBER	Base labor hours for prior GL or PA period
BASE_LABOR_HOURS_PTD	NULL	NUMBER	Period to date base labor hours for PA or GL period
ORIG_QUANTITY_YTD	NULL	NUMBER	Year to date original quantity for project
ORIG_QUANTITY_ITD	NULL	NUMBER	Inception to date original quantity for project
ORIG_QUANTITY_PP	NULL	NUMBER	Original quantity for prior GL or PA period
ORIG_QUANTITY_PTD	NULL	NUMBER	Period to date original quantity for PA or GL period
BASE_QUANTITY_YTD	NULL	NUMBER	Year to date base quantity for project
BASE_QUANTITY_ITD	NULL	NUMBER	Inception to date base quantity for project
BASE_QUANTITY_PP	NULL	NUMBER	Base quantity for prior GL or PA period
BASE_QUANTITY_PTD	NULL	NUMBER	Period to date base quantity for PA or GL period
ORIG_LABOR_HOURS_TOT	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_TOT	NULL	NUMBER	Total base labor hours
ORIG_QUANTITY_TOT	NULL	NUMBER	Total original quantity
BASE_QUANTITY_TOT	NULL	NUMBER	Total base quantity
BASE_RAW_COST_TOT	NULL	NUMBER	Total base raw cost
BASE_BURDENED_COST_TOT	NULL	NUMBER	Total base burdened cost
ORIG_RAW_COST_TOT	NULL	NUMBER	Total original raw cost
ORIG_BURDENED_COST_TOT	NULL	NUMBER	Total original burdened cost
BASE_REVENUE_TOT	NULL	NUMBER	Total base revenue
ORIG_REVENUE_TOT	NULL	NUMBER	Total original revenue
BASE_UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Base unit of measurement
ORIG_UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Original unit of measurement

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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

*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
PA_PROJECT_ACCUM_BUDGETS_U1	UNIQUE	1	PROJECT_ACCUM_ID
		2	BUDGET_TYPE_CODE

## PA\_PROJECT\_ACCUM\_COMMITMENTS

PA\_PROJECT\_ACCUM\_COMMITMENTS stores the summary records for commitments for each combination of project\_id, task\_id and resource\_list\_member\_id. Commitments information is denormalized and stored at each level of Work Breakdown Structure.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECT_ACCUM_HEADERS	PROJECT_ACCUM_ID	PROJECT_ACCUM_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCUM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of accumulation header for which this line was created
CMT_RAW_COST_ITD	NULL	NUMBER	Inception to date commitment raw cost for project
CMT_RAW_COST_YTD	NULL	NUMBER	Year to date commitment raw cost for project
CMT_RAW_COST_PP	NULL	NUMBER	Commitment raw cost for prior GL or PA period
CMT_RAW_COST_PTD	NULL	NUMBER	Period to date commitment raw cost for PA or GL period
CMT_BURDENED_COST_ITD	NULL	NUMBER	Inception to date commitment burdened cost for project
CMT_BURDENED_COST_YTD	NULL	NUMBER	Year to date commitment burdened cost for project
CMT_BURDENED_COST_PP	NULL	NUMBER	Commitment burdened cost for prior GL or PA period
CMT_BURDENED_COST_PTD	NULL	NUMBER	Period to date commitment burdened cost for PA or GL period
CMT_QUANTITY_ITD	NULL	NUMBER	Inception to date commitment quantity for project
CMT_QUANTITY_YTD	NULL	NUMBER	Year to date commitment quantity for project
CMT_QUANTITY_PP	NULL	NUMBER	Commitment quantity for prior GL or PA period
CMT_QUANTITY_PTD	NULL	NUMBER	Period to date commitment quantity for PA or GL period
CMT_UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Commitment unit of measure
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	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ACCUM_COMMITMENT_U1	UNIQUE	1	PROJECT_ACCUM_ID

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## PA\_PROJECT\_ACCUM\_HEADERS

PA\_PROJECT\_ACCUM\_HEADERS stores summary records for each combination of project\_id, task\_id and resource\_list\_member\_id. For project level records task\_id and resource\_list\_member\_id is set to zero.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	ACCUM_PERIOD
PA_PERIODS_ALL	PERIOD_NAME	ACCUM_PERIOD
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	RESOURCE_LIST_ID
PA_RESOURCE_LIST_ASSIGNMENTS	RESOURCE_LIST_ASSIGNMENT_ID	RESOURCE_LIST_ASSIGNMENT_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
PROJECT_ACCUM_ID (PK)	NOT NULL	NUMBER(15)	The identifier which uniquely defines this line
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of project for which the header was created
TASK_ID	NOT NULL	NUMBER(15)	The identifier of task for which the header was created
ACCUM_PERIOD	NULL	VARCHAR2(20)	Last accumulation GL or PA period, depending on the imp. option
RESOURCE_ID	NOT NULL	NUMBER(15)	The identifier of resource for which the header was created
RESOURCE_LIST_ASSIGNMENT_ID	NOT NULL	NUMBER(15)	The identifier of resource list assignment for which the header was created
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	The identifier of resource list for which the header was created
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	The identifier of resource list member for which the header was created
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	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
TASKS_RESTRUCTURED_FLAG	NULL	VARCHAR2(1)	Indicates that the task hierarchy has been re-structured and the accumulation figures have to be refreshed
SUM_EXCEPTION_CODE	NULL	VARCHAR2(80)	The summarization exception reason for the project.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ACCUM_HEADERS_N1	NOT UNIQUE	1	PROJECT_ID
		2	RESOURCE_LIST_ID
		3	TASK_ID
PA_PROJECT_ACCUM_HEADERS_U1	UNIQUE	1	PROJECT_ACCUM_ID
PA_PROJECT_ACCUM_HEADERS_U2	UNIQUE	1	PROJECT_ID
		2	TASK_ID
		3	RESOURCE_LIST_MEMBER_ID

*Sequences*

Sequence	Derived Column
PA_PROJECT_ACCUM_HEADERS_S	PROJECT_ACCUM_ID



## PA\_PROJECT\_ASSETS\_ALL

PA\_PROJECT\_ASSETS\_ALL stores information about assets defined under capital projects. Some table columns correspond to asset information in the Oracle Assets product.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FA_CATEGORIES_B	CATEGORY_ID	ASSET_CATEGORY_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PER_ALL_PEOPLE_F	PERSON_ID	ASSIGNED_TO_PERSON_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ASSET_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the asset
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project to which this asset belongs
ASSET_NUMBER	NUL	VARCHAR2(15)	Unique asset identifier; can be user-entered or system-generated by Oracle Assets
ASSET_NAME	NOT NULL	VARCHAR2(30)	User-defined name that uniquely identifies an asset within a project
ASSET_DESCRIPTION	NOT NULL	VARCHAR2(80)	Description; placed on parent mass additions line upon transfer to Oracle Assets
LOCATION_ID	NUL	NUMBER(15)	The identifier of the location to which the asset is assigned
ASSIGNED_TO_PERSON_ID	NUL	NUMBER(15)	The identifier of the employee to whom the asset is assigned
DATE_PLACED_IN_SERVICE	NUL	DATE	Date placed in service of the asset
ASSET_CATEGORY_ID	NUL	NUMBER(15)	The identifier of the asset category to which the asset is assigned
BOOK_TYPE_CODE	NUL	VARCHAR2(15)	The corporate book to which the asset is assigned
ASSET_UNITS	NUL	NUMBER(6)	The number of asset units
DEPRECIATE_FLAG	NUL	VARCHAR2(1)	Indicates whether or not the asset should be depreciated in Oracle Assets
DEPRECIATION_EXPENSE_CCID	NUL	NUMBER(15)	The identifier of the depreciation expense account for the asset
AMORTIZE_FLAG	NUL	VARCHAR2(1)	Indicates whether or not cost adjustments should be amortized in Oracle Assets
COST_ADJUSTMENT_FLAG	NUL	VARCHAR2(1)	Indicates whether asset cost adjustments have been interfaced to Oracle Assets
CAPITALIZED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether or not the asset has been interfaced to Oracle Assets
CAPITALIZED_DATE	NUL	DATE	The last date non-reversing cost adjustments were interfaced to Oracle Assets

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Column Descriptions (Continued)

Name	Null?	Type	Description
REVERSE_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the asset will be reversed in the next Generate Asset Lines run
REVERSAL_DATE	NULL	DATE	The last date reversing asset lines were created.
ESTIMATED_IN_SERVICE_DATE	NULL	DATE	The asset's estimated date placed in service
CAPITALIZED_COST	NULL	NUMBER(22,5)	The cost amount which has been interfaced to Oracle Assets for capitalization.
GROUPED_CIP_COST	NULL	NUMBER(22,5)	The asset's cost amount which has been grouped into asset lines.
NEW_MASTER_FLAG	NULL	VARCHAR2(1)	Determines whether Oracle Assets will reclassify asset based on cost adjustment
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
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 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
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
ASSET_KEY_CCID	NULL	NUMBER(15)	Key flexfield code combination identifier for asset key flexfield

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ASSETS_N1	NOT UNIQUE	1	PROJECT_ID
PA_PROJECT_ASSETS_N2	NOT UNIQUE	1	REVERSE_FLAG
PA_PROJECT_ASSETS_U1	UNIQUE	1	PROJECT_ASSET_ID

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Sequences

Sequence	Derived Column
PA_PROJECT_ASSETS_S	PROJECT_ASSET_ID

## PA\_PROJECT\_ASSET\_ASSIGNMENTS

PA\_PROJECT\_ASSET\_ASSIGNMENTS stores information about the relationship between projects or tasks and assets. The data in this table controls the level (project, top task, or lowest level task) at which detailed cost transactions will be summarized into project asset lines.

Records in this table will have a task\_id of zero for project level asset assignments. Records will have an asset\_id of zero for common cost assignments.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECT_ASSETS_ALL	PROJECT_ASSET_ID	PROJECT_ASSET_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ASSET_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the asset; value is 0 for common cost assignments
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task; value is 0 on project-level assignments
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project involved in the assignment
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
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

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ASSET_ASSIGN_N1	NOT UNIQUE	1	PROJECT_ASSET_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ASSET_ASSIGN_U1	UNIQUE	1	PROJECT_ID
		2	TASK_ID
		3	PROJECT_ASSET_ID

## PA\_PROJECT\_ASSET\_LINES\_ALL

PA\_PROJECT\_ASSET\_LINES\_ALL stores summarized project CIP cost lines. The level of summarization in this table is controlled by the CIP Grouping Method for the project type, as well as by the level (task or project) of asset assignments.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FA_CATEGORIES_B	CATEGORY_ID	ASSET_CATEGORY_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECT_ASSETS_ALL	PROJECT_ASSET_ID	PROJECT_ASSET_ID
PA_PROJECT_ASSET_LINES_ALL	PROJECT_ASSET_LINE_ID	REV_PROJ_ASSET_LINE_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSFER_REJECTION_REASON	TRANSFER REJECTION REASON	PA_LOOKUPS
	ASSET_NOT_ADJUSTABLE	Asset is not adjustable
	ASSET_NOT_COMPLETE	Incomplete asset information
	ASSET_NOT_POSTED	Original Asset not posted
	CIP_NOT_XFERD_TO_GL	The CIP Cost in this Asset Line has not been transferred to
	FUTURE_DPIS	Future Period Date Placed in Service
TRANSFER_STATUS_CODE	TRANSFER STATUS	PA_LOOKUPS
	A	Accepted
	P	Pending
	R	Rejected
	T	Transferred
	V	Received
	X	Rejected in Transfer

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ASSET_LINE_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the asset line
DESCRIPTION	NULL	VARCHAR2(255)	Description of the asset line, derived from the CIP grouping method
PROJECT_ASSET_ID	NOT NULL	NUMBER(15)	The identifier of the asset assigned to the line; value is 0 on unassigned lines
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project to which the CIP cost was charged
TASK_ID	NULL	NUMBER(15)	The identifier of the task against which the CIP cost is charged
CIP_CCID	NULL	NUMBER(15)	The identifier of the GL account to which CIP cost is charged
ASSET_COST_CCID	NULL	NUMBER(15)	Not currently used

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGINAL_ASSET_COST	NULL	NUMBER(22,5)	The cost amount of the line at the time the line was originally created
CURRENT_ASSET_COST	NULL	NUMBER(22,5)	The line's current cost amount; split lines have a current cost original cost
PROJECT_ASSET_LINE_DETAIL_ID	NOT NULL	NUMBER(15)	Identifier of the asset line details linking this line to cost distribution lines
GL_DATE	NULL	DATE	Not currently used
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(1)	Status of the asset line as the cost information is transferred to Oracle Assets
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(30)	The reason why the line was rejected by the Interface Assets program
AMORTIZE_FLAG	NULL	VARCHAR2(1)	The amortize flag of the related asset at the time this line was interfaced
NEW_MASTER_FLAG	NULL	VARCHAR2(1)	Not currently used
ASSET_CATEGORY_ID	NULL	NUMBER(15)	Asset category derived from inventory item on lines with supplier invoice cost
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
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
REV_PROJ_ASSET_LINE_ID	NULL	NUMBER(15)	The id of the asset line which is reversed by this line.
REV_FROM_PROJ_ASSET_LINE_ID	NULL	NUMBER(15)	Not currently used
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
INVOICE_NUMBER	NULL	VARCHAR2(50)	Invoice Number from AP
VENDOR_NUMBER	NULL	VARCHAR2(30)	Vendor Number entered by the user from purchasing through AP
PO_VENDOR_ID	NULL	NUMBER(15)	Vendor ID from purchasing through AP
PO_NUMBER	NULL	VARCHAR2(20)	Purchase Order Number entered by the user from purchasing through AP
INVOICE_DATE	NULL	DATE	Invoice Date
INVOICE_CREATED_BY	NULL	NUMBER(15)	User ID of the person who created the invoice
INVOICE_UPDATED_BY	NULL	NUMBER(15)	User ID of the person who updated the invoice
INVOICE_ID	NULL	NUMBER(15)	Invoice Identification Number in AP
PAYABLES_BATCH_NAME	NULL	VARCHAR2(50)	AP batch name of invoices
AP_DISTRIBUTION_LINE_NUMBER	NULL	NUMBER(15)	Distribution Line Number from AP
ORIGINAL_ASSET_ID	NULL	NUMBER(15)	Asset id before calling client extension

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ASSET_LINES_N1	NOT UNIQUE	1	PROJECT_ASSET_ID
PA_PROJECT_ASSET_LINES_N2	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
PA_PROJECT_ASSET_LINES_N3	NOT UNIQUE	1	REV_PROJ_ASSET_LINE_ID
PA_PROJECT_ASSET_LINES_N4	NOT UNIQUE	1	TRANSFER_STATUS_CODE
PA_PROJECT_ASSET_LINES_N5	NOT UNIQUE	2	PROJECT_ASSET_LINE_DETAIL_ID
PA_PROJECT_ASSET_LINES_N6	NOT UNIQUE	2	REQUEST_ID
PA_PROJECT_ASSET_LINES_U1	UNIQUE	1	PROJECT_ASSET_LINE_ID

### Sequences

Sequence	Derived Column
PA_PROJECT_ASSET_LINES_S	PROJECT_ASSET_LINE_ID

### Database Triggers

Trigger Name : PA\_MRC\_PRJ\_AST\_LINES\_ALL\_AIUD  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update or delete statement on the table PA\_PROJECT\_ASSET\_LINES\_ALL. For each record being inserted/updated/deleted in PA\_PROJECT\_ASSET\_LINES\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_PRJ\_AST\_LINES\_ALL.



## PA\_PROJECT\_ASSET\_LINE\_DETAILS

PA\_PROJECT\_ASSET\_LINE\_DETAILS stores information necessary to drill down from an asset line to the cost distribution lines that are summarized in the asset line. The table has no primary key.

When an asset line is initially created, this table contains one record for each cost distribution line summarized into the asset line. Each of these initial records has the same PROJECT\_ASSET\_LINE\_DETAIL\_ID, which corresponds to the PROJECT\_ASSET\_LINE\_DETAIL\_ID on the asset line.

When an asset line is split into multiple lines, the PROJECT\_ASSET\_LINE\_DETAIL\_ID is copied to the new split lines. This makes it possible to drill down from each split line to all of the details supporting the original (pre-split) line.

When an asset line is reversed, the PA\_PROJECT\_ASSET\_LINE\_DETAILS reversal flag is set to 'Y' for each associated detail line. Setting this flag to 'Y' makes the associated cost distribution line now available to be summarized into a new asset line, while maintaining the ability to drill down from the reversed asset line to its cost distribution lines.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_COST_DISTRIBUTION_LINES_ALL	EXPENDITURE_ITEM_ID LINE_NUM	EXPENDITURE_ITEM_ID LINE_NUM
PA_PROJECT_ASSET_LINES_ALL	PROJECT_ASSET_LINE_ID	PROJECT_ASSET_LINE_DETAIL_ID

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	The identifier of the expenditure item summarized into the asset line
LINE_NUM	NOT NULL	NUMBER(15)	The identifier of the cost distribution line summarized into the asset line
PROJECT_ASSET_LINE_DETAIL_ID	NOT NULL	NUMBER(15)	The attribute relating detail records to asset lines
CIP_COST	NOT NULL	NUMBER(22,5)	The cip cost amount from the associated cost distribution line.
REVERSED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether or not the related asset line has been reversed.
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
REQUEST_ID	NULL	NUMBER(15)	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who Column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
PROJ_ASSET_LINE_DTL_UNIQ_ID (PK)	NOT NULL	NUMBER(15)	

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ASSET_LINE_DET_N1	NOT UNIQUE	1	PROJECT_ASSET_LINE_DETAIL_ID
PA_PROJECT_ASSET_LINE_DTLS_U1	UNIQUE	2	PROJ_ASSET_LINE_DTL_UNIQ_ID
PA_PROJ_ASSET_LINE_DET_N2	NOT UNIQUE	1	EXPENDITURE_ITEM_ID
		2	LINE_NUM

Sequences

Sequence	Derived Column
PA_PROJECT_ASSET_LINE_DET_S	PROJECT_ASSET_LINE_DETAIL_ID
PA_PROJ_ASSET_LINE_DTLS_UNIQ_S	PROJ_ASSET_LINE_DTL_UNIQ_ID

Database Triggers

Trigger Name : PA\_MRC\_PRJ\_AST\_LINE\_DET\_AID  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert or delete statement on the table PA\_PROJECT\_ASSET\_LINE\_DETAILS. For each record being inserted/deleted in PA\_PROJECT\_ASSET\_LINE\_DETAILS, this trigger inserts/deletes corresponding reporting currency records in the MRC subtable, PA\_MC\_PRJ\_AST\_LINE\_DTLS.

## PA\_PROJECT\_CLASSES

PA\_PROJECT\_CLASSES stores class codes for a particular class category which is used to describe or classify a project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_CLASS_CODES	CLASS_CODE	CLASS_CODE
	CLASS_CATEGORY	CLASS_CATEGORY
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project that is classified by the project class
CLASS_CATEGORY (PK)	NOT NULL	VARCHAR2(30)	The class category by which the project is classified
CLASS_CODE (PK)	NOT NULL	VARCHAR2(30)	The class code that classifies the project
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
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_CLASSES_N1	NOT UNIQUE	1	CLASS_CODE
PA_PROJECT_CLASSES_N2	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_PROJECT_CLASSES_U1	UNIQUE	1	PROJECT_ID
		2	CLASS_CATEGORY
		3	CLASS_CODE

### Database Triggers

Trigger Name : PA\_ADW\_PROJECT\_CLASSES\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to CLASS\_CATEGORY and CLASS\_CODE columns

## PA\_PROJECT\_CONTACTS

PA\_PROJECT\_CONTACTS stores customer representatives involved with projects.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
RA_CONTACTS	CONTACT_ID	CONTACT_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROJECT_CONTACT_TYPE_CODE	PROJECT CONTACT TYPE BILLING	PA_LOOKUPS Billing

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the contact is entered
CUSTOMER_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project customer for which the contact is entered
CONTACT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the contact who is a customer representative for the project
PROJECT_CONTACT_TYPE_CODE (PK)	NOT NULL	VARCHAR2(30)	The contact type that classifies the contact
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
PA_PROJECT_CONTACTS_U1	UNIQUE	1	PROJECT_ID
		2	CUSTOMER_ID
		3	CONTACT_ID
		4	PROJECT_CONTACT_TYPE_CODE

## PA\_PROJECT\_COPY\_OVERRIDES

PA\_PROJECT\_COPY\_OVERRIDES stores the Quick Entry options for project templates, which are used when copying a project template.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FIELD_NAME	OVERWRITE FIELD	PA_LOOKUPS
	CARRYING_OUT_ORGANIZATION_ID	Organization
	CLASSIFICATION	Classification
	COMPLETION_DATE	Project Completion Date
	CUSTOMER_NAME	Customer Name
	DESCRIPTION	Project Description
	DISTRIBUTION_RULE	Distribution Rule
	KEY_MEMBER	Key Member
	NAME	Project Name
	PROJECT_STATUS_CODE	Project Status
	PUBLIC_SECTOR_FLAG	Public Sector
	SEGMENT1	Project Number
	START_DATE	Project Start Date

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project template for which the options are created
FIELD_NAME	NOT NULL	VARCHAR2(30)	The Quick Entry option code.
DISPLAY_NAME	NOT NULL	VARCHAR2(80)	The name which gets displayed to the user while entering the Quick Entry options.
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
LIMITING_VALUE	NULL	VARCHAR2(30)	Holds the restricting value that limits the number of times the option can be entered through the Quick Entry screen. This is applicable only for certain options such as Customer Name and Key Member classification.
SORT_ORDER (PK)	NULL	NUMBER	Holds the ordering sequence of the option that gets displayed
MANDATORY_FLAG	NULL	VARCHAR2(1)	Indicates whether a value for that option is required to be entered while copying projects

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_COPY_OVERRIDES_U1	UNIQUE	1	PROJECT_ID
		3	SORT_ORDER

## PA\_PROJECT\_CUSTOMERS

PA\_PROJECT\_CUSTOMERS stores customers associated with a project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
RA_ADDRESSES_ALL	ADDRESS_ID	BILL_TO_ADDRESS_ID
RA_ADDRESSES_ALL	ADDRESS_ID	SHIP_TO_ADDRESS_ID
RA_ADDRESSES_ALL	ADDRESS_ID	BILL_TO_ADDRESS_ID
RA_ADDRESSES_ALL	ADDRESS_ID	SHIP_TO_ADDRESS_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROJECT_RELATIONSHIP_CODE	CUSTOMER PROJECT RELATIONSHIP	PA_LOOKUPS

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the customer is entered
CUSTOMER_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the customer that is involved with the project
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
PROJECT_RELATIONSHIP_CODE	NOT NULL	VARCHAR2(30)	The type of customer relationship that the customer has on the project
CUSTOMER_BILL_SPLIT	NULL	NUMBER(7,4)	The percentage of the total project revenue and invoice that the customer is charged
BILL_TO_ADDRESS_ID	NULL	NUMBER(15)	The identifier of the customer address to which invoices are sent
SHIP_TO_ADDRESS_ID	NULL	NUMBER(15)	The identifier of the customer address that is the project customer's default work site for the project
INV_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Default invoice currency code for the draft invoices generated for this project customer.
INV_RATE_TYPE	NULL	VARCHAR2(30)	Default invoice currency exchange rate type for the draft invoices generated for this project customer.
INV_RATE_DATE	NULL	DATE	Default invoice currency rate exchange date for the draft invoices generated for this project customer.

Column Descriptions (Continued)

Name	Null?	Type	Description
INV_EXCHANGE_RATE	NOT NULL	NUMBER	Default invoice currency exchange rate for the draft invoices generated for this project customer.
ALLOW_INV_USER_RATE_TYPE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether customer invoices could be recalculated in User Exchange Rate Type.
BILL_ANOTHER_PROJECT_FLAG	NULL	VARCHAR2(1)	Flag that indicates that the project customer is internal.
RECEIVER_TASK_ID	NULL	NUMBER	Task identifier for the receiver task that is linked to the internal project customer.

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_CUSTOMERS_U1	UNIQUE	1	PROJECT_ID
		2	CUSTOMER_ID



## PA\_PROJECT\_FUNDINGS

PA\_PROJECT\_FUNDINGS stores incremental allocations of agreement funds to projects or top tasks. Funding is required for a contract project before that project can accrue revenue and generate invoices. Indirect or capital projects can be funded with zero funding to link a project to an agreement for reporting purposes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_AGREEMENTS_ALL	AGREEMENT_ID	AGREEMENT_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_SUMMARY_PROJECT_FUNDINGS	PROJECT_ID	PROJECT_ID
	AGREEMENT_ID	AGREEMENT_ID
	TASK_ID	TASK_ID
PA_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BUDGET_TYPE_CODE	BUDGET TYPE	PA_LOOKUPS
	BASELINE	Baseline
	DRAFT	Draft

### Column Descriptions

Name	Null?	Type	Description
PA_PROJECT_FUNDINGS_PROJECT_ID	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the project funding record
PROJECT_FUNDING_ID (PK)	NOT NULL	NUMBER(15)	
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
AGREEMENT_ID	NOT NULL	NUMBER(15)	The identifier of the agreement that is allocating funds to the project or task
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project to which funds are allocated
TASK_ID	NULL	NUMBER(15)	The identifier of the top task to which funds are allocated
BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	The status of the funding, indicating if it is baselined or not
ALLOCATED_AMOUNT	NOT NULL	NUMBER(22,5)	The amount of funding allocated to the project or the top task
DATE_ALLOCATED	NOT NULL	DATE	The date on which the funding is allocated to the project or the top task
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_FUNDINGS_N1	NOT UNIQUE	1	AGREEMENT_ID
PA_PROJECT_FUNDINGS_N2	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
PA_PROJECT_FUNDINGS_U1	UNIQUE	1	PROJECT_FUNDING_ID

Sequences

Sequence	Derived Column
PA_PROJECT_FUNDINGS_S	PROJECT_FUNDING_ID

# PA\_PROJECT\_INVOICE\_RECEIVABLES

PA\_PROJECT\_INVOICE\_RECEIVABLES is a view of outstanding receivables for invoices transferred from Oracle Projects to Oracle Receivables.

For optimum performance in your reports and online queries, always include PROJECT\_ID in your selection criteria.

View Definition

```
CREATE VIEW PA_PROJECT_INVOICE_RECEIVABLES
as SELECT
    inv.project_id
    , inv.draft_invoice_num
    , inv.ra_invoice_number
    , inv.system_reference
    , sum(nvl(ps.amount_due_remaining,0))
FROM RA_CUSTOMER_TRX TRX
    , AR_PAYMENT_SCHEDULES PS
    , PA_DRAFT_INVOICES INV
WHERE inv.ra_invoice_number = trx.trx_number
AND   inv.system_reference = trx.customer_trx_id
AND   ps.customer_trx_id = trx.customer_trx_id
GROUP BY inv.project_id
    , inv.system_reference
    , inv.draft_invoice_num
    , inv.ra_invoice_number
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_DRAFT_INVOICES_ALL	PROJECT_ID DRAFT_INVOICE_NUM	PROJECT_ID DRAFT_INVOICE_NUM
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	CUSTOMER_TRX_ID

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NUL	NUMBER(15)	The identifier of the project for which the invoice receivable applies
DRAFT_INVOICE_NUM (PK)	NUL	NUMBER(15)	The identifier of the draft invoice for which the receivable applies
RA_INVOICE_NUMBER	NUL	VARCHAR2(20)	The AR invoice number of the invoice for which the receivable applies
CUSTOMER_TRX_ID	NUL	NUMBER(15)	The identifier of the invoice in Oracle Receivables for which the receivable applies
OPEN_AMOUNT	NUL	NUMBER(22,5)	The amount outstanding in Oracle Receivables. This value is blank if the draft invoice transfer status is not Accepted.

# PA\_PROJECT\_INVOICE\_VIEW

PA\_PROJECT\_INVOICE\_VIEW is a view of the released invoices for a project that can be used for management reporting and online queries.

For optimum performance in your reports and online queries, always include PROJECT\_ID in your selection criteria.

### View Definition

```
CREATE VIEW PA_PROJECT_INVOICE_VIEW
as SELECT
    inv.project_id
  , inv.draft_invoice_num
  , inv.ra_invoice_number
  , inv.invoice_date
  , inv.approved_date
  , inv.released_date
  , inv.creation_date
  , inv.gl_date
  , decode(inv.gl_date,null,null,gl_per.period_name)
  , pa_per.period_name
  , sum(item.amount - decode(item.invoice_line_type,'RETENTION',
    item.amount,0))
  , - sum(decode(item.invoice_line_type,'RETENTION',item.amount,0))
  , sum(item.amount)
  , inv.draft_invoice_num_credited
FROM PA_IMPLEMENTATIONS IMP
    , PA_PERIODS PA_PER
    , GL_PERIOD_STATUSES GL_PER
    , PA_DRAFT_INVOICE_ITEMS ITEM
    , PA_DRAFT_INVOICES INV

AND item.project_id = inv.project_id
AND item.draft_invoice_num = inv.draft_invoice_num
AND gl_per.set_of_books_id = imp.set_of_books_id
AND gl_per.application_id = 101
AND gl_per.adjustment_period_flag = 'N'
AND nvl(inv.gl_date,trunc(sysdate)) between gl_per.start_date
                                     and gl_per.end_date
AND inv.pa_date between pa_per.start_date and pa_per.end_date
GROUP BY inv.project_id, inv.draft_invoice_num, inv.ra_invoice_number
  , inv.invoice_date, inv.approved_date, inv.released_date
  , inv.creation_date, inv.gl_date, gl_per.period_name
  , pa_per.period_name, inv.draft_invoice_num_credited
```

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	GL_PERIOD
PA_DRAFT_INVOICES_ALL	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
PA_DRAFT_INVOICES_ALL	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM_CREDITED
PA_PERIODS_ALL	PERIOD_NAME	PA_PERIOD

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	Identifier of the project for which the invoice is generated
DRAFT_INVOICE_NUM (PK)	NOT NULL	NUMBER(15)	Sequential number that identifies the draft invoice within a project
RA_INVOICE_NUMBER	NOT NULL	VARCHAR2(20)	Invoice number of the invoice in Oracle Receivables. This number is printed on the customer invoice
INVOICE_DATE	NOT NULL	DATE	Invoice date of the invoice that is printed on the customer invoice and from which the receivables is aged
APPROVED_DATE	NOT NULL	DATE	Date on which the draft invoice was approved
RELEASED_DATE	NOT NULL	DATE	Date on which the draft invoice was released
CREATION_DATE	NOT NULL	DATE	Standard Who Column
GL_DATE	NULL	DATE	Date within the GL period in which the invoice is posted. This value is blank if the invoice has not been transferred to Oracle Receivables
GL_PERIOD	NULL	VARCHAR2(15)	GL period in which the invoice is posted. This value is blank if the invoice has not yet been transferred to Oracle Receivables
PA_PERIOD	NULL	VARCHAR2(20)	PA period in which the invoice was generated
TOTAL_INVOICE_AMOUNT	NOT NULL	NUMBER(22,5)	Total amount of the invoice, excluding retentions
RETENTION_AMOUNT	NULL	NUMBER(22,5)	Invoice retention amount. The retention amount is reported as a positive amount
INVOICE_AMOUNT	NOT NULL	NUMBER(22,5)	Net invoice amount, which includes retentions. Invoice Amount = Total Invoice Amount - Retentions
DRAFT_INVOICE_NUM_CREDITED	NULL	NUMBER(15)	Draft invoice invoice number that is credited by this draft invoice. The crediting invoice may be a credit memo or invoice write-off

PA\_PROJECT\_OPTIONS

PA\_PROJECT\_OPTIONS stores navigation options available for each project template. Only projects that are templates have rows in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_OPTIONS	OPTION_CODE	OPTION_CODE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	Identifier of the project template
OPTION_CODE (PK)	NOT NULL	VARCHAR2(30)	The identifier of the navigation option
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	NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_OPTIONS_U1	UNIQUE	1	PROJECT_ID
		2	OPTION_CODE

## PA\_PROJECT\_PLAYERS

PA\_PROJECT\_PLAYERS stores employees involved in the administration and maintenance of projects. Oracle Projects also refers to project players as key members.

Oracle Projects uses project players to enforce project security. For example, only project players assigned to a particular project can update project details and view project cost and revenue details. Cross-Project user security, however, overrides the project player security; that is, a Cross-Project user responsibility can update and view project information, (except labor costs in some cases).

For more information refer to the Oracle Projects User's Guide on project security.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECT_ROLE_TYPES	PROJECT_ROLE_TYPE	PROJECT_ROLE_TYPE
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project that is managed or administered by the project player
PERSON_ID (PK)	NOT NULL	NUMBER(9)	The identifier of the employee that manages or administers the project
PROJECT_ROLE_TYPE (PK)	NOT NULL	VARCHAR2(20)	The type of role that the project player has on the project
START_DATE_ACTIVE (PK)	NOT NULL	DATE	First effective date for the project player
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
END_DATE_ACTIVE	NULL	DATE	Last effective date for the project player

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_PLAYERS_N1	NOT UNIQUE	1	PERSON_ID
PA_PROJECT_PLAYERS_U1	UNIQUE	1	PROJECT_ID
		2	PERSON_ID
		3	PROJECT_ROLE_TYPE
		4	START_DATE_ACTIVE

# PA\_PROJECT\_ROLE\_TYPES

PA\_PROJECT\_ROLE\_TYPES stores implementation-defined roles or responsibilities that project players (key members) can have on a project.

Project roles types define labor cost security. For each role type, you define whether the key member assigned that role type can view labor costs.

Oracle Projects provides a Project Manager role type upon installation.

## Column Descriptions

Name	Null?	Type	Description
PROJECT_ROLE_TYPE (PK)	NOT NULL	VARCHAR2(20)	Implementation-defined name that uniquely identifies the project role type
MEANING	NOT NULL	VARCHAR2(80)	Short, user-friendly name to describe the role 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
QUERY_LABOR_COST_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether project players assigned the project role type can view labor costs online and in reports
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of project role type
END_DATE_ACTIVE	NULL	DATE	Last effective date for the project role type
DESCRIPTION	NULL	VARCHAR2(250)	The description of the project role type
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

## Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_ROLE_TYPES_U1	UNIQUE	1	PROJECT_ROLE_TYPE

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## PA\_PROJECT\_STATUSES

PA\_PROJECT\_STATUSES stores the implementation-defined statuses that a project can have. Project status determines the state the project is in and controls what actions can be performed on a project.

Oracle Projects predefines the following project statuses: Approved, Rejected, Unapproved, Submitted, Closed, and Pending Close.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROJECT_SYSTEM_STATUS_CODE	PROJECT SYSTEM STATUS	PA_LOOKUPS
	APPROVED	Active
	CLOSED	Closed
	PENDING_CLOSE	Pending Close
	SUBMITTED	Submitted
	UNAPPROVED	Unapproved

### Column Descriptions

Name	Null?	Type	Description
PROJECT_STATUS_CODE (PK)	NOT NULL	VARCHAR2(30)	The project status code
PROJECT_STATUS_NAME	NOT NULL	VARCHAR2(80)	The user-defined project status name
PROJECT_SYSTEM_STATUS_CODE	NOT NULL	VARCHAR2(30)	The corresponding project system status code
DESCRIPTION	NUL	VARCHAR2(255)	The project status Description
START_DATE_ACTIVE	NUL	DATE	The Effective start date of the project status
END_DATE_ACTIVE	NUL	DATE	The Effective end date of the project status
PREDEFINED_FLAG	NOT NULL	VARCHAR2(1)	Indicates that the project status code has been predefined by Oracle Projects
STARTING_STATUS_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether this status can be used as a initial status for a new project
ENABLE_WF_FLAG	NUL	VARCHAR2(1)	Indicates whether workflow needs to be initiated while moving from a different status to this status
WORKFLOW_ITEM_TYPE	NUL	VARCHAR2(30)	Indicates the workflow item type that needs to be used to start the workflow. Applicable only if workflow is enabled
WORKFLOW_PROCESS	NUL	VARCHAR2(30)	Indicates the workflow process that needs to be used to start the workflow. Applicable only if workflow is enabled
WF_SUCCESS_STATUS_CODE	NUL	VARCHAR2(30)	Indicates the project status to use if workflow is successful
WF_FAILURE_STATUS_CODE	NUL	VARCHAR2(30)	Indicates the project status to use if workflow fails
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

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LAST\_UPDATE\_LOGIN

NOT NULL NUMBER(15)

Standard Who Column

*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
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

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
PA_PROJECT_STATUSES_U1	UNIQUE	1	PROJECT_SYSTEM_STATUS_CODE
		2	PROJECT_STATUS_CODE
PA_PROJECT_STATUSES_U2	UNIQUE	1	PROJECT_STATUS_CODE
PA_PROJECT_STATUSES_U3	UNIQUE	2	PROJECT_STATUS_NAME

## PA\_PROJECT\_STATUS\_CONTROLS

PA\_PROJECT\_STATUS\_CONTROLS stores the actions that can be performed for a given project status. Only the actions that are enabled for a project status can be performed on a project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECT_STATUSES	PROJECT_STATUS_CODE	PROJECT_STATUS_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTION_CODE	PROJECT_STATUS_ACTIONS	PA_LOOKUPS
	ADJUST_TXNS	Adjust Transactions
	CAPITALIZE	Capitalize Assets
	GENERATE_INV	Generate Invoice
	GENERATE_REV	Generate Revenue
	NEW_TXNS	Create New Transactions
PROJECT_SYSTEM_STATUS_CODE	STATUS_REPORTING	Include in Status Reports
	PROJECT_SYSTEM STATUS	PA_LOOKUPS
	APPROVED	Active
	CLOSED	Closed
	PENDING_CLOSE	Pending Close
	SUBMITTED	Submitted
	UNAPPROVED	Unapproved

### Column Descriptions

Name	Null?	Type	Description
PROJECT_STATUS_CODE (PK)	NULL	VARCHAR2(30)	The user-defined project status code
PROJECT_SYSTEM_STATUS_CODE (PK)	NULL	VARCHAR2(30)	The project system status code that is predefined by Oracle Projects
ACTION_CODE (PK)	NOT NULL	VARCHAR2(30)	The Action code which identifies the action to be performed
SORT_ORDER	NOT NULL	NUMBER	Indicates the order by which the records need to be displayed
ALLOW_OVERRIDES_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the default enable flag can be overridden. All default values for predefined system
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the actions has been enabled
START_DATE_ACTIVE	NULL	DATE	The Effective start date
END_DATE_ACTIVE	NULL	DATE	The Effective 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
PA_PROJECT_STATUS_CONTROLS_N1	NOT UNIQUE	1	PROJECT_STATUS_CODE
		2	ACTION_CODE
PA_PROJECT_STATUS_CONTROLS_N2	NOT UNIQUE	1	PROJECT_SYSTEM_STATUS_CODE
		2	ACTION_CODE

## PA\_PROJECT\_TYPES\_ALL

PA\_PROJECT\_TYPES\_ALL stores implementation-defined classifications of projects that specify whether a project burdens labor costs and whether the project is contract, capital or indirect (based on PROJECT\_TYPE\_CLASS\_CODE).

Project types are also used during project entry to specify default information such as invoice formats, standard bill rate schedules, and task service types.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_BILLING_CYCLES	BILLING_CYCLE_ID	BILLING_CYCLE_ID
PA_BUDGET_ENTRY_METHODS	BUDGET_ENTRY_METHOD_CODE	REV_BUDGET_ENTRY_METHOD_CODE
PA_BUDGET_ENTRY_METHODS	BUDGET_ENTRY_METHOD_CODE	COST_BUDGET_ENTRY_METHOD_CODE
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	COST_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	REV_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	INV_IND_RATE_SCH_ID
PA_INVOICE_FORMATS	INVOICE_FORMAT_ID	LABOR_INVOICE_FORMAT_ID
PA_INVOICE_FORMATS	INVOICE_FORMAT_ID	NON_LABOR_INVOICE_FORMAT_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	DEFAULT_RESOURCE_LIST_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	COST_BUDGET_RESOURCE_LIST_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	REV_BUDGET_RESOURCE_LIST_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID	LABOR_BILL_RATE_ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	STD_BILL_RATE_SCHEDULE ORG_ID	LABOR_STD_BILL_RATE_SCHDL ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID	NON_LABOR_BILL_RATE_ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	STD_BILL_RATE_SCHEDULE ORG_ID	NON_LABOR_STD_BILL_RATE_SCHDL ORG_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOWABLE_FUNDING_LEVEL_CODE	ALLOWABLE FUNDING LEVEL B P T	PA_LOOKUPS Both Project and Top Task Project Top Task
CAPITAL_COST_TYPE_CODE	CAPITAL COST TYPE B R	PA_LOOKUPS Burdened Raw
CIP_GROUPING_METHOD_CODE	CIP GROUPING METHOD ALL EC ECNLR ET ETNLR	PA_LOOKUPS All Expenditure Category Expenditure Category, Non Labor Resource Expenditure Type Expenditure Type, Non Labor Resource
INTERFACE_ASSET_COST_CODE	INTERFACE ASSET COST F G	PA_LOOKUPS Fixed Assets General Ledger
LABOR_SCH_TYPE	PROJECT SCHEDULE TYPE B	PA_LOOKUPS Bill Rate

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	I	Indirect
NON_LABOR_SCH_TYPE	PROJECT SCHEDULE TYPE	PA_LOOKUPS
	B	Bill Rate
	I	Indirect
PROJECT_TYPE_CLASS_CODE	PROJECT TYPE CLASS	PA_LOOKUPS
	CAPITAL	Capital
	CONTRACT	Contract
	INDIRECT	Indirect
SERVICE_TYPE_CODE	SERVICE TYPE	PA_LOOKUPS
VENDOR_INVOICE_GROUPING_CODE	VENDOR_INVOICE_GROUPING_CODE	PA_LOOKUPS
	G	Include vendor invoices in group without supplier info
	M	Interface as MERGED asset lines with supplier info
	N	Interface as NEW asset lines with supplier info

Column Descriptions

Name	Null?	Type	Description
PROJECT_TYPE (PK)	NOT NULL	VARCHAR2(20)	Implementation-defined name that uniquely identifies the project 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
DIRECT_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether projects of this project type can accrue revenue and generate invoices. For contract project types this is set to Y. For others, this is set to N.
SERVICE_TYPE_CODE	NOT NULL	VARCHAR2(30)	The service type that defaults the task service type of projects with this project type
BURDEN_COST_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether costs are burdened for projects of this project type
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the project type
LABOR_INVOICE_FORMAT_ID	NULL	NUMBER(15)	The identifier of the labor invoice format that defaults to contract projects with this project type
NON_LABOR_INVOICE_FORMAT_ID	NULL	NUMBER(15)	The identifier of the non-labor invoice format that defaults to contract projects with this project type
LABOR_BILL_RATE_ORG_ID	NULL	NUMBER(15)	The identifier of the organization that owns the labor standard bill rate schedule
LABOR_STD_BILL_RATE_SCHDL	NULL	VARCHAR2(20)	The labor standard bill rate schedule that defaults to contract projects with this project type

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Column Descriptions (Continued)

Name	Null?	Type	Description
NON_LABOR_BILL_RATE_ORG_ID	NULL	NUMBER(15)	The identifier of the organization that owns the non-labor standard bill rate schedule
NON_LABOR_STD_BILL_RATE_SCHDL	NULL	VARCHAR2(30)	The non-labor standard bill rate schedule that defaults to contract projects with this project type
END_DATE_ACTIVE	NULL	DATE	Last effective date of the project type
DESCRIPTION	NULL	VARCHAR2(250)	Description of the project type
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
LABOR_SCH_TYPE	NULL	VARCHAR2(1)	The schedule type of labor expenditure items
NON_LABOR_SCH_TYPE	NULL	VARCHAR2(1)	The schedule type of non-labor expenditure items
COST_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default costing burden schedule
REV_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default revenue burden schedule
INV_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default invoice burden schedule
COST_SCH_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicates if users can override the standard costing burden schedule that is defaulted from project type
REV_BUDGET_ENTRY_METHOD_CODE	NULL	VARCHAR2(30)	Default entry method used for revenue budgets
REV_BUDGET_RESOURCE_LIST_ID	NULL	NUMBER	Default resource list used for revenue budgets
ALLOW_REV_BUDGET_ENTRY_FLAG	NULL	VARCHAR2(1)	Indicates whether to allow entry of revenue budgets
COST_BUDGET_ENTRY_METHOD_CODE	NULL	VARCHAR2(30)	Default entry method used for cost budgets
COST_BUDGET_RESOURCE_LIST_ID	NULL	NUMBER	Default resource list used for cost budgets
ALLOW_COST_BUDGET_ENTRY_FLAG	NULL	VARCHAR2(1)	Indicates whether to allow entry of cost budgets
DEFAULT_RESOURCE_LIST_ID	NOT NULL	NUMBER	Default resource list for project summarization
ALLOWABLE_FUNDING_LEVEL_CODE	NULL	VARCHAR2(30)	Option to control level of funding based on project type. Used in Enter Agreements and Funding
PROJECT_TYPE_CLASS_CODE	NULL	VARCHAR2(30)	Indicates the class of project type
INTERFACE_COMPLETE_ASSET_FLAG	NULL	VARCHAR2(1)	Specifies whether to interface asset lines even if the asset definition is not complete

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Column Descriptions (Continued)

Name	Null?	Type	Description
CIP_GROUPING_METHOD_CODE	NULL	VARCHAR2(30)	Specifies how to group costs for a capital project
CAPITAL_COST_TYPE_CODE	NULL	VARCHAR2(1)	Specifies whether to capitalize raw or burdened costs for a capital project
INTERFACE_ASSET_COST_CODE	NULL	VARCHAR2(1)	Specifies whether to interface capital costs to GL or FA. Currently always set to FA.
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
BURDEN_AMT_DISPLAY_METHOD	NULL	VARCHAR2(1)	Flag indicates to display Burden amount on same transaction or display it as a separate transaction
BURDEN_ACCOUNT_FLAG	NULL	VARCHAR2(1)	Flag indicates whether to account burden amount on separate project and task
BURDEN_SUM_DEST_PROJECT_ID	NULL	NUMBER(15)	Task Id for storing burden amount, if displayed on separate task
BURDEN_SUM_DEST_TASK_ID	NULL	NUMBER(15)	If burden_account_flag=Y,Task_id, for creating summarized burden items on separate project/task
ENABLE_BUDGET_WF_FLAG	NULL	VARCHAR2(1)	This column indicates if a budget approval workflow can be enabled for this project type.
ENABLE_PROJECT_WF_FLAG	NULL	VARCHAR2(1)	This column indicates if a budget approval workflow can be enabled for this project type.
BILLING_OFFSET	NULL	NUMBER(15)	The default number of days after the project start date when the first invoice is created for the project.
BILLING_CYCLE_ID	NULL	NUMBER(15)	The default identifier of the billing cycle applicable to the projects.
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.
DEF_START_PROJ_STATUS_CODE	NOT NULL	VARCHAR2(30)	Indicates the default starting project status for this project type
VENDOR_INVOICE_GROUPING_CODE	NOT NULL	VARCHAR2(1)	Flag that indicates group/ungroup supplier invoices and interface supplier invoices as NEW or MERGED mass additions
OVERRIDE_ASSET_ASSIGNMENT_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the customer wants to override the asset assignment through the use of client extension

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CC_PRVDR_FLAG	NULL VARCHAR2(1)	Flag that indicates that the project type (of project type class of CONTRACT) is defined for provider projects that bill intercompany invoices. For such project types, this flag is set to Y. For all others, it is set to N.
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#### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_TYPES_N1	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_PROJECT_TYPES_U1	UNIQUE	1	PROJECT_TYPE
		3	ORG_ID

#### Database Triggers

Trigger Name : PA\_ADW\_PROJECT\_TYPES\_T1  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to DESCRIPTION column

# PA\_PROJ\_ADJUSTMENTS\_VIEW

PA\_PROJ\_ADJUSTMENTS\_VIEW is a view of the expenditure item adjustments for a project. This information includes details of the adjusted expenditure item, the date and action of the adjustment, and the person who performed the adjustment.

### View Definition

```
CREATE VIEW PA_PROJ_ADJUSTMENTS_VIEW
as SELECT
    exp.project_id,
    exp.project_num,
    exp.project_name,
    exp.expenditure_item_id,
    exp.incurred_by_employee_name,
    exp.incurred_by_employee_num,
    exp.incurred_by_person_id,
    exp.vendor_id,
    exp.vendor_num,
    exp.vendor_name,
    exp.employee_vendor_name,
    exp.employee_vendor_num,
    exp.incurred_by_organization_id,
    exp.incurred_by_organization_name,
    exp.expenditure_type,
    exp.task_id,
    exp.task_number,
    exp.task_name,
    exp.expenditure_item_date,
    exp.non_labor_resource,
    to_char(eia.activity_date,'DD-MON-RR hh:mi:ss'),
    eia.exception_activity_code,
    fnd.user_name,
    eia.created_by,
    per.person_id,
    per.full_name
FROM PA_PROJ_EXPEND_VIEW EXP
    , PA_EXPEND_ITEM_ADJ_ACTIVITIES EIA
    , PER_PEOPLE_F PER
    , FND_USER FND

AND    eia.created_by = fnd.user_id
AND    fnd.employee_id = per.person_id
AND    trunc(sysdate) between per.effective_start_date
                                and per.effective_end_date
AND    per.employee_number is not null
```

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_USER	USER_ID	ADJUSTED_BY_USER_ID
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_NON_LABOR_RESOURCES	NON_LABOR_RESOURCE	NON_LABOR_RESOURCE

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Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	INCURRED_BY_PERSON_ID
PER_ALL_PEOPLE_F	PERSON_ID	ADJUSTED_BY_PERSON_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project to which the adjusted expenditure item is charged
PROJECT_NUM	NOT NULL	VARCHAR2(25)	Number of the project incurring the adjusted expenditure item
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Name of the project incurring the adjusted expenditure item
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure item for which the adjustment was made
INCURRED_BY_EMPLOYEE_NAME	NULL	VARCHAR2(80)	Name of the employee incurring the adjusted expenditure item
INCURRED_BY_EMPLOYEE_NUM	NULL	VARCHAR2(30)	Number of the employee incurring the adjusted expenditure item
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	Identifier of the employee who incurred the charges. This column is always populated for labor and expense charges and is not populated for vendor invoices. For usage charges, this column has a value if an employee was specified
VENDOR_ID	NULL	NUMBER(15)	Identifier of the vendor for a vendor invoice item
VENDOR_NUM	NULL	VARCHAR2(30)	Number of the vendor
VENDOR_NAME	NULL	VARCHAR2(80)	Name of the vendor
EMPLOYEE_VENDOR_NAME	NULL	VARCHAR2(80)	Name of an employee or vendor. This value is the vendor for vendor invoices, and the employee name for labor, expense report, and usage items
EMPLOYEE_VENDOR_NUM	NULL	VARCHAR2(30)	Number of an employee or vendor. This value is the vendor number of vendor items and the employee number for labor, expense report, and usage items
INCURRED_BY_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization incurring the expenditure item
INCURRED_BY_ORGANIZATION_NAME	NULL	VARCHAR2(30)	Name of the organization incurring the expenditure item
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the expenditure item
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the task incurring the adjusted expenditure item
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Number of the task incurring the adjusted expenditure item
TASK_NAME	NOT NULL	VARCHAR2(20)	Name of the task incurring the adjusted expenditure item

EXPENDITURE\_ITEM\_DATE

NOT NULL DATE

Expenditure item date

*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	Non-labor resource utilized as work was performed. This column is only populated for usage items
ADJUSTMENT_DATE	NOT NULL	DATE	Date on which the expenditure item was adjusted. This column also reports the time of day that the adjustment was made
ADJUSTMENT_ACTIVITY	NOT NULL	VARCHAR2(30)	Type of adjustment performed on an expenditure item
ADJUSTED_BY_USER	NOT NULL	VARCHAR2(30)	User name of the person who made the adjustment
ADJUSTED_BY_USER_ID	NOT NULL	NUMBER(15)	Identifier of the user name of the person who made the adjustment
ADJUSTED_BY_PERSON_ID	NOT NULL	NUMBER(9)	Identifier of the employee who performed the adjustment
ADJUSTED_BY_NAME	NULL	VARCHAR2(50)	Full name of the employee who performed the adjustment

## PA\_PROJ\_APPR\_PO\_DISTRIBUTIONS

PA\_PROJ\_APPR\_PO\_DISTRIBUTIONS shows all approved and uninvoiced project related purchase order distributions.

### View Definition

```
CREATE VIEW PA_PROJ_APPR_PO_DISTRIBUTIONS
as SELECT
    POD.PO_NUMBER , POD.PO_REVISION , POD.RELEASE_NUMBER , POD.RELEASE_REVISION ,
    POD.DOCUMENT_TYPE , POD.CREATION_DATE , POD.APPROVED_DATE , POD.PRINTED_DATE ,
    POD.REQUESTOR_PERSON_ID , POD.REQUESTOR_NAME , POD.BUYER_PERSON_ID , POD.BUYER_NAME ,
    POD.VENDOR_NAME , POD.VENDOR_ID , POD.PO_LINE , POD.ITEM_DESCRIPTION , POD.UNIT ,
    POD.UNIT_PRICE , POD.QUANTITY_ORDERED , POD.AMOUNT_ORDERED , POD.ORIGINAL_QUANTITY_ORDERED ,
    POD.ORIGINAL_AMOUNT_ORDERED , POD.QUANTITY_CANCELLED , POD.AMOUNT_CANCELLED ,
    POD.QUANTITY_DELIVERED , POD.AMOUNT_DELIVERED , POD.QUANTITY_INVOICED , POD.AMOUNT_INVOICED ,
    POD.QUANTITY_OUTSTANDING_DELIVERY , POD.AMOUNT_OUTSTANDING_DELIVERY ,
    POD.QUANTITY_OUTSTANDING_INVOICE , POD.DENOM_CURRENCY_CODE ,
    POD.DENOM_AMT_OUTSTANDING_INVOICE , POD.ACCT_CURRENCY_CODE , POD.AMOUNT_OUTSTANDING_INVOICE ,
    POD.ACCT_RATE_DATE , POD.ACCT_RATE_TYPE , POD.ACCT_EXCHANGE_RATE , POD.QUANTITY_OVERBILLED ,
    POD.AMOUNT_OVERBILLED , POD.PROJECT_NUMBER , POD.PROJECT_NAME , POD.TASK_NUMBER ,
    POD.TASK_NAME , POD.EXPENDITURE_TYPE , POD.EXPENDITURE_CATEGORY , POD.REVENUE_CATEGORY ,
    POD.EXPENDITURE_ITEM_DATE , POD.EXPENDITURE_ORGANIZATION , POD.PO_HEADER_ID ,
    POD.PO_RELEASE_ID , POD.PO_LINE_ID , POD.PO_LINE_LOCATION_ID , POD.PO_DISTRIBUTION_ID ,
    POD.PROJECT_ID , POD.TASK_ID , POD.EXPENDITURE_ORGANIZATION_ID FROM PA_PROJ_PO_DISTRIBUTIONS
    POD
    Where POD.EVER_APPROVED_FLAG = 'Y'
```

### Column Descriptions

Name	Null?	Type	Description
PO_NUMBER	NOT NULL	VARCHAR2(20)	Refer to base table.
PO_REVISION		NUMBER	Refer to base table.
RELEASE_NUMBER		NUMBER	Refer to base table.
RELEASE_REVISION		NUMBER	Refer to base table.
DOCUMENT_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
CREATION_DATE		DATE	Standard Who Column
APPROVED_DATE		DATE	Refer to base table.
PRINTED_DATE		DATE	Refer to base table.
REQUESTOR_PERSON_ID		NUMBER(10)	Refer to base table.
REQUESTOR_NAME		VARCHAR2(240)	Refer to base table.
BUYER_PERSON_ID	NOT NULL	NUMBER(10)	Refer to base table.
BUYER_NAME		VARCHAR2(240)	Refer to base table.
VENDOR_NAME		VARCHAR2(80)	Refer to base table.
VENDOR_ID		NUMBER	Refer to base table.
PO_LINE	NOT NULL	NUMBER	Refer to base table.
ITEM_DESCRIPTION		VARCHAR2(240)	Refer to base table.
UNIT		VARCHAR2(25)	Refer to base table.
UNIT_PRICE		NUMBER	Refer to base table.
QUANTITY_ORDERED		NUMBER	Refer to base table.
AMOUNT_ORDERED		NUMBER	Refer to base table.
ORIGINAL_QUANTITY_ORDERED	NOT NULL	NUMBER	Refer to base table.
ORIGINAL_AMOUNT_ORDERED		NUMBER	Refer to base table.
QUANTITY_CANCELLED		NUMBER	Refer to base table.
AMOUNT_CANCELLED		NUMBER	Refer to base table.

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QUANTITY_DELIVERED	NULL	NUMBER	Refer to base table.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
AMOUNT_DELIVERED	NULL	NUMBER	Refer to base table.
QUANTITY_INVOICED	NULL	NUMBER	Refer to base table.
AMOUNT_INVOICED	NULL	NUMBER	Refer to base table.
QUANTITY_OUTSTANDING_DELIVERY	NULL	NUMBER	Refer to base table.
AMOUNT_OUTSTANDING_DELIVERY	NULL	NUMBER	Refer to base table.
QUANTITY_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
DENOM_AMT_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
AMOUNT_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
ACCT_RATE_DATE	NULL	DATE	Refer to base table.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
ACCT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
QUANTITY_OVERBILLED	NULL	NUMBER	Refer to base table.
AMOUNT_OVERBILLED	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Refer to base table.
PO_HEADER_ID	NOT NULL	NUMBER	Refer to base table.
PO_RELEASE_ID	NULL	NUMBER	Refer to base table.
PO_LINE_ID	NOT NULL	NUMBER	Refer to base table.
PO_LINE_LOCATION_ID	NOT NULL	NUMBER	Refer to base table.
PO_DISTRIBUTION_ID	NOT NULL	NUMBER	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.

## PA\_PROJ\_APPR\_REQ\_DISTRIBUTIONS

PA\_PROJ\_APPR\_REQ\_DISTRIBUTIONS shows all approved and unpurchased project related requisition distributions.

### View Definition

```
CREATE VIEW PA_PROJ_APPR_REQ_DISTRIBUTIONS
as SELECT
    PRD.REQ_NUMBER , PRD.DOCUMENT_TYPE , PRD.REQ_LINE , PRD.ITEM_DESCRIPTION ,
    PRD.NEED_BY_DATE , PRD.CREATION_DATE , PRD.VENDOR_NAME , PRD.VENDOR_ID ,
    PRD.REQUESTOR_PERSON_ID , PRD.REQUESTOR_NAME , PRD.UNIT , PRD.UNIT_PRICE , PRD.QUANTITY ,
    PRD.DENOM_CURRENCY_CODE , PRD.DENOM_AMOUNT , PRD.ACCT_CURRENCY_CODE , PRD.AMOUNT ,
    PRD.ACCT_RATE_DATE , PRD.ACCT_RATE_TYPE , PRD.ACCT_EXCHANGE_RATE , PRD.PROJECT_NUMBER ,
    PRD.PROJECT_NAME , PRD.TASK_NUMBER , PRD.TASK_NAME , PRD.EXPENDITURE_TYPE ,
    PRD.EXPENDITURE_CATEGORY , PRD.REVENUE_CATEGORY , PRD.EXPENDITURE_ITEM_DATE ,
    PRD.EXPENDITURE_ORGANIZATION , PRD.REQUISITION_HEADER_ID , PRD.REQUISITION_LINE_ID ,
    PRD.REQ_DISTRIBUTION_ID , PRD.PROJECT_ID , PRD.TASK_ID , PRD.EXPENDITURE_ORGANIZATION_ID FROM
PA_PROJ_REQ_DISTRIBUTIONS PRD
    Where PRD.APPROVED_FLAG = 'Y'
```

### Column Descriptions

Name	Null?	Type	Description
REQ_NUMBER	NOT NULL	VARCHAR2(20)	Refer to base table.
DOCUMENT_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
REQ_LINE	NOT NULL	NUMBER	Refer to base table.
ITEM_DESCRIPTION	NOT NULL	VARCHAR2(240)	Refer to base table.
NEED_BY_DATE	NULL	DATE	Refer to base table.
CREATION_DATE	NULL	DATE	Standard Who Column
VENDOR_NAME	NULL	VARCHAR2(80)	Refer to base table.
VENDOR_ID	NULL	NUMBER	Refer to base table.
REQUESTOR_PERSON_ID	NOT NULL	NUMBER(10)	Refer to base table.
REQUESTOR_NAME	NULL	VARCHAR2(240)	Refer to base table.
UNIT	NULL	VARCHAR2(25)	Refer to base table.
UNIT_PRICE	NULL	NUMBER	Refer to base table.
QUANTITY	NOT NULL	NUMBER	Refer to base table.
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
DENOM_AMOUNT	NULL	NUMBER	Refer to base table.
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.
ACCT_RATE_DATE	NULL	DATE	Refer to base table.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
ACCT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Refer to base table.
REQUISITION_HEADER_ID	NOT NULL	NUMBER	Refer to base table.
REQUISITION_LINE_ID	NOT NULL	NUMBER	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
REQ_DISTRIBUTION_ID	NOT NULL	NUMBER	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.



---

## PA\_PROJ\_AP\_INV\_DISTRIBUTIONS

PA\_PROJ\_AP\_INV\_DISTRIBUTIONS is a view of project-related Oracle Payables invoice distributions not yet transferred to Oracle Projects.

These invoice distributions include those matched to purchase order distributions, and those that are on approved invoices.

The invoice distributions may not be in Oracle Projects because they are not yet posted, which is required before the invoice distribution can be transferred to Oracle Projects, or the Transfer Supplier Invoices program has not been run for the distributions.

You can use this view to report the details of the Pending Invoices amount of the project committed costs in the PA\_PROJ\_COMMITMENT\_STATUS view. Pending invoice costs are considered part of project committed costs since the costs are not yet reflected in Oracle Projects actual project costs.

### View Definition

```
CREATE VIEW PA_PROJ_AP_INV_DISTRIBUTIONS
as SELECT
    i.invoice_num
    ,v.vendor_name
    ,i.invoice_date
    ,d.distribution_line_number
    ,d.description
    ,d.accounting_date
    ,decode(d.posted_flag, 'Y', 'Y', 'N')
    ,DECODE(AP_INVOICES_PKG.GET_APPROVAL_STATUS(I.INVOICE_ID,
        I.INVOICE_AMOUNT, I.PAYMENT_STATUS_FLAG,
        I.INVOICE_TYPE_LOOKUP_CODE), 'APPROVED', 'Y', 'N')
        APPROVED_FLAG
    ,d.pa_quantity
    ,i.invoice_currency_code
    ,d.amount
    ,g.currency_code
    ,nvl(d.base_amount,d.amount)

    ,decode(NVL(g.currency_code, '-99'), NVL(i.invoice_currency_code, '-99'), TO_DATE(NULL), d.exchange_date)

    ,decode(NVL(g.currency_code, '-99'), NVL(i.invoice_currency_code, '-99'), NULL, d.exchange_rate_type)

    ,decode(NVL(g.currency_code, '-99'), NVL(i.invoice_currency_code, '-99'), TO_NUMBER(NULL), d.exchange_rate)
    ,d.receipt_currency_code
    ,d.receipt_currency_amount
    ,d.receipt_conversion_rate
    ,p.segment1
    ,p.name
```

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```

,t.task_number
,t.task_name
,d.expenditure_type
,et.expenditure_category
,et.revenue_category_code
,d.expenditure_item_date
,o.name
,i.invoice_id
,i.vendor_id
,p.project_id
,t.task_id
,o.organization_id
FROM
gl_sets_of_books g,
ap_invoices_all i,
po_vendors v,
hr_organization_units o,
pa_expend_typ_sys_links es,
pa_expenditure_types et ,
pa_tasks t,
po_distributions po,
ap_invoice_distributions_all d,
pa_projects p
Where i.vendor_id = v.vendor_id
AND i.invoice_id = d.invoice_id
AND
decode(d.pa_addition_flag,'Z','Y','T','Y','E','Y',null,'N',d.pa_addition_flag)
!= 'Y'
AND ( es.system_linkage_function = 'VI' OR
( es.system_linkage_function = 'ER' AND
v.employee_id IS NOT NULL ))
AND d.po_distribution_id = po.po_distribution_id (+)
AND nvl(po.destination_type_code, 'EXPENSE') = 'EXPENSE'
AND d.project_id = p.project_id
AND d.task_id = t.task_id
AND d.expenditure_organization_id = o.organization_id
AND d.expenditure_type = es.expenditure_type
AND et.expenditure_type = es.expenditure_type
AND g.set_of_books_id = d.set_of_books_id

```

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_INVOICES_ALL	INVOICE_ID	INVOICE_ID
AP_INVOICE_DISTRIBUTIONS_ALL	INVOICE_ID DISTRIBUTION_LINE_NUMBER	INVOICE_ID DISTRIBUTION_LINE_NUMBER
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID

#### Column Descriptions

Name	Null?	Type	Description
INVOICE_NUMBER	NOT NULL	VARCHAR2(50)	Invoice number
VENDOR_NAME	NOT NULL	VARCHAR2(80)	Supplier name
INVOICE_DATE	NULL	DATE	Invoice date

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DISTRIBUTION_LINE_NUMBER	NOT NULL	NUMBER(15)	Distribution line number
--------------------------	----------	------------	--------------------------

Column Descriptions (Continued)

Name	Null?	Type	Description
DESCRIPTION	NULL	VARCHAR2(240)	Description of the invoice distribution
GL_DATE	NOT NULL	DATE	The GL date on which the costs are posted, which is entered during invoice entry
POSTED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if invoice distribution has been posted to Oracle General Ledger
APPROVED_FLAG	NULL	VARCHAR2(1)	Indicates if the invoice is approved
QUANTITY	NULL	NUMBER	Quantity of units as defined by the expenditure type, which is entered for the project-related distribution
DENOM_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Transaction Currency Code of the Invoice
DENOM_AMOUNT	NULL	NUMBER	Invoice amount entered in transaction currency
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Functional currency code.
AMOUNT	NULL	NUMBER	Invoice amount in functional currency for project-related invoice distribution
ACCT_RATE_DATE	NULL	DATE	Conversion date used to convert invoice amount from transaction currency to functional currency.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion type used to convert invoice amount from transaction currency to functional currency. e.g. Spot, Corporate
ACCT_EXCHANGE_RATE	NULL	NUMBER	Conversion rate used to convert invoice amount from transaction currency to functional currency.
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	Refer to base table.
RECEIPT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Project number incurring the charge
PROJECT_NAME	NULL	VARCHAR2(30)	Name of the project incurring the charge
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Number of the lowest level task incurring the charge
TASK_NAME	NULL	VARCHAR2(20)	Name of the lowest level task incurring the charge
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type charged
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	The expenditure category of the expenditure type
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	The revenue category of the expenditure type
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	The expenditure item date on which you incur the invoice costs
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(30)	The expenditure organization incurring the charge
INVOICE_ID	NOT NULL	NUMBER(15)	The identifier of the invoice
VENDOR_ID	NOT NULL	NUMBER(15)	The identifier of the vendor
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project

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TASK_ID	NOT NULL	NUMBER(15)	The identifier of the lowest level task
<i>Column Descriptions (Continued)</i>			
<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the expenditure organization

## PA\_PROJ\_BILLING\_DETAIL\_VIEW

PA\_PROJ\_BILLING\_DETAIL\_VIEW is a base view used to report the billing status of projects. A base view is a view on which other views are built. We recommend that you do not use base views for reporting and online query. Instead, you can more easily use the views which are built upon the base views.

You can use the PA\_PROJ\_BILLING\_STATUS\_VIEW view which is built upon this view, to report the billing status of projects.

### View Definition

```
CREATE VIEW PA_PROJ_BILLING_DETAIL_VIEW
as SELECT

decode(substr(p.distribution_rule,instr(p.distribution_rule,'/')+1,length(p.distribution_rule
)), 'EVENT', 'EVENT', 'WORK')
, p.project_id
, p.segment1
, p.name
, to_char(pdi.draft_invoice_num)
, to_char(pdi.invoice_date)
, to_char(pdi.bill_through_date)
, round(to_number(trunc(sysdate) -
    nvl(pdi.invoice_date,nvl(p.start_date,p.creation_date)))
, to_char(PA_Billing_Cycles_Pkg.Get_Next_Billing_Date( p.project_id,
    nvl(p.start_date,p.creation_date), p.billing_cycle_id,
    p.billing_offset, NULL,
    nvl(pdi.bill_through_date,pdi.creation_date)))
, 0
, 0
, 0
, 0
from
    pa_project_types_all pt,
    pa_draft_invoices pdi,
    pa_projects_all p
Where pa_project_utils.Check_prj_stus_action_allowed
    (p.project_status_code,
    'GENERATE_INV') = 'Y'
and    p.project_type = pt.project_type
and    pt.direct_flag = 'Y'
and    pdi.project_id = p.project_id
and    pdi.draft_invoice_Num =
    PA_Billing_Cycles_Pkg.Get_Last_Released_Invoice_Num( p.project_id )
and    PA_Billing_Cycles_Pkg.Get_Last_Released_Invoice_Num(p.project_id)
    IS NOT NULL
and    (p.org_id is null or p.org_id = pt.org_id)
UNION ALL
select
decode(substr(p.distribution_rule,instr(p.distribution_rule,'/')+1,length(p.distribution_rule
)), 'EVENT', 'EVENT', 'WORK')
, p.project_id
, p.segment1
```

```

, p.name
, null
, null
, null
, round(to_number(trunc(sysdate)-
    nvl(p.start_date,p.creation_date)))
, to_char(PA_Billing_Cycles_Pkg.Get_Next_Billing_Date( p.project_id,
    nvl(p.start_date,p.creation_date), p.billing_cycle_id,
    p.billing_offset, NULL, NULL ))
, 0
, 0
, 0
, 0
from
pa_projects_all p,
pa_project_types_all pt
WHERE pa_project_utils.Check_prj_stus_action_allowed
    (p.project_status_code,
    'GENERATE_INV') = 'Y'
and    p.project_type = pt.project_type
and    pt.direct_flag = 'Y'
and PA_Billing_Cycles_Pkg.Get_Last_Released_Invoice_Num(p.project_id)
    IS NULL
and    (p.org_id is null or p.org_id = pt.org_id)
UNION ALL
select

decode(substr(p.distribution_rule,instr(p.distribution_rule,'/')+1,length(p.distribution_rule
)), 'EVENT', 'EVENT', 'WORK'),
    p.project_id,
    p.segment1,
    p.name,
    null,
    null,
    null,
    0,
    null,

min(decode(substr(p.distribution_rule,instr(p.distribution_rule,'/')+1,length(p.distribution_
rule)), 'EVENT', e.bill_amount, 0)),

    0,
    0,
    0
from
pa_projects p,
pa_events e
where    p.project_id = e.project_id
and e.completion_date is not null
and e.bill_amount != 0
and    e.completion_date =
    (select min(e2.completion_date)
    from pa_events e2, pa_tasks t2
    where e2.task_id = t2.task_id
    and t2.project_id = p.project_id
    and e2.completion_date is not null
    and e2.bill_amount != 0)

```

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```

AND      not exists
        (select 'x'
         from pa_draft_invoice_items pdii
         WHERE pdii.project_id = e.project_id
         and   nvl(e.task_id, 0) = nvl(pdii.event_task_id, 0)
         and   e.event_num = pdii.event_num)

group by
decode(substr(p.distribution_rule,instr(p.distribution_rule,'/')+1,length(p.distribution_rule
)), 'EVENT', 'EVENT', 'WORK'),
      p.project_id, p.segment1, p.name
UNION ALL
select
      null,
      pdi.project_id,
      null,
      null,
      null,
      null,
      null,
      0,
      null,
      0,
      decode(pdi.released_date, '', sum(pdii.amount), 0),
      0,
      decode(pdi.released_date, '', 0, sum(pdii.amount))
from
      pa_draft_invoices pdi,
      pa_draft_invoice_items pdii
where
      pdi.project_id = pdii.project_id
      and pdi.draft_invoice_num = pdii.draft_invoice_num
Group by
      pdi.project_id,
      pdi.released_date
UNION ALL
select
      null,
      pdr.project_id,
      null,
      null,
      null,
      null,
      null,
      0,
      null,
      0,
      0,
      sum(pdri.amount) revenue,
      0
FROM
      pa_draft_revenues pdr,
      pa_draft_revenue_items pdri
where pdr.project_id = pdri.project_id
      and pdr.draft_revenue_num = pdri.draft_revenue_num
Group by
      pdr.project_id

```

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

## Column Descriptions

Name	Null?	Type	Description
BILLING_METHOD	NOT NULL	VARCHAR2(20)	The billing method of the project: the value is either EVENT or WORK
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Number of the project
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Name of the project
LAST_RELEASED_INVOICE_NUM	NULL	NUMBER(15)	Draft invoice number of the last released invoice that is not a crediting invoice. This column is blank if the project has never been invoiced
LAST_RELEASED_INVOICE_DATE	NULL	DATE	Invoice date of the last released invoice that is not a crediting invoice. This column is blank if the project has never been invoiced
LAST_RELEASED_BILL_THRU_DATE	NULL	DATE	Bill through date of the last released invoice that is not a crediting invoice. This column is blank if the project has never been invoiced
DAYS_SINCE_LAST_RELEASE	NULL	NUMBER(15)	Number of days since the last released invoice's invoice date. This column is blank if the project has never been invoiced
NEXT_BILLING_DATE	NULL	DATE	Next billing date based on the billing cycle and bill offset for projects using WORK billing
NEXT_EVENT_AMOUNT	NULL	NUMBER	Amount of the next billing event for projects using EVENT billing
PENDING_INVOICE_AMOUNT	NULL	NUMBER	Total unreleased invoice amount for the project
REVENUE_AMOUNT	NULL	NUMBER	Total project revenue amount (regardless of revenue status)
INVOICE_AMOUNT	NULL	NUMBER	Total released invoice amount for the project



# PA\_PROJ\_BILLING\_STATUS\_VIEW

PA\_PROJ\_BILLING\_STATUS\_VIEW reports the billing status of projects. This view displays the project billing status as reported in the MGT: Project Billing Status report.

This view displays the billing information about the last released invoice for each project, the next billing date, and the pending revenue and invoice amounts.

You can use this view to determine which projects should be invoiced.

View Definition

```
CREATE VIEW PA_PROJ_BILLING_STATUS_VIEW
as SELECT
    max(billing_method),
    project_id,
    max(project_number),
    max(project_name),
    max(last_released_invoice_num),
    max(last_released_invoice_date),
    max(last_released_bill_thru_date),
    sum(nvl(days_since_last_release,0)),
    max(next_billing_date),
    sum(nvl(next_event_amount,0)),
    sum(pending_invoice_amount),
    sum(revenue_amount),
    sum(invoice_amount),
    sum(revenue_amount) - sum(invoice_amount)
FROM PA_PROJ_BILLING_DETAIL_VIEW
group by project_id
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

Column Descriptions

Name	Null?	Type	Description
BILLING_METHOD	NOT NULL	VARCHAR2(20)	The billing method of the project: the value is either EVENT or WORK
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Number of the project
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Name of the project
LAST_RELEASED_INVOICE_NUM	NULL	NUMBER(15)	Draft invoice number of the last released invoice that is not a crediting invoice. This column is blank if the project has never been invoiced

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_RELEASED_INVOICE_DATE	NULL	DATE	Invoice date of the last released invoice that is not a crediting invoice. This column is blank if the project has never been invoiced
LAST_RELEASED_BILL_THRU_DATE	NULL	DATE	Bill through date of the last released invoice that is not a crediting invoice. This column is blank if the project has never been invoiced
DAYS_SINCE_LAST_RELEASE	NULL	NUMBER(15)	Number of days since the last released invoice's invoice date. This column is blank if the project has never been invoiced
NEXT_BILLING_DATE	NULL	DATE	Next billing date based on the billing cycle and bill offset for projects using WORK billing
NEXT_EVENT_AMOUNT	NULL	NUMBER	Amount of the next billing event for projects using EVENT billing
PENDING_INVOICE_AMOUNT	NULL	NUMBER	Total unreleased invoice amount for the project
REVENUE_AMOUNT	NULL	NUMBER	Total project revenue amount (regardless of revenue status)
INVOICE_AMOUNT	NULL	NUMBER	Total released invoice amount for the project
UNBILLED_RECEIVABLE_AMOUNT	NULL	NUMBER	Project unbilled receivables defined as (total project revenue amount - total released invoice amount)

# PA\_PROJ\_CCREV\_COST\_V

PA\_PROJ\_CCREV\_COST\_V summarizes the burdened cost for use in cost-to-cost revenue calculation.

View Definition

```
CREATE VIEW PA_PROJ_CCREV_COST_V
as SELECT
    ta.project_id PROJECT_ID,
    t.top_task_id TASK_ID,
    nvl(ta.tot_burdened_cost, nvl(ta.tot_raw_cost,0)) +
    nvl(ta.i_tot_burdened_cost, nvl(i_tot_raw_cost,0))
        BURDENED_COST,
    pp.start_date pa_start_date,
    pp.end_date pa_end_date
FROM
    pa_txn_accum ta,
    pa_tasks t,
    pa_periods pp
WHERE ta.task_id = t.task_id
    AND pp.period_name = ta.pa_period
    UNION ALL
    SELECT
        t.project_id PROJECT_ID,
        t.top_task_id TASK_ID,
        nvl(cdl.burdened_cost, nvl(cdl.amount,0)) BURDENED_COST,
        pp.start_date pa_start_date,
        pp.end_date pa_end_date
    FROM
        pa_cost_distribution_lines_all cdl,
        pa_expenditure_items_all ei,
        pa_tasks t,
        pa_periods pp
    WHERE
        ei.task_id = t.task_id
    AND
        cdl.expenditure_item_id = ei.expenditure_item_id
    AND
        cdl.pa_date between pp.start_date and pp.end_date
    AND
        (cdl.resource_accumulated_flag is NULL
            OR cdl.resource_accumulated_flag = 'N')
    AND
        cdl.line_type = 'R'
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project.
TASK_ID	NULL	NUMBER(15)	Identifier of the task.
BURDENED_COST	NULL	NUMBER(22,5)	Burdened cost.
PA_START_DATE	NOT NULL	DATE	Date range effective from.
PA_END_DATE	NULL	DATE	Date range effective until.

# PA\_PROJ\_COMMITMENT\_BASE\_VIEW

Base view of the project commitment reporting view  
PA\_PROJ\_COMMITMENT\_STATUS.

### View Definition

```
CREATE VIEW PA_PROJ_COMMITMENT_BASE_VIEW
as SELECT
    r.project_number ,r.project_name ,r.project_id ,r.task_number ,r.task_name ,r.amount ,0
,0 ,0 ,0 FROM pa_proj_appr_req_distributions r UNION ALL SELECT p.project_number
,p.project_name ,p.project_id ,p.task_number ,p.task_name ,0 ,p.amount_ordered
,p.amount_delivered ,p.amount_outstanding_invoice ,0 FROM pa_proj_appr_po_distributions p
UNION ALL SELECT p.segment1 ,p.name ,p.project_id ,null ,null ,0 ,0 ,0 ,0 FROM pa_projects
p UNION ALL SELECT i.project_number ,i.project_name ,i.project_id ,i.task_number ,i.task_name
,0 ,0 ,0 ,0 ,i.amount FROM PA_PROJ_AP_INV_DISTRIBUTIONS I
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_NUMBER	NULL	VARCHAR2(25)	Number of the project charged
PROJECT_NAME	NULL	VARCHAR2(30)	Name of the project charged
PROJECT_ID	NULL	NUMBER(15)	Identifier of the project charged
TASK_NUMBER	NULL	VARCHAR2(25)	Number of the lowest level task charged
TASK_NAME	NULL	VARCHAR2(20)	Name of the lowest level task charged
REQ_AMOUNT_OPEN	NULL	NUMBER	Open requisition amount, defined as approved, unpurchased requisitions
PO_AMOUNT_ORDERED	NULL	NUMBER	PO amount ordered, defined as the amount originally ordered - amount cancelled
PO_AMOUNT_DELIVERED	NULL	NUMBER	PO amount delivered
PO_AMOUNT_OPEN	NULL	NUMBER	PO amount open defined as the approved, uninvoiced PO amount
AP_AMOUNT_PENDING	NULL	NUMBER	Pending invoice amount

# PA\_PROJ\_COMMITMENT\_STATUS

View of project commitment costs including requisitions, purchase orders, and pending vendor invoices.

View Definition

```
CREATE VIEW PA_PROJ_COMMITMENT_STATUS
as SELECT
    c.project_number ,c.project_name ,c.project_id ,sum(c.req_amount_open)
, sum(c.po_amount_ordered) ,sum(c.po_amount_delivered) ,sum(c.po_amount_open)
, sum(c.ap_amount_pending) FROM PA_PROJ_COMMITMENT_BASE_VIEW C GROUP BY c.project_number
,c.project_name ,c.project_id
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_NUMBER	NULL	VARCHAR2(25)	Number of the project charged
PROJECT_NAME	NULL	VARCHAR2(30)	Name of the project charged
PROJECT_ID	NULL	NUMBER	Identifier of the project charged
REQ_AMOUNT_OPEN	NULL	NUMBER	Open requisition amount, defined as approved, unpurchased requisitions
PO_AMOUNT_ORDERED	NULL	NUMBER	PO amount ordered, defined as the amount originally ordered - amount cancelled
PO_AMOUNT_DELIVERED	NULL	NUMBER	PO amount delivered
PO_AMOUNT_OPEN	NULL	NUMBER	PO amount open defined as the approved, uninvoiced PO amount
AP_AMOUNT_PENDING	NULL	NUMBER	Pending invoice amount

## PA\_PROJ\_COST\_EXPEND\_VIEW

View of transactions for Project Costing projects, including quantities and cost amounts.

### View Definition

```
CREATE VIEW PA_PROJ_COST_EXPEND_VIEW
as SELECT
    ei.expenditure_item_id
      , t.project_id
      , per.full_name
      , per.employee_number
      , e.incurred_by_person_id
      , vend.vendor_id
      , vend.segment1
      , vend.vendor_name
      , nvl(per.full_name, vend.vendor_name)
      , nvl(per.employee_number, vend.segment1)
      , e.incurred_by_organization_id
      , orgt11.name
      , ei.job_id
      , job.name
      , decode(ei.system_linkage_function, 'USG', ei.non_labor_resource || '-' || orgt12.name,
              'VI', null,
              'PJ', null,
              'WIP', null,
              'INV', null,
              'BTC', null,
              job.name)
      , ei.expenditure_type
      , t.task_id
      , t.task_number
      , ei.expenditure_item_date
      , ei.quantity
      , lk.meaning
      , ei.raw_cost
      , ei.burden_cost
      , ei.cost_distributed_flag
      , ei.non_labor_resource
      , ei.organization_id
      , orgt12.name
FROM
    pa_expenditure_items_all ei,
    pa_cost_distribution_lines_all cdl,
    pa_expenditures_all e,
    pa_expenditure_types et,
    pa_lookups lk,
    pa_tasks t,
    po_vendors vend,
    per_jobs job,
    hr_org_units_no_join org1,
    hr_all_organization_units_t1 orgt11,
    hr_org_units_no_join org2,
    hr_all_organization_units_t1 orgt12,
```

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```

        per_people_f per
    Where t.task_id = ei.task_id
    AND   ei.expenditure_id = e.expenditure_id
    AND   ei.expenditure_type = et.expenditure_type
    AND   e.incurred_by_person_id = per.person_id (+)
    AND   per.employee_number (+) is not null
    AND   trunc(sysdate) between per.effective_start_date (+)
                                and per.effective_end_date (+)
    AND   ei.expenditure_item_id = cdl.expenditure_item_id (+)
    AND   cdl.line_num (+) = 1
    AND   cdl.system_referencel = vend.vendor_id (+)
    AND   e.incurred_by_organization_id = org1.organization_id(+)
    AND   org1.organization_id = orgt11.organization_id(+)
    AND   decode(orgt11.organization_id,null,'1',orgt11.language) =
            decode(orgt11.organization_id,null,'1',USERENV('LANG'))
    AND   ei.organization_id = org2.organization_id (+)
    AND   org2.organization_id = orgt12.organization_id(+)
    AND   decode(orgt12.organization_id,null,'1',orgt12.language) =
            decode(orgt12.organization_id,null,'1',USERENV('LANG'))
    AND   et.unit_of_measure = lk.lookup_code
    AND   lk.lookup_type = 'UNIT'
    AND   ei.job_id = job.job_id (+)

```

#### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure item
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project charged
INCURRED_BY_EMPLOYEE_NAME	NULL	VARCHAR2(240)	Full name of the employee incurring the charge. This column is always populated for labor and expense report items, and optionally for usage items. This column is always blank for vendor invoice items
INCURRED_BY_EMPLOYEE_NUM	NULL	VARCHAR2(30)	Number of the employee incurring the charge. This column is always populated for labor and expense report items, and optionally for usage items. This column is always blank for vendor invoice items
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	Identifier of the employee incurring the charge. This column is always populated for labor and expense report items, and optionally for usage items. This column is always blank for vendor invoice items
VENDOR_ID	NULL	NUMBER	Identifier of the vendor of the vendor invoice item; this value is blank for other types of charges

VENDOR_NUM	NULL	VARCHAR2(30)	Number of the vendor. This column is always populated for vendor invoice items. This value is blank for other types of charges
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
VENDOR_NAME	NULL	VARCHAR2(80)	Name of the vendor. This column is always populated for vendor invoice items. This value is blank for other types of charges
EMPLOYEE_VENDOR_NAME	NULL	VARCHAR2(240)	Name of the employee or the vendor. This value is the vendor for vendor invoice items, and the employee for labor, expense report, and usage items
EMPLOYEE_VENDOR_NUM	NULL	VARCHAR2(30)	Number of the employee or vendor. This value is the vendor number of vendor invoice items and the employee number for labor, expense report, and usage items
INCURRED_BY_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization incurring the expenditure item
INCURRED_BY_ORGANIZATION_NAME	NULL	VARCHAR2(60)	Name of the organization incurring the expenditure item
JOB_ID	NULL	NUMBER(15)	Identifier of the job of the primary assignment of the employee as of the expenditure item date
JOB_NAME	NULL	VARCHAR2(240)	Name of the job of the primary assignment of the employee as of the expenditure item date
JOB_RESOURCE_ORG_NAME	NULL	VARCHAR2(240)	Job name for labor and expense report items, blank for vendor invoices, and non-labor resource concatenated with the resource organization name for usage items
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the expenditure item
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the lowest level task incurring the charge
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Number of lowest level task incurring the charge
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Expenditure item date
QUANTITY	NULL	NUMBER(22,5)	Quantity of units of work performed
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(80)	Unit of measure of the expenditure type
RAW_COST	NULL	NUMBER(22,5)	Total raw cost of the expenditure item. Also referred to as direct cost
BURDEN_COST	NULL	NUMBER(22,5)	Total burdened cost of the expenditure item. BURDENED COST = RAW COST + BURDEN
COST_DISTRIBUTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the item has been cost distributed. Upon entry, the flag is set to N. When the item is cost distributed, the flag is set to Y

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NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	Non-labor resource utilized as the work was performed. This column is only populated for usage items
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Column Descriptions (Continued)

Name	Null?	Type	Description
RESOURCE_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization that owns the resource that was utilized when the work was performed. This column is only populated for usage items
RESOURCE_ORGANIZATION_NAME	NULL	VARCHAR2(60)	Name of the organization that owns the resource that was utilized when the work was performed. This column is only populated for usage items

## PA\_PROJ\_EVENTS\_VIEW

PA\_PROJ\_EVENTS\_VIEW is a view of all project events. The view displays all relevant information for project events. You can use this view to easily report project events.

### View Definition

```
CREATE VIEW PA_PROJ_EVENTS_VIEW
as SELECT
    e.project_id
    ,p.segment1
    ,p.name
    ,e.task_id
    ,t.task_number
    ,t.task_name
    ,e.event_num
    ,e.event_type
    ,et.event_type_classification
    ,et.description
    ,e.completion_date
    ,e.description
    ,e.organization_id
    ,o.name
    ,et.revenue_category_code
    ,e.bill_amount
    ,e.revenue_amount
    ,e.bill_hold_flag
    ,e.revenue_distributed_flag
    ,decode(sum(nvl(i.amount,0)),0,'N','Y')
    ,e.billing_assignment_id
FROM PA_DRAFT_INVOICE_ITEMS I
    , PA_TASKS T
    , PA_PROJECTS P
    , PA_EVENT_TYPES ET
    , HR_ORGANIZATION_UNITS O
    , PA_EVENTS E
WHERE p.project_id = e.project_id
AND t.task_id (+) = e.task_id
AND i.project_id (+) = e.project_id
AND nvl(i.event_task_id(+),0) = nvl(e.task_id,0)
AND i.event_num(+) = e.event_num
AND e.event_type = et.event_type
AND o.organization_id = e.organization_id
GROUP BY e.project_id
    ,p.segment1
    ,p.name
    ,e.task_id
    ,t.task_number
    ,t.task_name
    ,e.event_num
    ,e.event_type
    ,et.event_type_classification
    ,et.description
    ,e.completion_date
    ,e.description
```

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```

,e.organization_id
,o.name
,et.revenue_category_code
,e.bill_amount
,e.revenue_amount
,e.bill_hold_flag
,e.revenue_distributed_flag
,e.billing_assignment_id

```

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EVENTS	TASK_ID EVENT_NUM	TASK_ID EVENT_NUM
PA_EVENT_TYPES	EVENT_TYPE	EVENT_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project for which the event is entered
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Number of the project for which the event is entered
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Name of the project for which the event is entered
TASK_ID		NUMBER(15)	Identifier of the task for which the event is entered
TASK_NUMBER		VARCHAR2(25)	Number of the task for which the event is entered
TASK_NAME		VARCHAR2(20)	Name of the task for which the event is entered
EVENT_NUM	NOT NULL	NUMBER	Sequential number that identifies the event entered for a task
EVENT_TYPE	NOT NULL	VARCHAR2(30)	Event type that classifies the event
EVENT_TYPE_CLASSIFICATION	NOT NULL	VARCHAR2(30)	System-defined classification that classifies the event type and drives the revenue and invoice processing of the event type
EVENT_TYPE_DESCRIPTION	NOT NULL	VARCHAR2(240)	Description of the event type definition
COMPLETION_DATE		DATE	Date on which the event is complete and on or after which the event is processed for revenue accrual and/or invoicing
DESCRIPTION	NOT NULL	VARCHAR2(240)	Free text description of the event. For billing events, the description is displayed as the invoice line description
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of organization
ORGANIZATION_NAME	NOT NULL	VARCHAR2(60)	Organization name
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Revenue category of the event type
BILL_AMOUNT	NOT NULL	NUMBER	Amount to be billed for the event on an invoice upon the event's completion date

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Column Descriptions (Continued)

Name	Null?	Type	Description
REVENUE_AMOUNT	NOT NULL	NUMBER	Amount of revenue to be accrued for the event upon the event's completion date
BILL_HOLD_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the event is held from billing. Values are Y, N, or O.
REVENUE_DISTRIBUTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the event's revenue has been distributed
BILLED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the event has been billed. Values are Y or N. If the event was billed on an invoice that was cancelled, the event is displayed as unbilled
BILLING_ASSIGNMENT_ID	NULL	NUMBER(15)	Identifier of the billing assignment from which this event was created, if an automatic event

## PA\_PROJ\_EXPEND\_VIEW

PA\_PROJ\_EXPEND\_VIEW is a view of all project expenditure items, including cost and revenue. This view displays all relevant information for all expenditure items, including labor, expense reports, usages, and supplier invoices. You can use this view to easily report project expenditure items.

### View Definition

```
CREATE VIEW PA_PROJ_EXPEND_VIEW
as SELECT
    ei.expenditure_item_id , p.project_id , p.segment1 , p.name , hold.meaning ,
    hold.lookup_code , per.full_name , per.employee_number , e.incurred_by_person_id ,
    vend.vendor_id , vend.segment1 , vend.vendor_name , nvl(per.full_name, vend.vendor_name) ,
    nvl(per.employee_number, vend.segment1) , per.person_id , e.incurred_by_organization_id ,
    ei.override_to_organization_id , nvl(override_orgtl.name, incurred_orgtl.name) ,
    nvl(ei.bill_job_id, asg.job_id) , nvl(ei.bill_job_billing_title, job.name) ,
    decode(ei.system_linkage_function, 'USG', ei.non_labor_resource || '-' || resource_orgtl.name,
    'VI', null, 'PJ', null, 'WIP', null, 'INV', null, 'BTC', null,
    nvl(ei.bill_job_billing_title, job.name)) , ei.expenditure_type , et.expenditure_category ,
    ei.system_linkage_function , t.task_id , t.task_number , t.task_name ,
    ei.expenditure_item_date , ei.quantity , lk.meaning , ei.bill_rate , ei.bill_amount ,
    ei.raw_cost , ei.burden_cost , nvl(ei.adjusted_revenue, ei.raw_revenue) , ei.accrued_revenue
    , ei.cost_distributed_flag , ei.revenue_distributed_flag , ei.billable_flag ,
    ei.non_labor_resource , ei.organization_id , resource_orgtl.name , cdl.system_reference2 ,
    cdl.system_reference3 , asg.primary_flag , ei.denom_currency_code , ei.denom_raw_cost ,
    ei.denom_burdened_cost , ei.acct_currency_code , ei.acct_rate_date , ei.acct_rate_type ,
    ei.acct_exchange_rate , ei.acct_raw_cost , ei.acct_burdened_cost , ei.project_currency_code ,
    ei.project_rate_date , ei.project_rate_type , ei.project_exchange_rate FROM
    hr_org_units_no_join incurred_org, hr_all_organization_units_tl incurred_orgtl,
    hr_org_units_no_join resource_org, hr_all_organization_units_tl resource_orgtl,
    hr_org_units_no_join override_org, hr_all_organization_units_tl override_orgtl, pa_lookups
    lk, pa_lookups hold, po_vendors vend, pa_cost_dist_lines_all_bas cdl, pa_expenditure_types
    et, per_jobs job, per_assignments_f asg, per_people_f per, pa_expenditures_all e,
    pa_expenditure
        _items_all ei, pa_tasks t, pa_projects p
    Where t.task_id = ei.task_id AND p.project_id = t.project_id AND ei.expenditure_id =
    e.expenditure_id AND ei.expenditure_type = et.expenditure_type AND e.incurred_by_person_id =
    per.person_id (+) AND trunc(ei.expenditure_item_date) between
    nvl(per.effective_start_date, ei.expenditure_item_date-1) and
    nvl(per.effective_end_date, ei.expenditure_item_date+1) AND ei.expenditure_item_id =
    cdl.expenditure_item_id (+) AND cdl.line_num (+) = 1 AND cdl.system_reference1 =
    vend.vendor_id (+) AND per.person_id = asg.person_id (+) AND trunc(ei.expenditure_item_date)
    between nvl(asg.effective_start_date, ei.expenditure_item_date-1) and
    nvl(asg.effective_end_date, ei.expenditure_item_date+1) AND asg.job_id = job.job_id (+) AND
    e.incurred_by_organization_id = incurred_org.organization_id (+) AND
    incurred_org.organization_id = incurred_orgtl.organization_id(+) AND
    decode(incurred_orgtl.organization_id, null, '1', incurred_orgtl.language) =
    decode(incurred_orgtl.organization_id, null, '1', USERENV('LANG')) AND
    ei.override_to_organization_id = override_org.organization_id (+) AND
    override_org.organization_id = override_orgtl.organization_id(+) AND
    decode(override_orgtl.organization_id, null, '1', override_orgtl.language) =
    decode(override_orgtl.organization_id, null, '1', USERENV('LANG')) AND ei.organization_id =
    resource_org.organization_id (+) AND resource_org.organization_id =
```

```

resource_orctl.organization_id(+) AND
decode(resource_orctl.organization_id,null,'1',resource_orctl.language) =
decode(resource_orctl.organization_id,null,'1',USERENV('LANG')) AND et.unit_of_measure =
lk.lookup_code AND lk.lookup_type = 'UNIT' AND ei.bill_hold_flag = hold.lookup_code AND
hold.lookup_type = 'BILLING HOLD'

```

#### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure item
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project charged
PROJECT_NUM	NOT NULL	VARCHAR2(25)	Number of the project charged
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Name of the project charged
ON_HOLD_FLAG	NOT NULL	VARCHAR2(80)	Indicator if the expenditure item is on hold. Values are Yes, No, or Once.
ON_HOLD_CODE	NOT NULL	VARCHAR2(30)	Code of the hold flag. Holds N, Y, or O (for Once)
INCURRED_BY_EMPLOYEE_NAME	NULL	VARCHAR2(240)	Full name of the employee incurring the charge; this column is always populated for labor and expense report items, and optionally for usage items. This column is always blank for vendor invoice items
INCURRED_BY_EMPLOYEE_NUM	NULL	VARCHAR2(30)	Number of the employee incurring the charge. this column is always populated for labor and expense report items, and optionally for usage items. This column is always blank for vendor invoice items
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	Identifier of the employee incurring the charge. This column is always populated for labor and expense report items, and optionally for usage items. This column is always blank for vendor invoice items
VENDOR_ID	NULL	NUMBER	Identifier of the vendor of the vendor invoice item; this value is blank for other types of charges
VENDOR_NUM	NULL	VARCHAR2(30)	Number of the vendor. This column is always populated for vendor invoice items; this value is blank for other types of charges
VENDOR_NAME	NULL	VARCHAR2(80)	Name of the vendor. This column is always populated for vendor invoice items; this value is blank for other types of charges
EMPLOYEE_VENDOR_NAME	NULL	VARCHAR2(240)	Name of the employee or the vendor. This value is the vendor for vendor invoice items, and the employee for labor, expense report, and usage items

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Column Descriptions (Continued)

Name	Null?	Type	Description
EMPLOYEE_VENDOR_NUM	NULL	VARCHAR2(30)	Number of the employee or the vendor. This value is the vendor number of vendor invoice items and employee number for labor, expense report, and usage items
EMPLOYEE_PERSON_ID	NULL	NUMBER(10)	Identifier of the person that incurred the charge
INCURRED_BY_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization incurring the expenditure item
OVERRIDE_TO_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the destination organization resulting from cost distribution overrides for labor, expense report, and usage items. For vendor invoice items, this is the expenditure organization as entered in Payables
INCURRED_BY_ORGANIZATION_NAME	NULL	VARCHAR2(60)	Name of the organization incurring the expenditure item. This column displays the override_to_organization if specified, else displays the incurred by organization as entered on the expenditure
JOB_ID	NULL	NUMBER	Identifier of the job that is effective for the item. If labor item has been processed for revenue accrual, displays the effective job based on overrides, else displays the primary job assignment for the employee.
JOB_NAME	NULL	VARCHAR2(240)	Effective job billing title. If labor item has been processed for revenue accrual, this column displays the effective job billing title based on overrides, otherwise displays the job name of the primary assignment of the employee
JOB_RESOURCE_ORG_NAME	NULL	VARCHAR2(240)	Job billing title for labor and expense report items, blank for vendor invoice items, and non-labor resource concatenated with resource organization name for usage items
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the expenditure item
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Expenditure category of the expenditure type
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(3)	System linkage function of the expenditure type
TASK_ID	NOT NULL	NUMBER(15)	Identifier of the lowest level task incurring the charge
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Number of lowest level task incurring the charge
TASK_NAME	NOT NULL	VARCHAR2(20)	Name of lowest level task incurring the charge
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Expenditure item date
QUANTITY	NULL	NUMBER(22,5)	Quantity of units of work performed

UNIT_OF_MEASURE	NOT NULL	VARCHAR2(80)	Unit of measure of the expenditure type
-----------------	----------	--------------	---

*Column Descriptions (Continued)*

Name	Null?	Type	Description
BILL_RATE	NULL	NUMBER(22,5)	Bill rate of the expenditure item. This column is not populated if (1) a markup percentage or labor multiplier was used to calculate T and M revenue or (2) if revenue is accrued under a Cost/Cost or Cost/Event distribution rule
BILL_AMOUNT	NULL	NUMBER(22,5)	Amount to be billed for the expenditure item. This amount may differ from the revenue amount if using Cost/Work method or if the project hit hard funding limit
RAW_COST	NULL	NUMBER(22,5)	Total raw cost of the expenditure item in project currency. Also referred to as direct cost
BURDEN_COST	NULL	NUMBER(22,5)	Total burdened cost of the expenditure item in project currency. BURDENED COST = RAW COST + BURDEN
POTENTIAL_REVENUE	NULL	NUMBER	Potential revenue of the item
ACCRUED_REVENUE	NULL	NUMBER(22,5)	Total accrued revenue of the item. This amount is different from the potential revenue if the project hit a hard funding limit
COST_DISTRIBUTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the item has been cost distributed. Upon entry, this flag is set to N. When the item is cost distributed, the flag is set to Y
REVENUE_DISTRIBUTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the item is revenue distributed. Upon entry, this flag is set to N. When the item is revenue distributed, the flag is set to Y or P
BILLABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the item can accrue revenue. Upon entry, this flag is default from the task and transaction controls.
NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	Non-labor resource utilized as the work was performed. This column is only populated for usage items
RESOURCE_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization that owns the resource that was utilized when the work was performed. This column is only populated for usage items
RESOURCE_ORGANIZATION_NAME	NULL	VARCHAR2(60)	Name of the organization that owns the resource that was utilized when the work was performed. This column is only populated for usage items

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SYSTEM_REFERENCE2	NULL	VARCHAR2(30)	System reference2 of PA_COST_DISTRIBUTION_LINES_ALL which holds the AP_INVOICES.INVOICE_ID for vendor invoice and expense report items. This column is blank for labor and usage items
-------------------	------	--------------	--

Column Descriptions (Continued)

Name	Null?	Type	Description
SYSTEM_REFERENCE3	NULL	VARCHAR2(30)	System reference3 of PA_COST_DISTRIBUTION_LINES_ALL which holds the AP_INVOICE_DISTRIBUTIONS.DISTRIBUTION_LINE_NUMBER for vendor invoices. This column is blank for all other types of charges
PRIMARY_FLAG	NULL	VARCHAR2(30)	Flag which indicates whether it is a primary assignment or not
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency code
DENOM_RAW_COST	NULL	NUMBER	Raw cost in transaction currency
DENOM_BURDENED_COST	NULL	NUMBER	Burdened cost in transaction currency
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Functional currency code
ACCT_RATE_DATE	NULL	DATE	Conversion date used to convert raw cost in transaction currency to functional currency
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion type used to convert raw cost in transaction currency to functional currency
ACCT_EXCHANGE_RATE	NULL	NUMBER	Conversion rate used to convert raw cost in transaction currency to functional currency
ACCT_RAW_COST	NULL	NUMBER	Raw cost in functional currency
ACCT_BURDENED_COST	NULL	NUMBER	Burdened cost in functional currency
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project currency code
PROJECT_RATE_DATE	NULL	DATE	Conversion type used to convert raw cost in transaction currency to project currency
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion type used to convert raw cost in transaction currency to project currency
PROJECT_EXCHANGE_RATE	NULL	NUMBER	Conversion type used to convert raw cost in transaction currency to project currency

---

## PA\_PROJ\_INFO\_VIEW

PA\_PROJ\_INFO\_VIEW reports basic project information about a project. This view displays one row per project. It includes information about the project number and name, the project organization, start and completion date, and the current project manager. You can use this view to easily report basic project information for a project.

### View Definition

```
CREATE VIEW PA_PROJ_INFO_VIEW
as SELECT
    proj.project_id,
        proj.name,
        proj.segment1,
        proj.start_date,
        proj.completion_date,
        ps.project_status_name,
        proj.project_status_code,
        fnd.meaning,
        proj.project_type,
        proj.description,
        org.organization_id,
        org.name,
        player.person_id,
        people.full_name,
        proj.distribution_rule,
        roles.project_role_type,
        roles.meaning,
        proj.project_currency_code,
        proj.project_rate_date,
        proj.project_rate_type,
        proj.allow_cross_charge_flag
FROM
    pa_projects proj,
    hr_organization_units org,
    per_people_f people,
    pa_project_players player,
    pa_project_role_types roles,
    pa_project_statuses ps,
    fnd_lookups fnd
Where proj.carrying_out_organization_id = org.organization_id
and    proj.project_id                  = player.project_id
and    player.person_id                 = people.person_id
and    people.employee_number is not null
and    trunc(sysdate) between people.effective_start_date
                                and people.effective_end_date
and    player.project_role_type         = roles.project_role_type
and    roles.project_role_type          = 'PROJECT MANAGER'
and    trunc(sysdate) between player.start_date_active and
                                nvl(player.end_date_active (+), sysdate+1)
and    ps.project_status_code = proj.project_status_code
and    fnd.lookup_type = 'YES_NO'
and    fnd.lookup_code = proj.public_sector_flag
```

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```

UNION
SELECT
    proj.project_id,
    proj.name,
    proj.segment1,
    proj.start_date,
    proj.completion_date,
    ps.project_status_name,
    proj.project_status_code,
    fnd.meaning,
    proj.project_type,
    proj.description,
    org.organization_id,
    org.name,
    to_number(null),
    null,
    proj.distribution_rule,
    null,
    null,
    proj.project_currency_code,
    proj.project_rate_date,
    proj.project_rate_type,
    proj.allow_cross_charge_flag
FROM
    pa_projects proj,
    hr_organization_units org,
    pa_project_statuses ps,
    fnd_lookups fnd
where proj.carrying_out_organization_id = org.organization_id
and NOT EXISTS (
    SELECT NULL
    FROM pa_project_players pp
    WHERE pp.project_id = proj.project_id
    AND pp.project_role_type = 'PROJECT MANAGER'
    AND trunc(sysdate) BETWEEN p
        p.start_date_active
            AND nvl(pp.end_date_active, sysdate+1))
and ps.project_status_code = proj.project_status_code
and fnd.lookup_type = 'YES_NO'
and fnd.lookup_code = proj.public_sector_flag

```

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_DISTRIBUTION_RULES	DISTRIBUTION_RULE	DISTRIBUTION_RULE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECT_ROLE_TYPES	PROJECT_ROLE_TYPE	PROJECT_ROLE_TYPE
PA_PROJECT_TYPES_ALL	PROJECT_TYPE	PROJECT_TYPE
PER_ALL_PEOPLE_F	PERSON_ID	MANAGER_PERSON_ID

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Project identifier
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Project name
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Project number

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Column Descriptions (Continued)

Name	Null?	Type	Description
START_DATE	NULL	DATE	Project start date
COMPLETION_DATE	NULL	DATE	Project completion date
PROJECT_STATUS	NOT NULL	VARCHAR2(30)	Status of the project
PROJECT_STATUS_CODE	NOT NULL	VARCHAR2(30)	Code that identifies the project status
PUBLIC_SECTOR_FLAG	NULL	VARCHAR2(4)	Flag that indicates whether the project is public sector or private sector
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	Project type that classifies the project and defaults project information upon project entry
DESCRIPTION	NULL	VARCHAR2(250)	Description of the project
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of the organization that is managing the project work
ORGANIZATION_NAME	NOT NULL	VARCHAR2(30)	Name of the organization managing the project work
MANAGER_PERSON_ID	NULL	NUMBER(9)	Identifier of the project manager
MANAGER_NAME	NULL	VARCHAR2(80)	Full name of the project manager
DISTRIBUTION_RULE	NULL	VARCHAR2(20)	Distribution rule that specifies the contract project's revenue accrual and billing method
PROJECT_ROLE_TYPE	NULL	VARCHAR2(20)	Code that identifies the project role type of the project manager. This column displays PROJECT MANAGER
PROJECT_ROLE	NOT NULL	VARCHAR2(30)	Role type that a project manager has on a project. This column displays Project Manager
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code of the project
PROJECT_RATE_DATE	NULL	DATE	Default value for project rate date which can be overridden at task
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Default value for project rate type which can be overridden at task
ALLOW_CROSS_CHARGE_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether cross charge are allowed

## PA\_PROJ\_INVOICES\_VIEW

PA\_PROJ\_INVOICES\_VIEW displays all project invoices in Oracle Projects. You can use this view to easily report project invoice information. This view displays one record per project invoice.

### View Definition

```
CREATE VIEW PA_PROJ_INVOICES_VIEW
as SELECT
    inv.project_id
      , inv.draft_invoice_num
      , inv.ra_invoice_number
      , inv.bill_through_date
      , inv.invoice_date
      , inv.approved_date
      , inv.released_date
      , inv.creation_date
      , inv.gl_date
      , decode(inv.gl_date,null,null,gl_per.period_name)
      , inv.invoice_comment
      , inv.transfer_rejection_reason
      , inv.customer_bill_split
      , cust.customer_id
      , cust.customer_number
      , cust.customer_name
      , inv.agreement_id
      , agr.agreement_num
      , agr.agreement_type
      , sum(item.amount -
            decode(item.invoice_line_type,'RETENTION',item.amount,0))
      , - sum(decode(item.invoice_line_type,'RETENTION',item.amount,0))
      , sum(item.amount)
      , inv.inv_currency_code
      , sum(item.inv_amount)
      , inv.draft_invoice_num_credited
      , inv.transfer_status_code
      , lk.meaning
      , trm.name
      , decode(inv.draft_invoice_num_credited, null, null,
            decode(inv.cancel_credit_memo_flag,'Y','CANCEL',
            decode(inv.write_off_flag, 'Y', 'WRITE-OFF', 'CREDIT MEMO'))
      , to_number(decode(inv.transfer_status_code,'P',
            decode(inv.released_date,'',
            decode(inv.approved_date,'',
            to_date(trunc(sysdate))-to_date(trunc(inv.creation_date)),
            to_date(trunc(sysdate))-to_date(trunc(inv.approved_date))
            ,''),''))
      , inv.cc_project_id
FROM
    pa_lookups lk,
    pa_implementations imp,
    ra_customers cust,
    pa_agreements agr,
    ra_terms trm,
    gl_period_statuses gl_per,
```

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```

    pa_draft_invoice_items item,
    pa_draft_invoices inv
Where item.project_id = inv.project_id
AND item.draft_invoice_num = inv.draft_invoice_num
AND inv.agreement_id = agr.agreement_id
AND agr.customer_id = cust.customer_id
AND agr.term_id = trm.term_id
AND inv.creation_date
    between nvl(trm.start_date_active,inv.creation_date)
    and nvl(trm.end_date_active, sysdate+1)
AND gl_per.set_of_books_id + 0 = imp.set_of_books_id
AND gl_per.application_id = 101
AND gl_per.adjustment_period_flag = 'N'
AND nvl(inv.gl_date,trunc(sysdate)) between gl_per.start_date
    and gl_per.end_date
AND lk.lookup_type = 'INVOICE/REVENUE STATUS'
AND lk.lookup_code =
    decode(inv.generation_error_flag, 'Y', 'GENERATION ERROR',
    decode(inv.approved_date, NULL, 'UNAPPROVED',
    decode(inv.released_date, NULL, 'APPROVED',
    decode(inv.transfer_status_code,
        'P', 'RELEASED',
        'X', 'REJECTED IN TRANSFER',
        'T', 'TRANSFERRED',
        'A', 'ACCEPTED',
        'R', 'REJECTED'
    )
    )
    )
GROUP BY inv.project_id
    , inv.draft_invoice_num
    , inv.ra_invoice_number
    , inv.bill_through_date
    , inv.invoice_date
    , inv.approved_date
    , inv.released_date
    , inv.creation_date
    , inv.gl_date
    , decode(inv.gl_date,null,null,gl_per.period_name)
    , inv.invoice_comment
    , inv.transfer_rejection_reason
    , inv.customer_bill_split
    , cust.customer_id
    , cust.customer_number
    , cust.customer_name
    , inv.agreement_id
    , agr.agreement_num
    , agr.agreement_
type
    , inv.inv_currency_code
    , inv.draft_invoice_num_credited
    , inv.transfer_status_code
    , lk.meaning
    , trm.name
    , decode(inv.draft_invoice_num_credited, null, null,

```

```

        decode(inv.cancel_credit_memo_flag,'Y','CANCEL',
        decode(inv.write_off_flag, 'Y', 'WRITE-OFF', 'CREDIT MEMO'))))
, to_number(sysdate - nvl(inv.approved_date, inv.creation_date))
,inv.cc_project_id

```

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	GL_PERIOD
PA_AGREEMENTS_ALL	AGREEMENT_ID	AGREEMENT_ID
PA_DRAFT_INVOICES_ALL	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project
DRAFT_INVOICE_NUM	NOT NULL	NUMBER(15)	Sequential number that identifies the draft invoice within a project
RA_INVOICE_NUMBER	NULL	VARCHAR2(20)	Invoice number of the invoice in Oracle Receivables. This number is printed on the customer invoice
BILL_THROUGH_DATE	NULL	DATE	Date through which the draft invoice is billed. Expenditure items with an expenditure item date on or before the bill through date and events with completion dates on or before the bill through date are included on the invoice
INVOICE_DATE	NULL	DATE	Invoice date of the released invoice; this date is printed on the customer invoice and from which the receivables is aged
APPROVED_DATE	NULL	DATE	Date that the draft invoice was approved
RELEASED_DATE	NULL	DATE	Date on which the draft invoice was released
CREATION_DATE	NOT NULL	DATE	Standard Who Column
GL_DATE	NULL	DATE	Date within the GL period in which the invoice is posted. This value is blank if the invoice has not been transferred to Oracle Receivables
GL_PERIOD	NULL	VARCHAR2(15)	GL period in which the invoice is posted. This value is blank if the invoice has not yet been transferred to Oracle Receivables
INVOICE_COMMENT	NULL	VARCHAR2(240)	Free text comments that can be printed on an invoice. The invoice comment is defaulted from the invoice comment defined for the project. This value can be overridden by a user for each draft invoice

Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	Reason why the draft invoice was rejected by the Transfer Invoices program or rejected by Oracle Receivables AutoInvoice program
CUSTOMER_BILL_SPLIT	NULL	NUMBER(15)	Percentage of the total project invoice amount that the customer is billed on the draft invoice
CUSTOMER_ID	NULL	NUMBER(15)	Identifier of the customer billed by the project invoice and which authorized the agreement that is funded the project invoice
CUSTOMER_NUMBER	NULL	VARCHAR2(30)	Number of the customer billed by the project invoice
CUSTOMER_NAME	NULL	VARCHAR2(80)	Name of the customer billed by the project invoice
AGREEMENT_ID	NULL	NUMBER(15)	Identifier of the customer agreement that funds the invoice
AGREEMENT_NUM	NULL	NUMBER(20)	Number of the customer agreement that funds the invoice
AGREEMENT_TYPE	NOT NULL	VARCHAR2(30)	Type of agreement that funds the invoice
TOTAL_INVOICE_AMOUNT	NOT NULL	NUMBER	Total amount of the invoice, excluding retentions
RETENTION_AMOUNT	NOT NULL	NUMBER	Invoice retention amount. The retention amount is reported as a positive amount
INVOICE_AMOUNT	NOT NULL	NUMBER	Net invoice amount, which includes retentions. Invoice Amount = Total Invoice Amount - Retentions
INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
INVOICE_CURR_AMOUNT	NULL	NUMBER	Refer to base table.
DRAFT_INVOICE_NUM_CREDITED	NULL	NUMBER(15)	Draft invoice number that is credited by this draft invoice. The crediting invoice may be a credit memo or invoice write-off
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of the invoice as it is transferred to Oracle Receivables
INVOICE_STATUS	NOT NULL	VARCHAR2(30)	Status of the invoice as it is reviewed, approved, and released in Oracle Projects and then transferred in Oracle Receivables
PAYMENT_TERMS	NULL	VARCHAR2(30)	Terms of the agreement by which the invoice is collected
CREDIT_INVOICE_TYPE	NULL	VARCHAR2(30)	Type of crediting invoice for a crediting invoice. Values may be blank (for non-crediting invoice), CANCEL, WRITE-OFF, or CREDIT MEMO

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Column Descriptions (Continued)

Name	Null?	Type	Description
DAYS_AWAITING_APPROVAL	NULL	NUMBER(15)	Number of days between invoice creation date and current date if the invoice is unapproved, or the number of days since approval date and current date if the invoice is approved and not released. Blank if invoice is released
CC_PROJECT_ID	NULL	NUMBER	Cross Charge Project ID

## PA\_PROJ\_INVOICE\_BASE\_VIEW

PA\_PROJ\_INVOICE\_BASE\_VIEW is a base view that shows the project revenue and invoice summary information that you may want to review when reviewing a project invoice. A base view is a view upon which other views are built. We recommend that you do not use base views for reporting and online query; instead you can more easily use the less complex views which are built upon the base views.

PA\_PROJ\_INVOICE\_BASE\_VIEW is a union of the project baselined budget, total revenue amount, total invoice amount, and amount on hold. You can review this summary information in the view PA\_PROJ\_INVOICE\_SUMMARY\_VIEW which is built upon this base view. The PA\_PROJ\_INVOICE\_SUMMARY\_VIEW displays one record per project.

### View Definition

```
CREATE VIEW PA_PROJ_INVOICE_BASE_VIEW
as SELECT
    pf.project_id , sum(nvl(pf.total_baselined_amount,0)) ,
        0 , 0 , 0 , 0 , 0 , 0 , 0 , 0
FROM pa_summary_project_fundings pf
GROUP BY pf.project_id
UNION
SELECT dri.project_id ,0 , sum(nvl(dri.amount,0)) ,
    0 , 0 , 0 , 0 , 0 , 0 , 0
FROM pa_draft_revenue_items dri, pa_draft_revenues dr
WHERE dr.generation_error_flag = 'N'
AND dr.project_id = dri.project_id
AND dr.draft_revenue_num = dri.draft_revenue_num
GROUP BY dri.project_id
UNION
SELECT e.project_id , 0 , 0 ,
    sum(decode(et.event_type_classification, 'WRITE OFF',
        nvl(e.revenue_amount,0),0)) ,
    sum(decode(et.event_type_classification, 'WRITE OFF', 0,
        nvl(e.revenue_amount,0))) , 0 , 0 , 0 , 0 , 0
FROM pa_events e,pa_event_types et
WHERE e.event_type = et.event_type
AND e.revenue_amount != 0
AND EXISTS
    (Select 'event revenue' from pa_cust_event_rev_dist_lines erdl
        where nvl(erdl.task_id, 0) = nvl(e.task_id, 0)
        and erdl.project_id = e.project_id
        and erdl.event_num = e.event_num)
GROUP BY e.project_id
UNION
SELECT inv.project_id , 0 , 0 , 0 , 0 , sum(item.amount) ,
    - sum(decode(item.invoice_line_type,'RETENTION',
item.amount,0)) ,
    sum(item.amount - decode(item.invoice_line_type,'RETENTION',
        item.amount,0)) , 0 , 0
FROM pa_draft_invoice_items item, pa_draft_invoices inv
```

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```

WHERE inv.project_id = item.project_id
AND inv.draft_invoice_num = item.draft_invoice_num
AND inv.released_date is not null
GROUP BY inv.project_id
UNION
SELECT rdl.project_id , 0 , 0 , 0 , 0 , 0 , 0 , 0 , 0 ,
      sum(nvl(rdl.bill_amount,0)),
      count(distinct ei.expenditure_item_id)
FROM PA_EXPENDITURE_ITEMS_ALL EI,PA_CUST_REV_DIST_LINES RDL
WHERE ei.bill_hold_flag in ('Y','O')
AND ei.expenditure_item_id = rdl.expenditure_item_id
AND rdl.draft_invoice_num is null
GROUP BY rdl.project_id

```

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project
BUDGET_REVENUE_AMOUNT	NULL	NUMBER	Baselined budgeted revenue amount for the project
TOTAL_REVENUE_AMOUNT	NULL	NUMBER	Total revenue amount for the project
WRITE_OFF_REVENUE_AMOUNT	NULL	NUMBER	Total Write-Off event revenue amount accrued for revenue events that are classified as Revenue Write-Offs
WRITE_ON_REVENUE_AMOUNT	NULL	NUMBER	Total event revenue amount accrued for revenue events that are not classified as Revenue Write-Offs. This includes Write-On and Manual revenue event type classifications
INVOICED_AMOUNT	NULL	NUMBER	Total amount of released invoices, excluding retentions
TOTAL_RETENTION_AMOUNT	NULL	NUMBER	Invoice retention amount on released invoices. The retention amount is reported as a positive amount
TOTAL_INVOICE_AMOUNT	NULL	NUMBER	Net invoice amount, which includes retentions, for released invoices. Invoice Amount = Total Invoice Amount - Retentions
ON_HOLD_AMOUNT	NULL	NUMBER	Total bill amount of expenditure items on hold (includes both permanent and one-time holds)
ON_HOLD_QUANTITY	NULL	NUMBER	Number of expenditure items on hold (includes both permanent and one-time holds)

## PA\_PROJ\_INVOICE\_DETAILS\_VIEW

PA\_PROJ\_INVOICE\_DETAILS\_VIEW displays the detailed expenditure items that make up a project invoice.

You can use this view to easily report the expenditure item information for an invoice backup report.

### View Definition

```
CREATE VIEW PA_PROJ_INVOICE_DETAILS_VIEW
as SELECT
    rdl.project_id
  , rdl.expenditure_item_id
  , exp.employee_vendor_name
  , exp.employee_vendor_num
  , exp.incurred_by_organization_id
  , exp.incurred_by_organization_name
  , exp.job_resource_org_name
  , exp.expenditure_type
  , exp.task_number
  , exp.expenditure_item_date
  , exp.quantity
  , exp.unit_of_measure
  , decode(rdl.line_num_reversed,null,exp.bill_rate,null)
  , rdl.bill_amount
  , rdl.draft_invoice_num
  , rdl.draft_invoice_item_line_num
FROM PA_PROJ_EXPEND_VIEW EXP
  , PA_CUST_REV_DIST_LINES RDL
  , PA_DRAFT_INVOICE_ITEMS ITEM
WHERE exp.expenditure_item_id = rdl.expenditure_item_id
AND   rdl.project_id = item.project_id
AND   rdl.draft_invoice_num = item.draft_invoice_num
AND   rdl.draft_invoice_item_line_num = item.line_num
AND   item.invoice_line_type != 'NET ZERO ADJUSTMENT'
GROUP BY      rdl.project_id
  , rdl.expenditure_item_id
  , exp.employee_vendor_name
  , exp.employee_vendor_num
  , exp.incurred_by_organization_id
  , exp.incurred_by_organization_name
  , exp.job_resource_org_name
  , exp.expenditure_type
  , exp.task_number
  , exp.expenditure_item_date
  , exp.quantity
  , exp.unit_of_measure
  , decode(rdl.line_num_reversed,null,exp.bill_rate,null)
  , rdl.bill_amount
  , rdl.draft_invoice_num
  , rdl.draft_invoice_item_line_num
```

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID DRAFT_INVOICE_NUM LINE_NUM	PROJECT_ID DRAFT_INVOICE_NUM DRAFT_INVOICE_ITEM_LINE_NUM
PA_EXPENDITURE_ITEMS_ALL	EXPENDITURE_ITEM_ID	EXPENDITURE_ITEM_ID
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER(15)	Identifier of the project
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Identifier of the expenditure item
EMPLOYEE_VENDOR_NAME	NULL	VARCHAR2(80)	Name of the employee or the supplier. This value is the supplier for supplier invoice items, and the employee for labor, expense report, and usage items
EMPLOYEE_VENDOR_NUM	NULL	NUMBER(30)	Number of the employee or the supplier. This value is the supplier number of supplier invoice items and employee number for labor, expense report, and usage items
ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization incurring the expenditure item
ORGANIZATION_NAME	NULL	VARCHAR2(30)	Name of the organization incurring the expenditure item
JOB_RESOURCE_ORG_NAME	NULL	VARCHAR2(80)	Job billing title for labor and expense report items, blank for supplier invoice items, and non-labor resource concatenated with resource organization name for usage items
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the expenditure item
TASK_NUMBER	NOT NULL	NUMBER(25)	Number of lowest level task incurring the charge
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Expenditure item date
QUANTITY	NOT NULL	NUMBER	Quantity of units of work performed
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(30)	Unit of measure of the expenditure type
BILL_RATE	NULL	NUMBER	Bill rate of the item. This column is blank if (1) a markup percentage or labor multiplier was used to calculate T&M revenue or (2) if revenue is accrued under a Cost/Cost or Cost/Event distribution rule or (3) it is on a crediting invoice
BILL_AMOUNT	NOT NULL	NUMBER	Amount to be billed for the expenditure item on the draft invoice. If the item is billed on more than one invoice, the bill rate * quantity of the item will not equal this bill amount
DRAFT_INVOICE_NUM	NOT NULL	NUMBER	Draft invoice number that the item is billed on

Column Descriptions (Continued)

Name	Null?	Type	Description
DRAFT_INVOICE_ITEM_LINE_NUM	NOT NULL	NUMBER	Draft invoice line number that the item is billed on

# PA\_PROJ\_INVOICE\_EVENTS\_VIEW

PA\_PROJ\_INVOICE\_EVENTS\_VIEW displays detailed event information for events included on a project invoice. You can use this view to easily report event details for a project invoice backup report.

View Definition

```
CREATE VIEW PA_PROJ_INVOICE_EVENTS_VIEW
as SELECT
    e.project_id
    , p.segment1
    , p.name
    , item.draft_invoice_num
    , item.line_num
    , e.task_id
    , t.task_number
    , t.task_name
    , e.event_num
    , e.event_type
    , e.description
    , e.completion_date
    , item.amount
    , e.organization_id
    , o.name
    , e.billing_assignment_id
FROM PA_DRAFT_INVOICE_ITEMS ITEM
    , PA_TASKS T
    , HR_ORGANIZATION_UNITS O
    , PA_PROJECTS P
    , PA_EVENTS E
WHERE item.project_id = e.project_id
AND   nvl(item.event_task_id, 0) = nvl(e.task_id, 0)
AND   item.event_num = e.event_num
AND   p.project_id = e.project_id
AND   t.task_id (+) = e.task_id
AND   o.organization_id = e.organization_id
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_DRAFT_INVOICE_ITEMS	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
	LINE_NUM	DRAFT_INVOICE_ITEM_LINE_NUM

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project for which the event is entered and billed
PROJECT_NUMBER	NOT NULL	NUMBER(25)	Name of the project
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Name of the project
DRAFT_INVOICE_NUM	NOT NULL	NUMBER(15)	Draft invoice number that the event is billed on

Column Descriptions (Continued)

Name	Null?	Type	Description
DRAFT_INVOICE_ITEM_LINE_NUM	NOT NULL	NUMBER(15)	Draft invoice line number that the event is billed on
TASK_ID	NULL	NUMBER(15)	Identifier of the task
TASK_NUMBER	NULL	VARCHAR2(25)	Number of the task for which the event is entered and billed
TASK_NAME	NULL	VARCHAR2(20)	Name of the task
EVENT_NUM	NOT NULL	NUMBER(15)	Event number for the task or project
EVENT_TYPE	NOT NULL	VARCHAR2(30)	Event type that classifies the event
EVENT_DESCRIPTION	NOT NULL	VARCHAR2(240)	Free text description of the event. For billing events, the description is displayed as the invoice line description
COMPLETION_DATE	NULL	DATE	Date on which the event is complete and on or after which the event is processed for revenue accrual and/or invoicing
BILL_AMOUNT	NULL	NUMBER	Amount billed for the event on an invoice
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of the organization
ORGANIZATION_NAME	NOT NULL	VARCHAR2(60)	Name of the organization
BILLING_ASSIGNMENT_ID	NULL	NUMBER(15)	Identifier of the billing assignment by which the event was created, if the event is an automatic event



# PA\_PROJ\_INVOICE\_SUMMARY\_VIEW

PA\_PROJ\_INVOICE\_SUMMARY\_VIEW displays summary totals for a project which include baselined budget revenue amount, total revenue amount, total invoice amounts, and amounts on hold. This view displays one record per project. You can use this information when reviewing project status, particularly when reviewing invoices for a project.

View Definition

```
CREATE VIEW PA_PROJ_INVOICE_SUMMARY_VIEW
as SELECT
  a.project_id
    , sum(nvl(a.budget_revenue_amount, 0))
    , sum(nvl(a.total_revenue_amount, 0))
    , sum(nvl(a.write_on_revenue_amount, 0))
    , sum(nvl(a.write_off_revenue_amount, 0))
    , sum(nvl(a.total_invoice_amount, 0))
    , sum(nvl(a.total_retention_amount, 0))
    , sum(nvl(a.invoiced_amount, 0))
    , sum(nvl(a.on_hold_amount, 0))
    , sum(nvl(a.on_hold_quantity, 0))
    , sum(nvl(a.total_revenue_amount,0))
      - sum(nvl(a.total_invoice_amount,0))

  FROM PA_PROJ_INVOICE_BASE_VIEW A
 GROUP BY a.project_id
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project
BUDGET_REVENUE_AMOUNT	NULL	NUMBER	Baselined budgeted revenue amount for the project
TOTAL_REVENUE_AMOUNT	NULL	NUMBER	Total revenue amount for the project
WRITE_ON_REVENUE_AMOUNT	NULL	NUMBER	Total event revenue amount accrued for revenue events that are not classified as Revenue Write-Offs. This includes Write-On and Manual revenue event type classifications
WRITE_OFF_REVENUE_AMOUNT	NULL	NUMBER	Total Write-Off event revenue amount accrued for revenue events that are classified as Revenue Write-Offs
TOTAL_INVOICED_AMOUNT	NULL	NUMBER	Total amount of released invoices, excluding retentions

Column Descriptions (Continued)

Name	Null?	Type	Description
TOTAL_RETENTION_AMOUNT	NULL	NUMBER	Invoice retention amount on released invoices. The retention amount is reported as a positive amount
INVOICED_AMOUNT	NULL	NUMBER	Net invoice amount, which includes retentions, for released invoices. Invoice Amount = Total Invoice Amount - Retentions
ON_HOLD_AMOUNT	NULL	NUMBER	Total bill amount of expenditure items on hold (includes both permanent and one-time holds)
ON_HOLD_QUANTITY	NULL	NUMBER	Number of expenditure items on hold (includes both permanent and one-time holds)
UNBILLED_RECEIVABLES_AMOUNT	NULL	NUMBER	Project unbilled receivables amount, defined as the total project revenue - total released invoice amount

## PA\_PROJ\_MEMBERS\_VIEW

PA\_PROJ\_MEMBERS\_VIEW displays project members for a project. This view displays one record per project key member.

You can use this view when reporting projects by project member. You can easily find all projects to which a project member is assigned.

### View Definition

```
CREATE VIEW PA_PROJ_MEMBERS_VIEW
as SELECT
    proj.project_id,
        proj.name,
        proj.segment1,
        proj.start_date,
        proj.completion_date,
        ps.project_status_name,
        proj.project_status_code,
        fnd.meaning,
        proj.project_type,
        proj.description,
        org.organization_id,
        org.name,
        player.person_id,
        people.full_name,
        proj.distribution_rule,
        roles.project_role_type,
        roles.meaning
FROM
    pa_projects proj,
    hr_organization_units org,
    per_people_f people,
    pa_project_players player,
    pa_project_role_types roles,
    pa_project_statuses ps,
    fnd_lookups fnd
Where proj.carrying_out_organization_id = org.organization_id
and    proj.project_id                  = player.project_id
and    player.person_id                 = people.person_id
and    trunc(sysdate) between people.effective_start_date
        and people.effective_end_date
and    people.employee_number is not null
and    player.project_role_type         = roles.project_role_type
and    sysdate between player.start_date_active and
        nvl(player.end_date_active,sysdate+1)
and    ps.project_status_code = proj.project_status_code
and    fnd.lookup_type = 'YES_NO'
and    fnd.lookup_code = proj.public_sector_flag
```

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_DISTRIBUTION_RULES	DISTRIBUTION_RULE	DISTRIBUTION_RULE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

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# Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECT_ROLE_TYPES	PROJECT_ROLE_TYPE	PROJECT_ROLE_TYPE
PA_PROJECT_TYPES_ALL	PROJECT_TYPE	PROJECT_TYPE
PER_ALL_PEOPLE_F	PERSON_ID	MEMBER_PERSON_ID

# Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Project identifier
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Project name
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Project number
START_DATE	NULL	DATE	Project start date
COMPLETION_DATE	NULL	DATE	Project completion date
PROJECT_STATUS	NOT NULL	VARCHAR2(30)	Project status, such as Active or Closed
PROJECT_STATUS_CODE	NOT NULL	VARCHAR2(30)	Code that identifies the project status
PUBLIC_SECTOR_FLAG	NULL	VARCHAR2(4)	Flag that indicates if the project is public sector or private sector
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	Project type that classifies the project and defaults project information to project
DESCRIPTION	NULL	VARCHAR2(250)	Description of project
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of the organization managing the project work
ORGANIZATION_NAME	NOT NULL	VARCHAR2(30)	Name of the organization managing the project work
MEMBER_PERSON_ID	NULL	NUMBER(9)	Identifier of project member
MEMBER_NAME	NULL	VARCHAR2(80)	Full name of project member
DISTRIBUTION_RULE	NULL	VARCHAR2(20)	Distribution rule that specifies the direct project's revenue accrual and billing method
PROJECT_ROLE_TYPE	NULL	VARCHAR2(20)	Code that identifies the project role type. This column displays PROJECT MANAGER for the project manager role type
PROJECT_ROLE	NULL	VARCHAR2(30)	Role that project member has on project

## PA\_PROJ\_PEND\_PO\_DISTRIBUTIONS

PA\_PROJ\_PEND\_PO\_DISTRIBUTIONS shows project related unapproved, uninvoiced purchase order distributions.

### View Definition

```
CREATE VIEW PA_PROJ_PEND_PO_DISTRIBUTIONS
as SELECT
    POD.PO_NUMBER , POD.PO_REVISION , POD.RELEASE_NUMBER , POD.RELEASE_REVISION ,
    POD.DOCUMENT_TYPE , POD.CREATION_DATE , POD.APPROVED_DATE , POD.PRINTED_DATE ,
    POD.REQUESTOR_PERSON_ID , POD.REQUESTOR_NAME , POD.BUYER_PERSON_ID , POD.BUYER_NAME ,
    POD.VENDOR_NAME , POD.VENDOR_ID , POD.PO_LINE , POD.ITEM_DESCRIPTION , POD.UNIT ,
    POD.UNIT_PRICE , POD.QUANTITY_ORDERED , POD.AMOUNT_ORDERED , POD.ORIGINAL_QUANTITY_ORDERED ,
    POD.ORIGINAL_AMOUNT_ORDERED , POD.QUANTITY_CANCELLED , POD.AMOUNT_CANCELLED ,
    POD.QUANTITY_DELIVERED , POD.AMOUNT_DELIVERED , POD.QUANTITY_INVOICED , POD.AMOUNT_INVOICED ,
    POD.QUANTITY_OUTSTANDING_DELIVERY , POD.AMOUNT_OUTSTANDING_DELIVERY ,
    POD.QUANTITY_OUTSTANDING_INVOICE , POD.DENOM_CURRENCY_CODE ,
    POD.DENOM_AMT_OUTSTANDING_INVOICE , POD.ACCT_CURRENCY_CODE , POD.AMOUNT_OUTSTANDING_INVOICE ,
    POD.ACCT_RATE_DATE , POD.ACCT_RATE_TYPE , POD.ACCT_EXCHANGE_RATE , POD.QUANTITY_OVERBILLED ,
    POD.AMOUNT_OVERBILLED , POD.PROJECT_NUMBER , POD.PROJECT_NAME , POD.TASK_NUMBER ,
    POD.TASK_NAME , POD.EXPENDITURE_TYPE , POD.EXPENDITURE_CATEGORY , POD.REVENUE_CATEGORY ,
    POD.EXPENDITURE_ITEM_DATE , POD.EXPENDITURE_ORGANIZATION , POD.PO_HEADER_ID ,
    POD.PO_RELEASE_ID , POD.PO_LINE_ID , POD.PO_LINE_LOCATION_ID , POD.PO_DISTRIBUTION_ID ,
    POD.PROJECT_ID , POD.TASK_ID , POD.EXPENDITURE_ORGANIZATION_ID FROM PA_PROJ_PO_DISTRIBUTIONS
    POD
    Where POD.EVER_APPROVED_FLAG = 'N'
```

### Column Descriptions

Name	Null?	Type	Description
PO_NUMBER	NOT NULL	VARCHAR2(20)	Refer to base table.
PO_REVISION		NUMBER	Refer to base table.
RELEASE_NUMBER		NUMBER	Refer to base table.
RELEASE_REVISION		NUMBER	Refer to base table.
DOCUMENT_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
CREATION_DATE		DATE	Standard Who Column
APPROVED_DATE		DATE	Refer to base table.
PRINTED_DATE		DATE	Refer to base table.
REQUESTOR_PERSON_ID		NUMBER(10)	Refer to base table.
REQUESTOR_NAME		VARCHAR2(240)	Refer to base table.
BUYER_PERSON_ID	NOT NULL	NUMBER(10)	Refer to base table.
BUYER_NAME		VARCHAR2(240)	Refer to base table.
VENDOR_NAME		VARCHAR2(80)	Refer to base table.
VENDOR_ID		NUMBER	Refer to base table.
PO_LINE	NOT NULL	NUMBER	Refer to base table.
ITEM_DESCRIPTION		VARCHAR2(240)	Refer to base table.
UNIT		VARCHAR2(25)	Refer to base table.
UNIT_PRICE		NUMBER	Refer to base table.
QUANTITY_ORDERED		NUMBER	Refer to base table.
AMOUNT_ORDERED		NUMBER	Refer to base table.
ORIGINAL_QUANTITY_ORDERED	NOT NULL	NUMBER	Refer to base table.
ORIGINAL_AMOUNT_ORDERED		NUMBER	Refer to base table.
QUANTITY_CANCELLED		NUMBER	Refer to base table.
AMOUNT_CANCELLED		NUMBER	Refer to base table.

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QUANTITY_DELIVERED	NULL	NUMBER	Refer to base table.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
AMOUNT_DELIVERED	NULL	NUMBER	Refer to base table.
QUANTITY_INVOICED	NULL	NUMBER	Refer to base table.
AMOUNT_INVOICED	NULL	NUMBER	Refer to base table.
QUANTITY_OUTSTANDING_DELIVERY	NULL	NUMBER	Refer to base table.
AMOUNT_OUTSTANDING_DELIVERY	NULL	NUMBER	Refer to base table.
QUANTITY_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
DENOM_AMT_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
AMOUNT_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
ACCT_RATE_DATE	NULL	DATE	Refer to base table.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
ACCT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
QUANTITY_OVERBILLED	NULL	NUMBER	Refer to base table.
AMOUNT_OVERBILLED	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Refer to base table.
PO_HEADER_ID	NOT NULL	NUMBER	Refer to base table.
PO_RELEASE_ID	NULL	NUMBER	Refer to base table.
PO_LINE_ID	NOT NULL	NUMBER	Refer to base table.
PO_LINE_LOCATION_ID	NOT NULL	NUMBER	Refer to base table.
PO_DISTRIBUTION_ID	NOT NULL	NUMBER	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.

## PA\_PROJ\_PEND\_REQ\_DISTRIBUTIONS

PA\_PROJ\_PEND\_REQ\_DISTRIBUTIONS shows project related unapproved, unpurchased requisition distributions.

### View Definition

```
CREATE VIEW PA_PROJ_PEND_REQ_DISTRIBUTIONS
as SELECT
    PRD.REQ_NUMBER , PRD.DOCUMENT_TYPE , PRD.REQ_LINE , PRD.ITEM_DESCRIPTION ,
    PRD.NEED_BY_DATE , PRD.CREATION_DATE , PRD.VENDOR_NAME , PRD.VENDOR_ID ,
    PRD.REQUESTOR_PERSON_ID , PRD.REQUESTOR_NAME , PRD.UNIT , PRD.UNIT_PRICE , PRD.QUANTITY ,
    PRD.DENOM_CURRENCY_CODE , PRD.DENOM_AMOUNT , PRD.ACCT_CURRENCY_CODE , PRD.AMOUNT ,
    PRD.ACCT_RATE_DATE , PRD.ACCT_RATE_TYPE , PRD.ACCT_EXCHANGE_RATE , PRD.PROJECT_NUMBER ,
    PRD.PROJECT_NAME , PRD.TASK_NUMBER , PRD.TASK_NAME , PRD.EXPENDITURE_TYPE ,
    PRD.EXPENDITURE_CATEGORY , PRD.REVENUE_CATEGORY , PRD.EXPENDITURE_ITEM_DATE ,
    PRD.EXPENDITURE_ORGANIZATION , PRD.REQUISITION_HEADER_ID , PRD.REQUISITION_LINE_ID ,
    PRD.REQ_DISTRIBUTION_ID , PRD.PROJECT_ID , PRD.TASK_ID , PRD.EXPENDITURE_ORGANIZATION_ID FROM
    PA_PROJ_REQ_DISTRIBUTIONS PRD
    Where PRD.APPROVED_FLAG != 'Y'
```

### Column Descriptions

Name	Null?	Type	Description
REQ_NUMBER	NOT NULL	VARCHAR2(20)	Refer to base table.
DOCUMENT_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
REQ_LINE	NOT NULL	NUMBER	Refer to base table.
ITEM_DESCRIPTION	NOT NULL	VARCHAR2(240)	Refer to base table.
NEED_BY_DATE	NULL	DATE	Refer to base table.
CREATION_DATE	NULL	DATE	Standard Who Column
VENDOR_NAME	NULL	VARCHAR2(80)	Refer to base table.
VENDOR_ID	NULL	NUMBER	Refer to base table.
REQUESTOR_PERSON_ID	NOT NULL	NUMBER(10)	Refer to base table.
REQUESTOR_NAME	NULL	VARCHAR2(240)	Refer to base table.
UNIT	NULL	VARCHAR2(25)	Refer to base table.
UNIT_PRICE	NULL	NUMBER	Refer to base table.
QUANTITY	NOT NULL	NUMBER	Refer to base table.
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
DENOM_AMOUNT	NULL	NUMBER	Refer to base table.
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.
ACCT_RATE_DATE	NULL	DATE	Refer to base table.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
ACCT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Refer to base table.
REQUISITION_HEADER_ID	NOT NULL	NUMBER	Refer to base table.
REQUISITION_LINE_ID	NOT NULL	NUMBER	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
REQ_DISTRIBUTION_ID	NOT NULL	NUMBER	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.



## PA\_PROJ\_PO\_DISTRIBUTIONS

View for project-related uninvoiced purchase order distributions.

### View Definition

```
CREATE VIEW PA_PROJ_PO_DISTRIBUTIONS
as SELECT
    POH.SEGMENT1 , POH.REVISION_NUM , POR.RELEASE_NUM , POR.REVISION_NUM ,
    DECODE(POR.RELEASE_NUM,NULL,DECODE(POH.AUTHORIZATION_STATUS,
    'APPROVED','Y','N'),DECODE(POR.AUTHORIZATION_STATUS,'APPROVED','Y','N')) ,
    DECODE(POD.REQ_DISTRIBUTION_ID,NULL,DECODE(POR.RELEASE_NUM,NULL,
    DECODE(POH.APPROVED_DATE,NULL,'N','Y'),DECODE(POR.APPROVED_DATE, NULL,'N','Y')),'Y') ,
    PDT.TYPE_NAME , DECODE(POR.RELEASE_NUM,NULL,POH.CREATION_DATE,POR.CREATION_DATE) ,
    DECODE(POR.RELEASE_NUM,NULL,POH.APPROVED_DATE,POR.APPROVED_DATE) ,
    DECODE(POR.RELEASE_NUM,NULL,POH.PRINTED_DATE,POR.PRINTED_DATE) , REQ.PERSON_ID ,
    REQ.FULL_NAME , BUY.PERSON_ID , BUY.FULL_NAME , V.VENDOR_NAME , V.VENDOR_ID , POL.LINE_NUM ,
    POL.ITEM_DESCRIPTION , DECODE(LT.ORDER_TYPE_LOOKUP_CODE,'AMOUNT',NULL,
    POL.UNIT_MEAS_LOOKUP_CODE) , TO_NUMBER(DECODE(LT.ORDER_TYPE_LOOKUP_CODE,'AMOUNT',NULL,
    pa_multi_currency.convert_amount_sql(POH.CURRENCY_CODE, G.CURRENCY_CODE, POD.RATE_DATE,
    POH.RATE_TYPE, NVL(POD.RATE,1), PLL.PRICE_OVERRIDE )) , (POD.QUANTITY_ORDERED -
    NVL(POD.QUANTITY_CANCELLED,0)) , pa_multi_currency.convert_amount_sql(POH.CURRENCY_CODE,
    G.CURRENCY_CODE, POD.RATE_DATE, POH.RATE_TYPE, NVL(POD.RATE,1), (POD.QUANTITY_ORDERED -
    NVL(POD.QUANTITY_CANCELLED,0)) * ( PLL.PRICE_OVERRIDE )) , POD.QUANTITY_ORDERED ,
    pa_multi_currency.convert_amount_sql(POH.CURRENCY_CODE, G.CURRENCY_CODE, POD.RATE_DATE,
    POH.RATE_TYPE, NVL(POD.RATE,1), POD.QUANTITY_ORDERED * ( PLL.PRICE_OVERRIDE )) ,
    POD.QUANTITY_CANCELLED , pa_multi_currency.convert_amount_sql(POH.CURRENCY_CODE,
    G.CURRENCY_CODE, POD.RATE_DATE, POH.RATE_TYPE, NVL(POD.RATE,1), POD.QUANTITY_CANCELLED *(
    PLL.PRICE_OVERRIDE )) , POD.QUANTITY_DELIVERED , POD.QUANTITY_DELIVERED *( PLL.PRICE_OVERRIDE
    ) , pa_multi_currency.convert_amount_sql(POH.CURRENCY_CODE, G.CURRENCY_CODE, POD.RATE_DATE,
    POH.RATE_TYPE, NVL(POD.RATE,1), POD.QUANTITY_DELIVERED *( PLL.PRICE_OVERRIDE)) ,
    NVL(POD.QUANTITY_BILLED,0) , NVL(POD.AMOUNT_BILLED,0) , (POD.QU
    ANTITY_ORDERED-NVL(POD.QUANTITY_CANCELLED,0)-NVL(POD.QUANTITY_DELIVERED,0)) ,
    pa_multi_currency.convert_amount_sql(POH.CURRENCY_CODE, G.CURRENCY_CODE, POD.RATE_DATE,
    POH.RATE_TYPE, NVL(POD.RATE,1), (POD.QUANTITY_ORDERED-NVL(POD.QUANTITY_CANCELLED,0)
    -NVL(POD.QUANTITY_DELIVERED,0))*(PLL.PRICE_OVERRIDE)) ,
    GREATEST(0,(POD.QUANTITY_ORDERED-NVL(POD.QUANTITY_CANCELLED,0)-NVL(POD.QUANTITY_BILLED,0)))
    , POH.CURRENCY_CODE , GREATEST(0,(POD.QUANTITY_ORDERED-NVL(POD.QUANTITY_CANCELLED,0)
    -NVL(POD.QUANTITY_BILLED,0))) * ((PLL.PRICE_OVERRIDE) + (NVL(POD.NONRECOVERABLE_TAX,0) /
    POD.QUANTITY_ORDERED)) , G.CURRENCY_CODE ,
    pa_multi_currency.convert_amount_sql(POH.CURRENCY_CODE, G.CURRENCY_CODE, POD.RATE_DATE,
    POH.RATE_TYPE, NVL(POD.RATE,1),
    GREATEST(0,(POD.QUANTITY_ORDERED-NVL(POD.QUANTITY_CANCELLED,0)-NVL(POD.QUANTITY_BILLED,0)))
    * (PLL.PRICE_OVERRIDE + (NVL(POD.NONRECOVERABLE_TAX,0) / POD.QUANTITY_ORDERED))) ,
    decode(NVL(POH.CURRENCY_CODE,'-99'),NVL(G.CURRENCY_CODE,'-99'),TO_DATE(NULL),POD.RATE_DATE) ,
    decode(NVL(POH.CURRENCY_CODE,'-99'),NVL(G.CURRENCY_CODE,'-99'),NULL,POH.RATE_TYPE) ,
    decode(NVL(POH.CURRENCY_CODE,'-99'),NVL(G.CURRENCY_CODE,'-99'),TO_NUMBER(NULL),POD.RATE) ,
    GREATEST(0,-1*(POD.QUANTITY_ORDERED-NVL(POD.QUANTITY_CANCELLED,0)
    -NVL(POD.QUANTITY_BILLED,0))) ,
    GREATEST(0,-1*(POD.QUANTITY_ORDERED-NVL(POD.QUANTITY_CANCELLED,0)
    -NVL(POD.QUANTITY_BILLED,0)))*(PLL.PRICE_OVERRIDE*NVL(POD.RATE,1)) , P.SEGMENT1 , P.NAME ,
    T.TASK_NUMBER , T.TASK_NAME , POD.EXPENDITURE_TYPE , ET.EXPENDITURE_CATEGORY ,
    ET.REVENUE_CATEGORY_CODE , POD.EXPENDITURE_ITEM_DATE , O.NAME , POH.PO_HEADER_ID ,
    POR.PO_RELEASE_ID , POL.PO_LINE_ID , PLL.LINE_LOCATION_ID , POD.PO_DISTRIBUTION_ID ,
    P.PROJECT_ID , T.TASK_ID , O.ORGANIZATION_ID , PLL.PROMISED_DATE , PLL.NEED_BY_DATE FROM
    GL_SETS_OF_BOOKS G, PO_HEADERS_ALL POH, PO_RELEASES_ALL POR, PO_DOCUMENT_TYPES PDT,
```

```

PO_VENDORS V, PO_LINES_ALL POL, PO_LINE_TYPES LT, PO_LINE_LOCATIONS_ALL PLL, PER_
PEOPLE_F BUY, PER_PEOPLE_F REQ, HR_ORGANIZATION_UNITS O, PA_EXPENDITURE_TYPES ET,
PA_TASKS T, PO_DISTRIBUTIONS_ALL POD, PA_PROJECTS P
Where POH.VENDOR_ID = V.VENDOR_ID (+) AND POH.AGENT_ID = BUY.PERSON_ID AND TRUNC(SYSDATE)
BETWEEN BUY.EFFECTIVE_START_DATE AND BUY.EFFECTIVE_END_DATE AND POD.DELIVER_TO_PERSON_ID =
REQ.PERSON_ID(+) AND TRUNC(SYSDATE) BETWEEN NVL(REQ.EFFECTIVE_START_DATE,TRUNC(SYSDATE)) AND
NVL(REQ.EFFECTIVE_END_DATE,TRUNC(SYSDATE)) AND NVL(POH.CLOSED_CODE,'OPEN') NOT IN
('CLOSED','FINALLY_CLOSED') AND NVL(PLL.CLOSED_CODE,'OPEN') NOT IN ('CLOSED','FINALLY
CLOSED') AND PLL.SHIPMENT_TYPE IN ('STANDARD','BLANKET','SCHEDULED') AND POH.TYPE_LOOKUP_CODE
IN ('STANDARD','BLANKET','PLANNED') AND POH.TYPE_LOOKUP_CODE = PDT.DOCUMENT_SUBTYPE AND
PDT.DOCUMENT_TYPE_CODE IN ('PO','PA') AND PLL.PO_RELEASE_ID = POR.PO_RELEASE_ID(+) AND
NVL(POH.CANCEL_FLAG,'N') = 'N' AND
DECODE(POR.RELEASE_NUM,NULL,'OPEN',NVL(POR.CLOSED_CODE,'OPEN')) NOT IN ('CLOSED','FINALLY
CLOSED') AND DECODE(POR.RELEASE_NUM,NULL,'N',NVL(POR.CANCEL_FLAG,'N')) = 'N' AND
POL.PO_HEADER_ID = POH.PO_HEADER_ID AND POL.LINE_TYPE_ID = LT.LINE_TYPE_ID AND POL.PO_LINE_ID
= PLL.PO_LINE_ID AND PLL.LINE_LOCATION_ID = POD.LINE_LOCATION_ID AND POD.PROJECT_ID =
P.PROJECT_ID AND POD.TASK_ID = T.TASK_ID AND POD.EXPENDITURE_ORGANIZATION_ID =
O.ORGANIZATION_ID AND POD.EXPENDITURE_TYPE = ET.EXPENDITURE_TYPE AND G.SET_OF_BOOKS_ID =
POD.SET_OF_BOOKS_ID

```

#### Column Descriptions

Name	Null?	Type	Description
PO_NUMBER	NOT NULL	VARCHAR2(20)	Refer to base table.
PO_REVISION	NUL	NUMBER	Refer to base table.
RELEASE_NUMBER	NUL	NUMBER	Refer to base table.
RELEASE_REVISION	NUL	NUMBER	Refer to base table.
APPROVED_FLAG	NUL	VARCHAR2(1)	Refer to base table.
EVER_APPROVED_FLAG	NUL	VARCHAR2(1)	Refer to base table.
DOCUMENT_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
CREATION_DATE	NUL	DATE	Standard Who Column
APPROVED_DATE	NUL	DATE	Refer to base table.
PRINTED_DATE	NUL	DATE	Refer to base table.
REQUESTOR_PERSON_ID	NUL	NUMBER(10)	Refer to base table.
REQUESTOR_NAME	NUL	VARCHAR2(240)	Refer to base table.
BUYER_PERSON_ID	NOT NULL	NUMBER(10)	Refer to base table.
BUYER_NAME	NUL	VARCHAR2(240)	Refer to base table.
VENDOR_NAME	NUL	VARCHAR2(80)	Refer to base table.
VENDOR_ID	NUL	NUMBER	Refer to base table.
PO_LINE	NOT NULL	NUMBER	Refer to base table.
ITEM_DESCRIPTION	NUL	VARCHAR2(240)	Refer to base table.
UNIT	NUL	VARCHAR2(25)	Refer to base table.
UNIT_PRICE	NUL	NUMBER	Refer to base table.
QUANTITY_ORDERED	NUL	NUMBER	Refer to base table.
AMOUNT_ORDERED	NUL	NUMBER	Refer to base table.
ORIGINAL_QUANTITY_ORDERED	NOT NULL	NUMBER	Refer to base table.
ORIGINAL_AMOUNT_ORDERED	NUL	NUMBER	Refer to base table.
QUANTITY_CANCELLED	NUL	NUMBER	Refer to base table.
AMOUNT_CANCELLED	NUL	NUMBER	Refer to base table.
QUANTITY_DELIVERED	NUL	NUMBER	Refer to base table.
DENOM_AMOUNT_DELIVERED	NUL	NUMBER	Refer to base table.
AMOUNT_DELIVERED	NUL	NUMBER	Refer to base table.
QUANTITY_INVOICED	NUL	NUMBER	Refer to base table.
AMOUNT_INVOICED	NUL	NUMBER	Refer to base table.
QUANTITY_OUTSTANDING_DELIVERY	NUL	NUMBER	Refer to base table.
AMOUNT_OUTSTANDING_DELIVERY	NUL	NUMBER	Refer to base table.

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QUANTITY_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
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Column Descriptions (Continued)

Name	Null?	Type	Description
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
DENOM_AMT_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
AMOUNT_OUTSTANDING_INVOICE	NULL	NUMBER	Refer to base table.
ACCT_RATE_DATE	NULL	DATE	Refer to base table.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
ACCT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
QUANTITY_OVERBILLED	NULL	NUMBER	Refer to base table.
AMOUNT_OVERBILLED	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Refer to base table.
PO_HEADER_ID	NOT NULL	NUMBER	Refer to base table.
PO_RELEASE_ID	NULL	NUMBER	Refer to base table.
PO_LINE_ID	NOT NULL	NUMBER	Refer to base table.
PO_LINE_LOCATION_ID	NOT NULL	NUMBER	Refer to base table.
PO_DISTRIBUTION_ID	NOT NULL	NUMBER	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.
PROMISED_DATE	NULL	DATE	Promised delivery date for commitment.
NEED_BY_DATE	NULL	DATE	Date that commitment is needed by.

# PA\_PROJ\_RELEASED\_INVOICES\_VIEW

PA\_PROJ\_RELEASED\_INVOICES\_VIEW displays released project invoices. This view displays one record per project invoice.

You can easily use this view when reporting released invoices.

View Definition

```
CREATE VIEW PA_PROJ_RELEASED_INVOICES_VIEW
as SELECT
    inv.project_id
    , inv.draft_invoice_num
    , inv.ra_invoice_number
    , inv.bill_through_date
    , inv.invoice_date
    , inv.approved_date
    , inv.released_date
    , inv.creation_date
    , inv.gl_date
    , inv.gl_period
    , inv.invoice_comment
    , inv.transfer_rejection_reason
    , inv.customer_bill_split
    , inv.customer_id
    , inv.customer_number
    , inv.customer_name
    , inv.agreement_id
    , inv.agreement_num
    , inv.agreement_type
    , inv.total_invoice_amount
    , inv.retention_amount
    , inv.invoice_amount
    , inv.draft_invoice_num_credited
    , inv.transfer_status_code
    , inv.invoice_status
    , inv.payment_terms
    , inv.credit_invoice_type
    , inv.days_awaiting_approval
FROM PA_PROJ_INVOICES_VIEW INV
WHERE inv.released_date is not null
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	GL_PERIOD
PA_AGREEMENTS_ALL	AGREEMENT_ID	AGREEMENT_ID
PA_DRAFT_INVOICES_ALL	PROJECT_ID	PROJECT_ID
	DRAFT_INVOICE_NUM	DRAFT_INVOICE_NUM
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID

Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project

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Column Descriptions (Continued)

Name	Null?	Type	Description
DRAFT_INVOICE_NUM	NOT NULL	NUMBER(15)	Sequential number that identifies the draft invoice within a project
RA_INVOICE_NUMBER	NOT NULL	VARCHAR2(20)	Invoice number of the invoice in Oracle Receivables. This number is printed on the customer invoice
BILL_THROUGH_DATE	NULL	DATE	Date through which the draft invoice is billed. Expenditure items with an expenditure item date on or before the bill through date are included on the invoice
INVOICE_DATE	NOT NULL	DATE	Invoice date of the released invoice; this date is printed on the customer invoice
APPROVED_DATE	NOT NULL	DATE	Date that the draft invoice was approved
RELEASED_DATE	NOT NULL	DATE	Date on which the draft invoice was released
CREATION_DATE	NOT NULL	DATE	Standard Who Column
GL_DATE	NULL	DATE	Date within the GL period in which the invoice is posted. This value is blank if the invoice has not been transferred to Oracle Receivables
GL_PERIOD	NULL	VARCHAR2(15)	GL period in which the invoice is posted. This value is blank if the invoice has not been transferred to Oracle Receivables
INVOICE_COMMENT	NULL	VARCHAR2(250)	Free text comments that can be printed on an invoice
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	Reason why the draft invoice was rejected by the Transfer Invoices program or rejected by Oracle Receivables AutoInvoice program
CUSTOMER_BILL_SPLIT	NULL	NUMBER(15)	Percentage of the total project invoice amount that the customer is billed on the draft invoice
CUSTOMER_ID	NOT NULL	NUMBER(15)	Identifier of the customer billed by the project invoice and which authorized the agreement that is funded the project invoice
CUSTOMER_NUMBER	NOT NULL	VARCHAR2(30)	Number of the customer billed by the project invoice
CUSTOMER_NAME	NOT NULL	VARCHAR2(80)	Name of the customer billed by the project invoice
AGREEMENT_ID	NOT NULL	NUMBER(15)	Identifier of the customer agreement that funds the invoice
AGREEMENT_NUM	NOT NULL	VARCHAR2(20)	Number of the customer agreement that funds the invoice
AGREEMENT_TYPE	NOT NULL	VARCHAR2(30)	Type of agreement that funds the invoice
TOTAL_INVOICE_AMOUNT	NOT NULL	NUMBER	Total amount of the invoice, excluding retentions

Column Descriptions (Continued)

Name	Null?	Type	Description
RETENTION_AMOUNT	NOT NULL	NUMBER	Invoice retention amount. The retention amount is reported as a positive amount
INVOICE_AMOUNT	NOT NULL	NUMBER	Net invoice amount, which includes retentions. Invoice Amount = Total Invoice Amount - Retentions
DRAFT_INVOICE_NUM_CREDITED	NULL	NUMBER(15)	Draft invoice number that is credited by this draft invoice. The crediting invoice may be a credit memo or invoice write-off
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of the invoice as it is transferred to Oracle Receivables
INVOICE_STATUS	NOT NULL	VARCHAR2(30)	Status of the invoice as it is reviewed, approved, and released in Oracle Projects and then transferred in Oracle Receivables
PAYMENT_TERMS	NOT NULL	VARCHAR2(30)	Terms of the agreement by which the invoice is collected
CREDIT_INVOICE_TYPE	NULL	VARCHAR2(30)	Type of crediting invoice for a crediting invoice. Values may be blank (for non-crediting invoice), CANCEL, WRITE-OFF, or CREDIT MEMO
DAYS_AWAITING_APPROVAL	NULL	NUMBER(15)	Number of days between invoice creation date and current date if the invoice is unapproved, or the number of days since approval date and current date if the invoice is approved and not released. Blank if invoice is released

## PA\_PROJ\_REQ\_DISTRIBUTIONS

View that displays project-related distributions in Oracle Purchasing that have not yet been purchased as a purchase order.

### View Definition

```
CREATE VIEW PA_PROJ_REQ_DISTRIBUTIONS
as SELECT
    RH.SEGMENT1 , PDT.TYPE_NAME , DECODE(NVL(RH.AUTHORIZATION_STATUS,'NOT
APPROVED'),'APPROVED','Y', 'N') , RL.LINE_NUM , RL.ITEM_DESCRIPTION , RL.NEED_BY_DATE ,
RL.CREATION_DATE , RL.SUGGESTED_VENDOR_NAME , RL.VENDOR_ID , REQ.PERSON_ID , REQ.FULL_NAME ,
NVL(RL.CURRENCY_CODE,G.CURRENCY_CODE) ,
NVL(RL.CURRENCY_UNIT_PRICE,RL.UNIT_PRICE)*RD.REQ_LINE_QUANTITY +
pa_multi_currency.convert_amount_sql(G.CURRENCY_CODE, NVL(RL.CURRENCY_CODE,G.CURRENCY_CODE) ,
RL.RATE_DATE , RL.RATE_TYPE, NVL(RL.RATE,1) , NVL(RD.NONRECOVERABLE_TAX,0)) , G.CURRENCY_CODE ,
decode(NVL(RL.CURRENCY_CODE,'-99') ,NVL(G.CURRENCY_CODE,'-99') ,TO_DATE(NULL) ,RL.RATE_DATE) ,
decode(NVL(RL.CURRENCY_CODE,'-99') ,NVL(G.CURRENCY_CODE,'-99') ,NULL,RL.RATE_TYPE) ,
decode(NVL(RL.CURRENCY_CODE,'-99') ,NVL(G.CURRENCY_CODE,'-99') ,TO_NUMBER(NULL) ,RL.RATE) ,
DECODE(LT.ORDER_TYPE_LOOKUP_CODE,'AMOUNT',NULL, RL.UNIT_MEAS_LOOKUP_CODE) ,
TO_NUMBER(DECODE(LT.ORDER_TYPE_LOOKUP_CODE,'AMOUNT',NULL, RL.UNIT_PRICE)) ,
RD.REQ_LINE_QUANTITY , (RD.REQ_LINE_QUANTITY * RL.UNIT_PRICE) + NVL(RD.NONRECOVERABLE_TAX,0)
, P.SEGMENT1 , P.NAME , T.TASK_NUMBER , T.TASK_NAME , RD.EXPENDITURE_TYPE ,
ET.EXPENDITURE_CATEGORY , ET.REVENUE_CATEGORY_CODE , RD.EXPENDITURE_ITEM_DATE , O.NAME ,
RH.REQUISITION_HEADER_ID , RL.REQUISITION_LINE_ID , RD.DISTRIBUTION_ID , P.PROJECT_ID ,
T.TASK_ID , O.ORGANIZATION_ID FROM GL_SETS_OF_BOOKS G, PER_PEOPLE_F REQ, PO_DOCUMENT_TYPES
PDT, PO_LINE_TYPES LT, PO_REQUISITION_LINES_ALL RL, PO_REQUISITION_HEADERS_ALL RH, PA_TASKS
T, HR_ORGANIZATION_UNITS O, PA_EXPENDITURE_TYPES ET, PO_REQ_DISTRIBUTIONS_ALL RD, PA_PROJECTS
P
    Where RH.REQUISITION_HEADER_ID = RL.REQUISITION_HEADER_ID AND RH.TYPE_LOOKUP_CODE =
'PURCHASE' AND PDT.DOCUMENT_TYPE_CODE = 'REQUISITION' AND RH.TYPE_LOOKUP_CODE =
PDT.DOCUMENT_SUBTYPE AND RL.LINE_LOCATION_ID IS NULL AND NVL(RL.CLOSED_CODE,'OPEN') <>
'FINALLY CLOSED' AND NVL(RL.CANCEL_FLAG,'N') = 'N' AND NVL(RL.MODIFIED_BY_AGENT_FLAG,'N') =
'N' AND RL.SOURCE_TYPE_CODE = 'VENDOR' AND REQ.PERSON_ID = RL.TO_PERSON_ID AND TRUNC(SYSDATE)
BETWEEN NVL(REQ.EFFECTIVE_START_DATE,TRUNC(SYSDATE)) AND
NVL(REQ.EFFECTIVE_END_DATE,TRUNC(SYSDATE)) AND RL.LINE_TYPE_ID = LT.LINE_TYPE_ID AND
RD.REQUISITION_LINE_ID = RL.REQUISITION_LINE_ID AND RD.PROJECT_ID = P.PROJECT_ID AND
RD.TASK_ID = T.TASK_ID AND RD.EXPENDITURE_ORGANIZATION_ID = O.ORGANIZATION_ID AND
RD.EXPENDITURE_TYPE = ET.EXPENDITURE_TYPE AND G.SET_OF_BOOKS_ID = RD.SET_OF_BOOKS_ID
```

### Column Descriptions

Name	Null?	Type	Description
REQ_NUMBER	NOT NULL	VARCHAR2(20)	Refer to base table.
DOCUMENT_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
APPROVED_FLAG		NULL VARCHAR2(1)	Refer to base table.
REQ_LINE	NOT NULL	NUMBER	Refer to base table.
ITEM_DESCRIPTION	NOT NULL	VARCHAR2(240)	Refer to base table.
NEED_BY_DATE		NULL DATE	Refer to base table.
CREATION_DATE		NULL DATE	Standard Who Column
VENDOR_NAME		NULL VARCHAR2(80)	Refer to base table.
VENDOR_ID		NULL NUMBER	Refer to base table.
REQUESTOR_PERSON_ID	NOT NULL	NUMBER(10)	Refer to base table.
REQUESTOR_NAME		NULL VARCHAR2(240)	Refer to base table.
DENOM_CURRENCY_CODE		NULL VARCHAR2(15)	Refer to base table.

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DENOM\_AMOUNT

NULL NUMBER

Refer to base table.

*Column Descriptions (Continued)*

Name	Null?	Type	Description
ACCT_CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Refer to base table.
ACCT_RATE_DATE	NULL	DATE	Refer to base table.
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
ACCT_EXCHANGE_RATE	NULL	NUMBER	Refer to base table.
UNIT	NULL	VARCHAR2(25)	Refer to base table.
UNIT_PRICE	NULL	NUMBER	Refer to base table.
QUANTITY	NOT NULL	NUMBER	Refer to base table.
AMOUNT	NULL	NUMBER	Refer to base table.
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
REVENUE_CATEGORY	NOT NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NULL	DATE	Refer to base table.
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Refer to base table.
REQUISITION_HEADER_ID	NOT NULL	NUMBER	Refer to base table.
REQUISITION_LINE_ID	NOT NULL	NUMBER	Refer to base table.
REQ_DISTRIBUTION_ID	NOT NULL	NUMBER	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.



---

## PA\_PROJ\_REVENUE\_VIEW

PA\_PROJ\_REVENUE\_VIEW is a view of the draft revenue information for a project that can be used for management reporting and online queries. The view displays one record per project revenue.

For optimum performance in your reports and online queries, always include PROJECT\_ID in your selection criteria.

### View Definition

```
CREATE VIEW PA_PROJ_REVENUE_VIEW
as SELECT
    p.project_id,
    p.segment1,
    dr.draft_revenue_num,
    dr.released_date,
    dr.creation_date,
    dr.gl_date,
    decode(dr.gl_date,null,null,gl_per.period_name),
    dr.pa_date,
    dr.transfer_rejection_reason,
    pa_per.period_name,
    sum(dri.amount) amount,
    dr.draft_revenue_num_credited,
    dr.transfer_status_code,
    lk.meaning
FROM
    pa_periods pa_per,
    pa_implementations imp,
    gl_period_statuses gl_per,
    pa_lookups lk,
    pa_draft_revenue_items dri,
    pa_draft_revenues dr,
    pa_projects p
Where dri.project_id = dr.project_id
and dri.draft_revenue_num = dr.draft_revenue_num
and dr.project_id = p.project_id
and gl_per.set_of_books_id = imp.set_of_books_id
and gl_per.application_id = decode(dri.project_id,NULL,101,101)
and gl_per.adjustment_period_flag = 'N'
and nvl(dr.gl_date,trunc(sysdate)) between gl_per.start_date
                                and gl_per.end_date
and dr.pa_date between pa_per.start_date and pa_per.end_date
and lk.lookup_type =decode(dri.project_id, NULL, 'INVOICE/REVENUE S
TATUS',
                                'INVOICE/REVENUE STATUS')
and lk.lookup_code =
    decode(dr.generation_error_flag, 'Y', 'GENERATION ERROR',
    decode(dr.released_date, 'NULL','UNRELEASED',
    decode(dr.transfer_status_code,
        'P', 'RELEASED',
        'X', 'REJECTED IN TRANSFER',
        'T', 'TRANSFERRED',
        'A', 'ACCEPTED',
        'R', 'REJECTED'
```

```

        )
    )
group by p.project_id,
        p.segment1,
        dr.draft_revenue_num,
        dr.released_date,
        dr.creation_date,
        dr.gl_date,
        decode(dr.gl_date,null,null,gl_per.period_name),
        dr.pa_date,
        dr.transfer_rejection_reason,
        pa_per.period_name,
        dr.draft_revenue_num_credited,
        dr.transfer_status_code,
        lk.meaning

```

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_NAME	GL_PERIOD
PA_DRAFT_REVENUES_ALL	PROJECT_ID DRAFT_REVENUE_NUM	PROJECT_ID DRAFT_REVENUE_NUM
PA_PERIODS_ALL	PERIOD_NAME	PA_PERIOD

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER(15)	Identifier of the project
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Project number
DRAFT_REVENUE_NUM	NOT NULL	NUMBER	Sequential number that identifies the draft revenue within a project
RELEASED_DATE	NULL	DATE	Date on which the draft revenue was released
CREATION_DATE	NOT NULL	DATE	Standard Who Column
GL_DATE	NULL	DATE	Date within the GL period in which the revenue is posted. This value is blank if the revenue is not yet transferred to Oracle General Ledger
GL_PERIOD	NULL	VARCHAR2(15)	GL period in which the revenue is posted. This value is blank if the revenue is not yet transferred to Oracle General Ledger
PA_DATE	NULL	DATE	Date within the PA period in which the revenue is accounted for.
TRANSFER_REJECTION_REASON	NULL	VARCHAR2(250)	Reason why the draft revenue was rejected by the Transfer Revenue program or rejected by Oracle General Ledger's Journal Import program
PA_PERIOD	NULL	VARCHAR2(20)	PA period in which the revenue is accounted for
AMOUNT	NULL	NUMBER	Total revenue amount of the draft revenue
DRAFT_REVENUE_NUM_CREDITED	NULL	NUMBER	Draft revenue number that is credited by this draft revenue

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Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSFER_STATUS_CODE	NOT NULL	VARCHAR2(1)	Status of the revenue as it is transferred to Oracle General Ledger
REVENUE_STATUS	NULL	VARCHAR2(30)	Status of the revenue as it is reviewed and released in Oracle Projects and then transferred to Oracle General Ledger

# PA\_PROJ\_TRANSFERS\_VIEW

PA\_PROJ\_TRANSFERS\_VIEW displays transferred expenditure items, including the original and destination project and task of the transfer. You can easily use this view to report transfers between projects.

## View Definition

```
CREATE VIEW PA_PROJ_TRANSFERS_VIEW
as SELECT
    pl.project_id, pl.segment1, pl.name, t1.task_id, t1.task_number, t1.task_name,
    ei.expenditure_item_id, p2.project_id, p2.segment1, p2.name, t2.task_id, t2.task_name,
    t2.task_number, ei.transferred_from_exp_item_id, e.incurred_by_person_id,
    per.employee_number, per.full_name, e.incurred_by_organization_id, orgtl.name,
    ei.expenditure_type, ei.expenditure_item_date, ei.quantity, lk.meaning, ei.raw_cost,
    ei.burden_cost, nvl(ei.adjusted_revenue,ei.raw_revenue), ei.accrued_revenue ,
    ei.denom_currency_code , ei.denom_raw_cost , ei.denom_burdened_cost , ei.acct_currency_code ,
    ei.acct_rate_date , ei.acct_rate_type , ei.acct_exchange_rate , ei.acct_raw_cost ,
    ei.acct_burdened_cost , ei.project_currency_code , ei.project_rate_date ,
    ei.project_rate_type , ei.project_exchange_rate FROM pa_projects pl, pa_tasks t1,
    pa_expenditure_items_all ei, pa_expenditures_all e, pa_expenditure_types et, pa_lookups lk,
    pa_expenditure_items_all ei2, pa_tasks t2, pa_projects_all p2, hr_org_units_no_join org,
    hr_all_organization_units_t1 orgtl, per_people_f per
    Where pl.project_id = t1.project_id AND t1.task_id = ei.task_id AND ei.expenditure_id =
    e.expenditure_id AND ei.expenditure_type = et.expenditure_type AND e.incurred_by_person_id =
    per.person_id (+) AND trunc(sysdate) between per.effective_start_date (+) and
    per.effective_end_date (+) AND per.employee_number (+) is not null AND
    e.incurred_by_organization_id = org.organization_id (+) AND org.organization_id =
    orgtl.organization_id(+) AND decode(orgtl.organization_id,null,'1',orgtl.language) =
    decode(orgtl.organization_id,null,'1',USERENV('LANG')) and ei.transferred_from_exp_item_id =
    ei2.expenditure_item_id AND ei2.task_id = t2.task_id AND t2.project_id = p2.project_id AND
    et.unit_of_measure = lk.lookup_code AND lk.lookup_type = 'UNIT'
```

## Column Descriptions

Name	Null?	Type	Description
TO_PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project that the item was transferred to
TO_PROJECT_NUM	NOT NULL	VARCHAR2(25)	Number of the project that the item was transferred to
TO_PROJECT_NAME	NOT NULL	VARCHAR2(30)	Name of the project that the item was transferred to
TO_TASK_ID	NOT NULL	NUMBER(15)	Identifier of the lowest level task that the item was transferred to
TO_TASK_NUMBER	NOT NULL	VARCHAR2(25)	Number of the lowest level task that the item was transferred to
TO_TASK_NAME	NOT NULL	VARCHAR2(20)	Name of the lowest level task that the item was transferred to
TO_EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Identifier of the new expenditure item charged to the new project resulting from the transfer

Column Descriptions (Continued)

Name	Null?	Type	Description
FROM_PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project that the item was transferred from
FROM_PROJECT_NUM	NOT NULL	VARCHAR2(25)	Number of the project that the item was transferred from
FROM_PROJECT_NAME	NOT NULL	VARCHAR2(30)	Name of the project that the item was transferred from
FROM_TASK_ID	NOT NULL	NUMBER(15)	Identifier of the lowest level task that the item was transferred from
FROM_TASK_NAME	NOT NULL	VARCHAR2(20)	Name of the lowest level task that the item was transferred from
FROM_TASK_NUMBER	NOT NULL	VARCHAR2(25)	Number of the lowest level task that the item was transferred from
TRANSFERRED_FROM_EXP_ITEM_ID	NULL	NUMBER(15)	Identifier of the original expenditure item that was transferred from the original project and task to a new project and task
INCURRED_BY_PERSON_ID	NULL	NUMBER(9)	Identifier of the employee incurring the charge
INCURRED_BY_EMPLOYEE_NUM	NULL	VARCHAR2(30)	Number of the employee incurring the charge
INCURRED_BY_NAME	NULL	VARCHAR2(240)	Full name of the employee incurring the charge
ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization incurring the charge
ORGANIZATION_NAME	NULL	VARCHAR2(60)	Name of the organization incurring the charge
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the expenditure item
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Expenditure item date
QUANTITY	NULL	NUMBER(22,5)	Quantity of units of work performed
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(80)	Unit of measure of the expenditure type
RAW_COST	NULL	NUMBER(22,5)	Total raw cost of the expenditure item in project currency. Also referred to as direct cost
BURDEN_COST	NULL	NUMBER(22,5)	Total burdened cost of the expenditure item in project currency. BURDENED COST = RAW COST + BURDEN
POTENTIAL_REVENUE	NULL	NUMBER	Potential revenue of the item
ACCRUED_REVENUE	NULL	NUMBER(22,5)	Total accrued revenue of the item. This amount is different from the potential revenue if the project hit a hard funding limit
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency code
DENOM_RAW_COST	NULL	NUMBER	Raw cost in transaction currency
DENOM_BURDENED_COST	NULL	NUMBER	Burdened cost in transaction currency
ACCT_CURRENCY_CODE	NULL	VARCHAR2(15)	Functional currency code
ACCT_RATE_DATE	NULL	DATE	Conversion date used to convert raw cost in transaction currency to functional currency

Column Descriptions (Continued)

Name	Null?	Type	Description
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion type used to convert raw cost in transaction currency to functional currency
ACCT_EXCHANGE_RATE	NULL	NUMBER	Conversion rate used to convert raw cost in transaction currency to functional currency
ACCT_RAW_COST	NULL	NUMBER	Raw cost in functional currency
ACCT_BURDENED_COST	NULL	NUMBER	Burdened cost in functional currency
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project currency code
PROJECT_RATE_DATE	NULL	DATE	Conversion date used to convert raw cost in transaction currency to project currency
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Conversion type used to convert raw cost in transaction currency to project currency
PROJECT_EXCHANGE_RATE	NULL	NUMBER	Conversion rate used to convert raw cost in transaction currency to project currency

## PA\_PROJ\_TYPE\_DISTRIBUTIONS\_ALL

PA\_PROJ\_TYPE\_DISTRIBUTIONS\_ALL stores the distribution rules that you associate with each project type during implementation. When a project is defined with a given project type, the only valid distribution rules that can be assigned to the project are the ones listed in this table for that project type.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_DISTRIBUTION_RULES	DISTRIBUTION_RULE	DISTRIBUTION_RULE
PA_PROJECT_TYPES_ALL	PROJECT_TYPE ORG_ID	PROJECT_TYPE ORG_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_TYPE (PK)	NOT NULL	VARCHAR2(20)	The project type that is assigned the distribution rule
DISTRIBUTION_RULE (PK)	NOT NULL	VARCHAR2(20)	The distribution rule that is assigned to the project type
DEFAULT_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates the default distribution rule for this project type. Each project type can have one default distribution rule
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
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PROJECT_TYPE_DISTS_U1	UNIQUE	1	PROJECT_TYPE
		2	DISTRIBUTION_RULE
		4	ORG_ID

## PA\_PROJ\_UNBILLED\_BASE\_VIEW

PA\_PROJ\_UNBILLED\_BASE\_VIEW is a base view that shows summary unbilled amounts for a project. A base view is a view upon which other views are built. We recommend that you do not use base views for reporting and online query; instead, you can more easily use the less complex views which are built upon the base views.

PA\_PROJ\_UNBILLED\_BASE\_VIEW is a union of unbilled and on hold bill amounts of unbilled expenditure items and unbilled events.

You can use the PA\_PROJ\_UNBILLED\_SUMMARY\_VIEW view which is built upon this view to report unbilled summary amounts for a project.

### *View Definition*

```
CREATE VIEW PA_PROJ_UNBILLED_BASE_VIEW
as SELECT
    t.project_id
    , sum(nvl(ei.bill_amount,0))
    , count(ei.expenditure_item_id)
    , sum(decode(ei.bill_hold_flag,'Y',ei.bill_amount,0))
    , sum(decode(ei.bill_hold_flag,'Y',1,0))
    , sum(decode(ei.bill_hold_flag,'O',1,0))
    , sum(decode(ei.bill_hold_flag,'O',ei.bill_amount,0))
    ,0
FROM
    pa_tasks t,
    pa_expenditure_items_all ei
WHERE   t.task_id = ei.task_id
AND     ei.billable_flag = 'Y'
AND     NOT EXISTS
        (SELECT 'Invoiced'
         FROM pa_cust_rev_dist_lines_all rdl,
              pa_draft_invoice_items inv
         WHERE rdl.expenditure_item_id = ei.expenditure_item_id
              AND rdl.project_id = inv.project_id
              AND rdl.draft_invoice_num = inv.draft_invoice_num
              AND rdl.draft_invoice_item_line_num = inv.line_num
              AND inv.invoice_line_type != 'NET ZERO ADJUSTMENT')
GROUP BY t.project_id
UNION
SELECT
    ev.project_id
    ,0
    ,0
    ,0
    ,0
    ,0
    ,0
    ,sum(nvl(ev.bill_amount,0))
FROM PA_EVENTS EV
WHERE ev.bill_amount != 0
AND   NOT EXISTS (
```

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```

SELECT 'Invoiced'
FROM pa_draft_invoice_items item
WHERE item.project_id = ev.project_id
AND    nvl(item.event_task_id, 0) = nvl(ev.task_id, 0)
AND    item.event_num = ev.event_num)
GROUP BY ev.project_id

```

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project
UNBILLED_ITEM_AMOUNT	NULL	NUMBER	Total bill amount of billable expenditure items that are not billed
UNBILLED_ITEM_QUANTITY	NULL	NUMBER	Total number of billable expenditure items that are not billed
ON_HOLD_AMOUNT	NULL	NUMBER	Total bill amount of billable expenditure items that are not billed and are on permanent billing hold
ON_HOLD_QUANTITY	NULL	NUMBER	Total number of billable expenditure items that are not billed and are on permanent billing hold
ONE_TIME_HOLD_AMOUNT	NULL	NUMBER	Total bill amount of billable expenditure items that are not billed and are on one-time billing hold
ONE_TIME_HOLD_QUANTITY	NULL	NUMBER	Total number of billable expenditure items that are not billed and are on one-time billing hold
UNBILLED_EVENT_AMOUNT	NULL	NUMBER	Total bill amount of billing events that are not billed

# PA\_PROJ\_UNBILLED\_EXPEND\_VIEW

PA\_PROJ\_UNBILLED\_EXPEND\_VIEW displays billable expenditure items that are unbilled. You can review the unbilled expenditure items for your projects using this view.

### View Definition

```
CREATE VIEW PA_PROJ_UNBILLED_EXPEND_VIEW
as SELECT
    exp.project_id
    , exp.on_hold_flag
    , exp.employee_vendor_name
    , exp.employee_vendor_num
    , exp.incurred_by_organization_id
    , exp.override_to_organization_id
    , exp.incurred_by_organization_name
    , exp.job_resource_org_name
    , exp.expenditure_type
    , exp.task_number
    , exp.expenditure_item_date
    , exp.quantity
    , exp.unit_of_measure
    , exp.bill_rate
    , exp.bill_amount
FROM PA_PROJ_EXPEND_VIEW EXP
WHERE NOT EXISTS (
    SELECT 'Invoiced'
    FROM pa_cust_rev_dist_lines rdl, pa_draft_invoice_items item
    WHERE rdl.expenditure_item_id = exp.expenditure_item_id
    AND rdl.project_id = item.project_id
    AND rdl.draft_invoice_num = item.draft_invoice_num
    AND rdl.draft_invoice_item_line_num = item.line_num
    AND item.invoice_line_type != 'NET ZERO ADJUSTMENT')
AND exp.billable_flag = 'Y'
```

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project charged
ON_HOLD_FLAG	NOT NULL	VARCHAR2(4)	Indicator if the expenditure item is on hold. Values are Yes, No, or Once.
EMPLOYEE_VENDOR_NAME	NULL	VARCHAR2(80)	Name of the employee or the supplier. This value is the supplier forsupplier invoice items, and the employee for labor, expense report, and usage items

Column Descriptions (Continued)

Name	Null?	Type	Description
EMPLOYEE_VENDOR_NUM	NULL	NUMBER(30)	Number of the employee or the supplier. This value is the supplier number of supplier invoice items and employee number for labor, expense report, and usage items
INCURRED_BY_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier of the organization incurring the expenditure item
OVERRIDE_TO_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier of the destination organization resulting from cost distribution overrides for labor, expense report, and usage items. For supplier invoice items, this is the expenditure organization as entered in Payables
ORGANIZATION_NAME	NULL	VARCHAR2(30)	Name of the organization incurring the expenditure item. This column displays the override_to_organization if specified, else displays the incurred by organization as entered on the expenditure
JOB_RESOURCE_ORG_NAME	NULL	VARCHAR2(80)	Job billing title for labor and expense report items, blank for supplier invoice items, and non-labor resource concatenated with resource organization name for usage items
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type of the expenditure item
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Number of lowest level task incurring the charge
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Expenditure item date
QUANTITY	NOT NULL	NUMBER	Quantity of units of work performed
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(30)	Unit of measure of the expenditure type
BILL_RATE	NULL	NUMBER	Bill rate of the expenditure item. This column is not populated if (1) a markup percentage or labor multiplier was used to calculate T&M revenue or (2) if revenue is accrued under a Cost/Cost or Cost/Event distribution rule
BILL_AMOUNT	NULL	NUMBER	Amount to be billed for the expenditure item

# PA\_PROJ\_UNBILLED\_SUMMARY\_VIEW

PA\_PROJ\_UNBILLED\_SUMMARY\_VIEW shows summary unbilled amounts for a project. These amounts include items that are unbilled, items on hold, and events that are unbilled.

You can easily review the unbilled summary status of your project using this view.

### View Definition

```
CREATE VIEW PA_PROJ_UNBILLED_SUMMARY_VIEW
as SELECT
    project_id
    ,sum(unbilled_item_amount)
    ,sum(unbilled_item_quantity)
    ,sum(on_hold_amount)
    ,sum(on_hold_quantity)
    ,sum(one_time_hold_amount)
    ,sum(one_time_hold_quantity)
    ,sum(unbilled_event_amount)
FROM PA_PROJ_UNBILLED_BASE_VIEW
group by project_id
```

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of the project
UNBILLED_ITEM_AMOUNT	NULL	NUMBER	Total bill amount of billable expenditure items that are not billed
UNBILLED_ITEM_QUANTITY	NULL	NUMBER	Total number of billable expenditure items that are not billed
ON_HOLD_AMOUNT	NULL	NUMBER	Total bill amount of billable expenditure items that are not billed and are on permanent billing hold
ON_HOLD_QUANTITY	NULL	NUMBER	Total number of billable expenditure items that are not billed and are on permanent billing hold
ONE_TIME_HOLD_AMOUNT	NULL	NUMBER	Total bill amount of billable expenditure items that are not billed and are on one-time billing hold
ONE_TIME_HOLD_QUANTITY	NULL	NUMBER	Total number of billable expenditure items that are not billed and are on one-time billing hold
UNBILLED_EVENT_AMOUNT	NULL	NUMBER	Total bill amount of billing events that are not billed

## PA\_PROJ\_WBS\_VIEW

PA\_PROJ\_WBS\_VIEW displays project tasks as part of the project work breakdown structure. The task name and numbers are indented to illustrate the task level and position in the work breakdown structure.

The view also displays basic task information, including task start and completion dates, task description, and the task manager.

### View Definition

```
CREATE VIEW PA_PROJ_WBS_VIEW
as SELECT
    p.project_id
  ,p.segment1
  ,p.name
  ,t.task_id
  ,t.task_number
  ,t.task_name
  ,lpad(' ',2 * (wbs_level - 1))||t.task_number
  ,lpad(' ',2 * (wbs_level - 1))||t.task_name
  ,t.parent_task_id
  ,t.description
  ,t.wbs_level
  ,t.start_date
  ,t.completion_date
  ,t.task_manager_person_id
  ,per.full_name
FROM PA_PROJECTS P
  , PA_TASKS T
  , PER_ALL_PEOPLE_F PER
Where WHERE p.project_id = t.project_id
AND t.task_manager_person_id = per.person_id (+)
AND trunc(sysdate) BETWEEN per.effective_start_date (+)
AND per.effective_end_date (+)
AND per.employee_number (+) is not null
```

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	TASK_MANAGER_PERSON_ID

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	Project identifier
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Project number
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Project name
TASK_ID	NOT NULL	NUMBER(15)	Task identifier
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Task number
TASK_NAME	NOT NULL	VARCHAR2(20)	Task name

Column Descriptions (Continued)

Name	Null?	Type	Description
INDENTED_TASK_NUMBER	NOT NULL	VARCHAR2(60)	Task number indented based on the level in the work breakdown structure
INDENTED_TASK_NAME	NOT NULL	VARCHAR2(50)	Identified task name based on the level in the work breakdown structure
PARENT_TASK_ID	NOT NULL	NUMBER	Identifier of the task that is the parent of the task in the work breakdown structure
DESCRIPTION	NULL	VARCHAR2(250)	Description of the task
WBS_LEVEL	NULL	NUMBER	WBS level of the task in the work breakdown structure
TASK_START_DATE	NULL	DATE	Task start date
TASK_COMPLETION_DATE	NULL	DATE	Task completion date
TASK_MANAGER_PERSON_ID	NULL	NUMBER(9)	Identifier of the employee that manages the task
TASK_MANAGER_NAME	NULL	VARCHAR2(80)	Full name of the employee that manages the task

## PA\_PTE\_DESCRIPTIVE\_FLEXS

PA\_PTE\_DESCRIPTIVE\_FLEXS is a temporary holding table used to download descriptive flexfields to Oracle Personal Time and Expense.

### Column Descriptions

Name	Null?	Type	Description
DOWNLOAD_ID	NOT NULL	NUMBER	
APPLICATION_SHORT_NAME	NOT NULL	VARCHAR2(50)	
DESCRIPTIVE_FLEXFIELD_NAME	NOT NULL	VARCHAR2(40)	
APPLICATION_ID	NOT NULL	NUMBER(10)	
TITLE	NOT NULL	VARCHAR2(40)	
DEFAULT_CONTEXT_FIELD_NAME	NULL	VARCHAR2(30)	
FORM_CONTEXT_PROMPT	NULL	VARCHAR2(30)	
DEFAULT_CONTEXT_VALUE	NULL	VARCHAR2(30)	
DESCRIPTION	NULL	VARCHAR2(240)	
CONCATENATED_SEGMENT_DELIMITER	NULL	VARCHAR2(1)	
APPLICATION_TABLE_NAME	NULL	VARCHAR2(30)	

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PTE_DESCRIPTIVE_FLEXS_U1	UNIQUE	1	DOWNLOAD_ID
		2	APPLICATION_SHORT_NAME
		3	DESCRIPTIVE_FLEXFIELD_NAME

### Sequences

Sequence	Derived Column
PA_PTE_DF_DOWNLOAD_S	DOWNLOAD_ID

PA\_PTE\_DESC\_FLEX\_COL\_USAGES

PA\_PTE\_DESC\_FLEX\_COL\_USAGES is a temporary holding table used to download descriptive flexfield columns to Oracle Personal Time and Expense.

Column Descriptions

Name	Null?	Type	Description
DOWNLOAD_ID	NOT NULL	NUMBER	
APPLICATION_SHORT_NAME	NOT NULL	VARCHAR2(50)	
DESCRIPTIVE_FLEXFIELD_NAME	NOT NULL	VARCHAR2(40)	
DESCRIPTIVE_FLEX_CONTEXT_CODE	NOT NULL	VARCHAR2(30)	
APPLICATION_COLUMN_NAME	NOT NULL	VARCHAR2(30)	
COLUMN_SEQ_NUMBER	NULL	NUMBER(3)	
REQUIRED_FLAG	NULL	VARCHAR2(1)	
DISPLAY_SIZE	NULL	NUMBER(3)	
FORM_LEFT_PROMPT	NULL	VARCHAR2(80)	
DESCRIPTION	NULL	VARCHAR2(240)	
FLEX_VALUE_SET_ID	NULL	NUMBER(10)	
DEFAULT_TYPE	NULL	VARCHAR2(1)	
DEFAULT_VALUE	NULL	VARCHAR2(240)	

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PTE_DESC_FLEX_COL_USAGES_U1	UNIQUE	1	DOWNLOAD_ID
		2	APPLICATION_SHORT_NAME
		3	DESCRIPTIVE_FLEXFIELD_NAME
		4	DESCRIPTIVE_FLEX_CONTEXT_CODE
		5	APPLICATION_COLUMN_NAME

Sequences

Sequence	Derived Column
PA_PTE_DF_DOWNLOAD_S	DOWNLOAD_ID



## PA\_PTE\_FLEX\_VALUES

PA\_PTE\_FLEX\_VALUES is a temporary holding table used to download descriptive flexfield values to Oracle Personal Time and Expense.

Column Descriptions

Name	Null?	Type	Description
DOWNLOAD_ID	NOT NULL	NUMBER	
FLEX_VALUE_SET_ID	NOT NULL	NUMBER(10)	
VALUE	NOT NULL	VARCHAR2(150)	
ID	NULL	NUMBER(10)	
DESCRIPTION	NULL	VARCHAR2(240)	

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PTE_FLEX_VALUES_U1	UNIQUE	1	DOWNLOAD_ID
		2	FLEX_VALUE_SET_ID
		3	VALUE

Sequences

Sequence	Derived Column
PA_PTE_DF_DOWNLOAD_S	DOWNLOAD_ID

# PA\_PTE\_FLEX\_VALUE\_SETS

PA\_PTE\_FLEX\_VALUE\_SETS is a temporary holding table used to download descriptive flexfield value sets to Oracle Personal Time and Expense.

Column Descriptions

Name	Null?	Type	Description
DOWNLOAD_ID	NOT NULL	NUMBER	
FLEX_VALUE_SET_ID	NOT NULL	NUMBER(10)	
ID_FLAG	NULL	VARCHAR2(1)	
VALIDATION_TYPE	NULL	VARCHAR2(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PTE_FLEX_VALUE_SETS_U1	UNIQUE	1	DOWNLOAD_ID
		2	FLEX_VALUE_SET_ID

Sequences

Sequence	Derived Column
PA_PTE_DF_DOWNLOAD_S	DOWNLOAD_ID

## PA\_PTE\_MORG\_EMP\_TAB

PA\_PTE\_MORG\_EMP\_TAB is used to determine the operating unit to use for the Oracle Personal Time and Expense session when Multi-Org is implemented.

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID	NOT NULL	NUMBER(9)	The internal identifier of the employee.
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for Multi-Organization installations.
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	NULL	NUMBER(15)	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PTE_MORG_EMP_TAB_U1	UNIQUE	1	PERSON_ID

## PA\_PURGE\_BATCHES\_ALL

PA\_PURGE\_BATCHES\_ALL stores a record of all the purge batches held by the operating unit.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECT_STATUSES	PROJECT_STATUS_CODE	NEXT_PP_PROJECT_STATUS_CODE
PA_PROJECT_STATUSES	PROJECT_STATUS_CODE	NEXT_P_PROJECT_STATUS_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_CLOSED_FLAG	PURGE BATCH TYPE	PA_LOOKUPS
	A	Active Projects
	C	Closed Projects
BATCH_STATUS_CODE	PURGE BATCH STATUS	PA_LOOKUPS
	C	Completed
	P	Purging
	R	Released
	V	Validating
	W	Working

### Column Descriptions

Name	Null?	Type	Description
PURGE_BATCH_ID (PK)	NOT NULL	NUMBER	Purge batch Id
BATCH_NAME	NOT NULL	VARCHAR2(30)	Batch Name
DESCRIPTION	NOT NULL	VARCHAR2(80)	Description
BATCH_STATUS_CODE	NOT NULL	VARCHAR2(30)	Batch Status Code
ACTIVE_CLOSED_FLAG	NOT NULL	VARCHAR2(30)	Active Closed Flag
TXN_TO_DATE	NULL	DATE	Txn To Date
PURGE_ACTUALS_FLAG	NOT NULL	VARCHAR2(1)	Purge Actuals Flag
ARCHIVE_ACTUALS_FLAG	NOT NULL	VARCHAR2(1)	Archive Actuals Flag
PURGE_BUDGETS_FLAG	NOT NULL	VARCHAR2(1)	Purge Budgets Flag
ARCHIVE_BUDGETS_FLAG	NOT NULL	VARCHAR2(1)	Archive Budgets Flag
PURGE_CAPITAL_FLAG	NOT NULL	VARCHAR2(1)	Purge Capital Flag
ARCHIVE_CAPITAL_FLAG	NOT NULL	VARCHAR2(1)	Archive Capital Flag
PURGE_SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Purge Summary Flag
ARCHIVE_SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Archive Summary Flag
PURGED_DATE	NULL	DATE	Purged Date
NEXT_PP_PROJECT_STATUS_CODE	NULL	VARCHAR2(30)	Next PP Project Status Code
NEXT_P_PROJECT_STATUS_CODE	NULL	VARCHAR2(30)	Next P Project Status Code
PURGE_RELEASE	NULL	VARCHAR2(50)	Purge Release
CREATED_BY	NOT NULL	NUMBER	Created By
LAST_UPDATE_DATE	NOT NULL	DATE	Last Update date
LAST_UPDATED_BY	NOT NULL	NUMBER	Last Updated By
LAST_UPDATE_LOGIN	NULL	NUMBER	Last Update Login
CREATION_DATE	NOT NULL	DATE	Creation Date
REQUEST_ID	NULL	NUMBER	Request Id
PROGRAM_APPLICATION_ID	NULL	NUMBER	Program Application Id
PROGRAM_ID	NULL	NUMBER	Program Id
PROGRAM_UPDATE_DATE	NULL	DATE	Program Update Date
ORG_ID	NULL	NUMBER	Org Id

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Indexes

Index Name	Index Type	Sequence	Column Name
PA_PURGE_BATCHES_U1	UNIQUE	1	PURGE_BATCH_ID
PA_PURGE_BATCHES_U2	UNIQUE	1	BATCH_NAME

## PA\_PURGE\_PROJECTS

PA\_PURGE\_PROJECTS keeps a record of all the projects that are purged in a batch. If a project is partially purged and then later is fully purged, it will exist in more than one batch.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_PROJECT_STATUSES	PROJECT_STATUS_CODE	NEXT_PP_PROJECT_STATUS_CODE
PA_PROJECT_STATUSES	PROJECT_STATUS_CODE	NEXT_P_PROJECT_STATUS_CODE
PA_PURGE_BATCHES_ALL	PURGE_BATCH_ID	PURGE_BATCH_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PURGE_PROJECT_STATUS_CODE	PURGE PROJECT STATUS	PA_LOOKUPS
	I	Invalid
	N	New
	V	Valid

### Column Descriptions

Name	Null?	Type	Description
PURGE_BATCH_ID (PK)	NOT NULL	NUMBER	Purge batch Id
PROJECT_ID (PK)	NOT NULL	NUMBER	Project Id
LAST_PROJECT_STATUS_CODE	NOT NULL	VARCHAR2(30)	Last Project Status Code
TXN_TO_DATE	NULL	DATE	Txn To Date
PURGE_ACTUALS_FLAG	NOT NULL	VARCHAR2(1)	Purge Actuals Flag
ARCHIVE_ACTUALS_FLAG	NOT NULL	VARCHAR2(1)	Archive Actuals Flag
PURGE_BUDGETS_FLAG	NOT NULL	VARCHAR2(1)	Purge Budgets Flag
ARCHIVE_BUDGETS_FLAG	NOT NULL	VARCHAR2(1)	Archive Budgets Flag
PURGE_CAPITAL_FLAG	NOT NULL	VARCHAR2(1)	Purge Capital Flag
ARCHIVE_CAPITAL_FLAG	NOT NULL	VARCHAR2(1)	Archive Capital Flag
PURGE_SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Purge Summary Flag
ARCHIVE_SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Archive Summary Flag
NEXT_PP_PROJECT_STATUS_CODE	NULL	VARCHAR2(30)	Next PP Project Status Code
NEXT_P_PROJECT_STATUS_CODE	NULL	VARCHAR2(30)	Next P Project Status Code
PURGED_DATE	NULL	DATE	Purged Date
PURGE_PROJECT_STATUS_CODE	NOT NULL	VARCHAR2(30)	Purge Project Status Code
CREATED_BY	NOT NULL	NUMBER	Created By
LAST_UPDATE_DATE	NOT NULL	DATE	Last Update date
LAST_UPDATED_BY	NOT NULL	NUMBER	Last Updated By
LAST_UPDATE_LOGIN	NULL	NUMBER	Last Update Login
CREATION_DATE	NOT NULL	DATE	Creation Date
REQUEST_ID	NULL	NUMBER	Request Id
PROGRAM_APPLICATION_ID	NULL	NUMBER	Program Application Id
PROGRAM_ID	NULL	NUMBER	Program Id
PROGRAM_UPDATE_DATE	NULL	DATE	Program Update Date

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PURGE_PROJECTS_U1	UNIQUE	1	PURGE_BATCH_ID
		2	PROJECT_ID

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## PA\_PURGE\_PROJECT\_DETAILS

PA\_PURGE\_PROJECT\_DETAILS keeps a record of the statistics for each table purged for each project in a run. Purge detail records are created by the purge process.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PURGE_PROJECTS	PURGE_BATCH_ID PROJECT_ID	PURGE_BATCH_ID PROJECT_ID

### Column Descriptions

Name	Null?	Type	Description
PURGE_BATCH_ID (PK)	NOT NULL	NUMBER	Purge batch Id
PROJECT_ID (PK)	NOT NULL	NUMBER	Project Id
TABLE_NAME (PK)	NOT NULL	VARCHAR2(30)	Table Name
NUM_RECS_PURGED	NULL	NUMBER	Num Recs Purged
NUM_RECS_ARCHIVED	NULL	NUMBER	Num Recs Archived
CREATED_BY	NOT NULL	NUMBER	Created By
LAST_UPDATE_DATE	NOT NULL	DATE	Last Update date
LAST_UPDATED_BY	NOT NULL	NUMBER	Last Updated By
LAST_UPDATE_LOGIN	NULL	NUMBER	Last Update Login
CREATION_DATE	NOT NULL	DATE	Creation Date
REQUEST_ID	NULL	NUMBER	Request Id
PROGRAM_APPLICATION_ID	NULL	NUMBER	Program Application Id
PROGRAM_ID	NULL	NUMBER	Program Id
PROGRAM_UPDATE_DATE	NULL	DATE	Program Update Date

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_PURGE_PROJECT_DETAILS_U1	UNIQUE	1	PURGE_BATCH_ID
		2	PROJECT_ID
		3	TABLE_NAME

## PA\_PURGE\_PROJECT\_ERRORS

PA\_PURGE\_PROJECT\_ERRORS records the errors that occur in a run.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PURGE_PROJECTS	PURGE_BATCH_ID PROJECT_ID	PURGE_BATCH_ID PROJECT_ID

Column Descriptions

Name	Null?	Type	Description
PURGE_BATCH_ID (PK)	NOT NULL	NUMBER	Purge batch Id
PROJECT_ID (PK)	NOT NULL	NUMBER	Project Id
ERROR_CODE (PK)	NOT NULL	VARCHAR2(30)	Error Code
ERROR_TYPE	NOT NULL	VARCHAR2(1)	Error Type
CREATED_BY	NOT NULL	NUMBER	Created By
LAST_UPDATE_DATE	NOT NULL	DATE	Last Update date
LAST_UPDATED_BY	NOT NULL	NUMBER	Last Updated By
LAST_UPDATE_LOGIN	NULL	NUMBER	Last Update Login
CREATION_DATE	NOT NULL	DATE	Creation Date

Indexes

Index Name	Index Type	Sequence	Column Name
PA_PURGE_PROJECT_ERRORS_U1	UNIQUE	1	PURGE_BATCH_ID
		2	PROJECT_ID
		3	ERROR_CODE



## PA\_REPORTING\_EXCEPTIONS

PA\_REPORTING\_EXCEPTIONS is a general-purpose table used for reporting. Concurrent programs can use this table to populate exceptions and/or output records which can later be viewed as a report. The type of the record can be identified by the column RECORD\_TYPE. The columns ATTRIBUTE1 through ATTRIBUTE20 and ATTRIBUTE\_DATE1 through ATTRIBUTE\_DATE5 can store any values that need to shown in the report.

### Column Descriptions

Name	Null?	Type	Description
REQUEST_ID	NULL	NUMBER	The ID for the Concurrent Request inserting the particular record
CONTEXT	NULL	VARCHAR2(30)	The First or the Only part of the Primary key of the Record being reported
SUB_CONTEXT	NULL	VARCHAR2(30)	The Second part of the Primary key of the Record being reported
ORG_ID	NULL	NUMBER	The Operating Unit ID
MODULE	NULL	VARCHAR2(30)	The Module from which this record is being created
RECORD_TYPE	NULL	VARCHAR2(30)	The Type of the record i.e. an exception or Success record
ATTRIBUTE1	NULL	VARCHAR2(30)	
ATTRIBUTE2	NULL	VARCHAR2(30)	
ATTRIBUTE3	NULL	VARCHAR2(30)	
ATTRIBUTE4	NULL	VARCHAR2(30)	
ATTRIBUTE5	NULL	VARCHAR2(30)	
ATTRIBUTE6	NULL	VARCHAR2(30)	
ATTRIBUTE7	NULL	VARCHAR2(30)	
ATTRIBUTE8	NULL	VARCHAR2(30)	
ATTRIBUTE9	NULL	VARCHAR2(30)	
ATTRIBUTE10	NULL	VARCHAR2(30)	
ATTRIBUTE11	NULL	VARCHAR2(30)	
ATTRIBUTE12	NULL	VARCHAR2(30)	
ATTRIBUTE13	NULL	VARCHAR2(30)	
ATTRIBUTE14	NULL	VARCHAR2(30)	
ATTRIBUTE15	NULL	VARCHAR2(30)	
ATTRIBUTE16	NULL	VARCHAR2(80)	
ATTRIBUTE17	NULL	VARCHAR2(80)	
ATTRIBUTE18	NULL	VARCHAR2(80)	
ATTRIBUTE19	NULL	VARCHAR2(80)	
ATTRIBUTE20	NULL	VARCHAR2(80)	
ATTRIBUTE_DATE1	NULL	DATE	
ATTRIBUTE_DATE2	NULL	DATE	
ATTRIBUTE_DATE3	NULL	DATE	
ATTRIBUTE_DATE4	NULL	DATE	
ATTRIBUTE_DATE5	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
PA_REPORTING_EXCEPTIONS_N1	NOT UNIQUE	2	REQUEST_ID
		4	MODULE
		6	RECORD_TYPE
		8	CONTEXT
		10	SUB_CONTEXT

## PA\_RESOURCES

PA\_RESOURCES stores the resources used in Oracle Projects. You use resources as flexible groupings by which you want to budget or summarize actuals and commitments. You can define resources as employees, organizations, jobs, suppliers, expenditure categories, revenue categories, expenditure types or event types.

Oracle Projects automatically creates rows in this table when you select a resource of a predefined resource type when defining a resource list.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_RESOURCE_TYPES	RESOURCE_TYPE_ID	RESOURCE_TYPE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
UNIT_OF_MEASURE	UNIT DOLLARS HOURS	PA_LOOKUPS Dollars Hours

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID (PK)	NOT NULL	NUMBER(15)	The system generated number that uniquely identifies the resource
NAME	NULL	VARCHAR2(100)	Name of the resource.
DESCRIPTION	NULL	VARCHAR2(255)	Description for the resource
RESOURCE_TYPE_ID	NOT NULL	NUMBER(15)	The identifier of the type of resource, such as Employee, Job, or Expenditure Type.
UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Holds the unit of measure of the resource, such as Hours, Miles, or Dollars.
ROLLUP_QUANTITY_FLAG	NULL	VARCHAR2(1)	Indicates whether quantity should be rolled up to the Top task and Project levels, while accumulating budgets and actuals
TRACK_AS_LABOR_FLAG	NULL	VARCHAR2(1)	Indicates whether the resource is to be tracked as labor.
START_DATE_ACTIVE	NOT NULL	DATE	Effective start date of the resource
END_DATE_ACTIVE	NULL	DATE	Last effective date of the resource
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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	NOT NULL	NUMBER	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCES_N1	NOT UNIQUE	1	RESOURCE_TYPE_ID
PA_RESOURCES_U1	UNIQUE	1	RESOURCE_ID

Sequences

Sequence	Derived Column
PA_RESOURCES_S	RESOURCE_ID

Database Triggers

Trigger Name : PA\_ADW\_RESOURCES\_T2  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column on PA\_RESOURCE\_LIST\_MEMBERS table for any updates to NAME column

## PA\_RESOURCE\_ACCUM\_DETAILS

PA\_RESOURCE\_ACCUM\_DETAILS stores information that can be used to determine how a PA\_TXN\_ACCUM record was mapped to a resource list member for each resource list for a project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECT_ACCUM_HEADERS	RESOURCE_LIST_MEMBER_ID PROJECT_ID TASK_ID	RESOURCE_LIST_MEMBER_ID PROJECT_ID TASK_ID
PA_RESOURCES	RESOURCE_ID	RESOURCE_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	RESOURCE_LIST_ID
PA_RESOURCE_LIST_ASSIGNMENTS	RESOURCE_LIST_ASSIGNMENT_ID	RESOURCE_LIST_ASSIGNMENT_ID
PA_TXN_ACCUM	TXN_ACCUM_ID	TXN_ACCUM_ID

### Column Descriptions

Name	Null?	Type	Description
TXN_ACCUM_ID (PK)	NOT NULL	NUMBER(15)	The identifier of txn accum for which this detail was created
RESOURCE_LIST_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of resource list assignment for which this detail was created
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	The identifier of resource list for which this detail was created. Denormalized
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	The identifier of resource list member for which this detail was created. Denormalized
RESOURCE_ID	NOT NULL	NUMBER(15)	The identifier of resource for which this detail was created. Denormalized
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of project for which this detail was created
TASK_ID	NOT NULL	NUMBER(15)	The identifier of task for which this detail was created
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	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID		NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID		NUMBER	Standard Who Column
PROGRAM_ID		NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE		DATE	Standard Who Column
ADW_NOTIFY_FLAG		VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_ACCUM_DETAILS_N1	NOT UNIQUE	1	PROJECT_ID
		3	RESOURCE_LIST_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_ACCUM_DETAILS_N2	NOT UNIQUE	2	RESOURCE_LIST_MEMBER_ID
		4	TASK_ID
		6	PROJECT_ID
PA_RESOURCE_ACCUM_DETAILS_N3	NOT UNIQUE	2	ADW_NOTIFY_FLAG
		4	PROJECT_ID
PA_RESOURCE_ACCUM_DETAILS_U1	UNIQUE	1	TXN_ACCUM_ID
		2	RESOURCE_LIST_ASSIGNMENT_ID

Database Triggers

Trigger Name : PA\_ADW\_RES\_ACCUM\_DET\_T1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : DELETE

This trigger copies the deleted rows from PA\_RESOURCE\_ACCUM\_DETAILS table to  
PA\_OLD\_RES\_ACCUM\_DTLS table

## PA\_RESOURCE\_ASSIGNMENTS

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

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
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_TASKS	TASK_ID	TASK_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
UNIT_OF_MEASURE	UNIT DOLLARS HOURS	PA_LOOKUPS Dollars Hours

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the resource assignment
BUDGET_VERSION_ID	NOT NULL	NUMBER(15)	The identifier of the budget version that the resource is assigned to
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project that the resource is assigned to
TASK_ID	NULL	NUMBER(15)	The 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)	The 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)	The 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
PA_RESOURCE_ASSIGNMENTS_N2	NOT UNIQUE	1	TASK_ID
PA_RESOURCE_ASSIGNMENTS_U1	UNIQUE	1	RESOURCE_ASSIGNMENT_ID

*Indexes (Continued)*

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_ASSIGNMENTS_U2	UNIQUE	1	BUDGET_VERSION_ID
		2	PROJECT_ID
		3	TASK_ID
		4	RESOURCE_LIST_MEMBER_ID

*Sequences*

Sequence	Derived Column
PA_RESOURCE_ASSIGNMENTS_S	RESOURCE_ASSIGNMENT_ID



## PA\_RESOURCE\_FORMATS

PA\_RESOURCE\_FORMATS stores the valid, predefined resource formats for resource transaction attributes. Examples of such valid combinations are: Employee only, Job only, Expenditure Type only, Employee and Expenditure Type, and Expenditure type and Non-Labor Resource. All data in this table is predefined by Oracle Projects.

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_FORMAT_ID (PK)	NOT NULL	NUMBER(15)	System generated number that uniquely identifies the resource format
DESCRIPTION	NULL	VARCHAR2(255)	The description of the Resource format
PERSON_ID_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Employee', else set to 'N'
JOB_ID_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Job', else set to 'N'
ORGANIZATION_ID_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Organization', else set to 'N'
VENDOR_ID_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Supplier', else set to 'N'
EXPENDITURE_TYPE_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Expenditure Type', else set to 'N'
EVENT_TYPE_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Event Type', else set to 'N'
NON_LABOR_RESOURCE_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Non labor Resource', else set to 'N'
EXPENDITURE_CATEGORY_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Expenditure Category', else set to 'N'
REVENUE_CATEGORY_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Revenue Category', else set to 'N'
NON_LABOR_RESOURCE_ORG_ID_FLAG	NOT NULL	VARCHAR2(1)	Set to Y if one of the attributes is Non labor Resource, else set to N
EVENT_TYPE_CLASSIFICATION_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'Event Type Classification', else set to 'N'
SYSTEM_LINKAGE_FUNCTION_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if one of the attributes is 'System Linkage Function', else set to 'N'
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	NOT NULL	NUMBER	Standard Who Column

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_FORMATS_U1	UNIQUE	1	RESOURCE_FORMAT_ID

*Sequences*

Sequence	Derived Column
PA_RESOURCE_FORMATS_S	RESOURCE_FORMAT_ID

## PA\_RESOURCE\_FORMAT\_RANKS

PA\_RESOURCE\_FORMAT\_RANKS stores the predefined ranks for each resource format and transaction class code (system linkage function and event type classification) combination, which are used to map transactions to resources in the Update Project Summary Amounts processes. All data in this table is predefined by Oracle Projects.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_RESOURCE_FORMATS	RESOURCE_FORMAT_ID	RESOURCE_FORMAT_ID
PA_SYSTEM_LINKAGES	FUNCTION	TXN_CLASS_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TXN_CLASS_CODE	EVENT TYPE CLASSIFICATION	PA_LOOKUPS
	AUTOMATIC	Automatic
	DEFERRED REVENUE	Deferred Revenue
	INVOICE REDUCTION	Invoice Reduction
	MANUAL	Manual
	SCHEDULED PAYMENTS	Scheduled Payment
	WRITE OFF	Write-Off
	WRITE ON	Write-On

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_FORMAT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of resource format
TXN_CLASS_CODE (PK)	NOT NULL	VARCHAR2(30)	Class of Txn. i.e. System linkage function or event types for events
RANK	NOT NULL	NUMBER(15)	Resource format rank. The lower the rank, the higher is the priority
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	NOT NULL	NUMBER	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_FORMAT_RANKS_U1	UNIQUE	1	RESOURCE_FORMAT_ID
		2	TXN_CLASS_CODE

# PA\_RESOURCE\_LISTS

View that displays resource lists for the business group in implementation options.

View Definition

```
CREATE VIEW PA_RESOURCE_LISTS
as SELECT
    RESOURCE_LIST_ID
    ,NAME
    ,DESCRIPTION
    ,PUBLIC_FLAG
    ,GROUP_RESOURCE_TYPE_ID
    ,START_DATE_ACTIVE
    ,END_DATE_ACTIVE
    ,UNCATEGORIZED_FLAG
    ,LAST_UPDATED_BY
    ,LAST_UPDATE_DATE
    ,CREATION_DATE
    ,CREATED_BY
    ,LAST_UPDATE_LOGIN
    ,BUSINESS_GROUP_ID
    ,ADW_NOTIFY_FLAG

WHERE A.BUSINESS_GROUP_ID = PA_UTILS.BUSINESS_GROUP_ID
```

Column Descriptions

Name	Null?	Type	Description
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Refer to base table.
NAME	NULL	VARCHAR2(60)	Refer to base table.
DESCRIPTION	NULL	VARCHAR2(255)	Refer to base table.
PUBLIC_FLAG	NULL	VARCHAR2(1)	Refer to base table.
GROUP_RESOURCE_TYPE_ID	NULL	NUMBER	Refer to base table.
START_DATE_ACTIVE	NOT NULL	DATE	Refer to base table.
END_DATE_ACTIVE	NULL	DATE	Refer to base table.
UNCATEGORIZED_FLAG	NULL	VARCHAR2(1)	Refer to base table.
LAST_UPDATED_BY	NOT NULL	NUMBER	Refer to base table.
LAST_UPDATE_DATE	NOT NULL	DATE	Refer to base table.
CREATION_DATE	NOT NULL	DATE	Refer to base table.
CREATED_BY	NOT NULL	NUMBER	Refer to base table.
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Refer to base table.
BUSINESS_GROUP_ID	NULL	NUMBER(15)	Refer to base table.
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	Refer to base table.

PA\_RESOURCE\_LISTS\_ALL\_BG

PA\_RESOURCE\_LISTS\_ALL\_BG stores lists of resources. Resource lists provide effective mechanism to group a set of similar resources that are typically used for specific kinds of project work. Oracle Projects supports resource lists with up to a two-level hierarchy of resource groups and resources.

Resources are owned by business group, and thus can be shared across operating units that share business groups. This table holds all resource lists defined with the system. The PA\_RESOURCE\_LISTS view displays only those resource lists owned by the business group specified in the implementation options under which you are logged on.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_RESOURCE_TYPES	RESOURCE_TYPE_ID	GROUP_RESOURCE_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
RESOURCE_LIST_ID (PK)	NOT NULL	NUMBER(15)	The system generated number that uniquely identifies the resource list
NAME	NULL	VARCHAR2(60)	User-defined name for the resource list.
DESCRIPTION	NULL	VARCHAR2(255)	User-defined description for the resource list.
PUBLIC_FLAG	NULL	VARCHAR2(1)	Indicates whether this resource list can be used by all projects . At present this flag is set to 'Y' for all resource lists, since a resource list can be used by any project. Project specific resource lists would be set to 'N'
GROUP_RESOURCE_TYPE_ID	NULL	NUMBER	Indicates how the resource list has been grouped by. At present a resource list can be grouped either by Expenditure Category or Revenue Category or not grouped at all. If grouped , stores the identifier of the Resource Type .
START_DATE_ACTIVE	NOT NULL	DATE	Indicates the effective start date of the Resource list
END_DATE_ACTIVE	NULL	DATE	Indicates the effective end date of the Resource list

UNCATEGORIZED_FLAG	NULL	VARCHAR2(1)	Indicates whether the resource list is being used to categorize budget by resources. Oracle Projects delivers one resource list with this value set to 'Y'. Any User-defined resource list would have the value set to 'N'.
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column

#### Column Descriptions (Continued)

Name	Null?	Type	Description
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
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Identifier of the business group that owns the list
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

#### Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_LISTS_N1	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_RESOURCE_LISTS_U1	UNIQUE	1	RESOURCE_LIST_ID

#### Sequences

Sequence	Derived Column
PA_RESOURCE_LISTS_S	RESOURCE_LIST_ID

#### Database Triggers

Trigger Name : PA\_ADW\_RESOURCE\_LISTS\_T1  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to NAME AND DESCRIPTION columns

## PA\_RESOURCE\_LIST\_ASSIGNMENTS

PA\_RESOURCE\_LIST\_ASSIGNMENTS stores information on what resource lists are assigned to a project. You can assign resource lists to a project for project summarization.

Oracle Projects automatically creates a row in this table and in the PA\_RESOURCE\_LIST\_USES table for the resource list used in budgeting when you baseline a budget version for the project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	RESOURCE_LIST_ID

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_LIST_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	System generated number that uniquely identifies the assignment.
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	The identifier of the resource list that is assigned to the project
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project to which the resource list is being assigned to.
RESOURCE_LIST_CHANGED_FLAG	NULL	VARCHAR2(1)	Indicates whether any changes have been made to the resource list.Examples: (1) A resource group or resource is added or deleted; (2) An existing resource group or resource is enabled or disabled; (3) Deactivation of the resourcelist
RESOURCE_LIST_ACCUMULATED_FLAG	NULL	VARCHAR2(1)	Indicates whether actuals have been accumulated against the resource list for that project.
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	NOT NULL	NUMBER	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_LIST_ASGN_N1	NOT UNIQUE	1	RESOURCE_LIST_ID
PA_RESOURCE_LIST_ASGN_U1	UNIQUE	1	RESOURCE_LIST_ASSIGNMENT_ID
PA_RESOURCE_LIST_ASGN_U2	UNIQUE	1	PROJECT_ID
		2	RESOURCE_LIST_ID

### Sequences

Sequence	Derived Column
PA_RESOURCE_LIST_ASSIGNMENTS_S	RESOURCE_LIST_ASSIGNMENT_ID

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## PA\_RESOURCE\_LIST\_GROUPS\_V

PA\_RESOURCE\_LIST\_GROUPS\_V displays all the resource groups that have been defined in a resource list.

View Definition

```
CREATE VIEW PA_RESOURCE_LIST_GROUPS_V
as SELECT
    RL.NAME
    , RL.RESOURCE_LIST_ID
    , RLM.ALIAS
    , RLM.RESOURCE_LIST_MEMBER_ID
    , RLM.SORT_ORDER
    , RLM.ENABLED_FLAG
FROM PA_RESOURCE_LISTS RL, PA_RESOURCE_LIST_MEMBERS RLM
WHERE RL.GROUP_RESOURCE_TYPE_ID != 0
AND    RL.RESOURCE_LIST_ID = RLM.RESOURCE_LIST_ID
AND    RLM.PARENT_MEMBER_ID IS NULL
AND    RLM.DISPLAY_FLAG = 'Y'
```

Column Descriptions

Name	Null?	Type	Description
RESOURCE_LIST_NAME	NULL	VARCHAR2(60)	Refer to base table.
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_GROUP_ALIAS	NULL	VARCHAR2(30)	Refer to base table.
RESOURCE_GROUP_MEMBER_ID	NOT NULL	NUMBER(15)	Refer to base table.
SORT_ORDER	NULL	NUMBER	Refer to base table.
ENABLED_FLAG	NULL	VARCHAR2(1)	Refer to base table.



## PA\_RESOURCE\_LIST\_MEMBERS

PA\_RESOURCE\_LIST\_MEMBERS stores information about the individual members which make up the resource list. All resource groups and resources are regarded as members.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_RESOURCES	RESOURCE_ID	RESOURCE_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	RESOURCE_LIST_ID
PA_RESOURCE_LIST_MEMBERS	RESOURCE_LIST_MEMBER_ID	PARENT_MEMBER_ID

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_LIST_MEMBER_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the resource list member.
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	The Identifier of the resource list to which the members belong to.
RESOURCE_ID	NOT NULL	NUMBER(15)	The identifier of the resource that is being used as a member of the resource list
ALIAS	NULL	VARCHAR2(30)	User-defined short name to be used in budgets entry, reports and Project Status Inquiry.
PARENT_MEMBER_ID	NULL	NUMBER	Identifier of the resource group to which the member belongs to. This value would be Null in case of (1) resource groups or (2) resource lists which have not been grouped
SORT_ORDER	NULL	NUMBER	The order in which a resource appears in the resource list within its resource group or within the resource list
MEMBER_LEVEL	NULL	NUMBER	The level of the resource within the hierarchy. The value would be 1 for Parent or non grouped resources and 2 for second-level resources
DISPLAY_FLAG	NULL	VARCHAR2(1)	This indicates whether the resource is to be displayed to the user when a resource list is queried . All resources created through the resource lists form would have the value set to 'Y'
ENABLED_FLAG	NULL	VARCHAR2(1)	Indicates whether the resource is to be enabled for use by other modules like Budgets etc. A disabled resource cannot be used .
TRACK_AS_LABOR_FLAG	NULL	VARCHAR2(1)	This attribute specifies that when the resource is used to Budget it is tracked as labor and quantity is tracked as labor hours
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column

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CREATION\_DATE

NOT NULL DATE

Standard Who Column

*Column Descriptions (Continued)*

Name	Null?	Type	Description
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who Column
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_LIST_MEMBERS_N1	NOT UNIQUE	1	RESOURCE_LIST_ID
		2	RESOURCE_ID
PA_RESOURCE_LIST_MEMBERS_N2	NOT UNIQUE	1	PARENT_MEMBER_ID
PA_RESOURCE_LIST_MEMBERS_N3	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_RESOURCE_LIST_MEMBERS_U1	UNIQUE	1	RESOURCE_LIST_MEMBER_ID

*Sequences*

Sequence	Derived Column
PA_RESOURCE_LIST_MEMBERS_S	RESOURCE_LIST_MEMBER_ID

*Database Triggers*

Trigger Name : PA\_ADW\_RESOURCES\_T1  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to PARENT\_MEMBER\_ID, ALIAS and RESOURCE\_LIST\_ID columns

## PA\_RESOURCE\_LIST\_USES

PA\_RESOURCE\_LIST\_USES holds information about the use of resource lists assigned to projects. The use of a resource list can differ from project to project.

The use code is either the ACTUALS\_ACCUM lookup type or a budget type. Oracle Projects automatically creates a row in this table and in the PA\_RESOURCE\_LIST\_ASSIGNMENTS table for the resource list used in budgeting when you baseline a budget version for the project.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_RESOURCE_LIST_ASSIGNMENTS	RESOURCE_LIST_ASSIGNMENT_ID	RESOURCE_LIST_ASSIGNMENT_ID

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_LIST_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the resource list assignment
USE_CODE (PK)	NOT NULL	VARCHAR2(30)	Indicates the purpose for which the Resource list is used
DEFAULT_FLAG	NULL	VARCHAR2(1)	Indicates whether this is to be used as the default resource list for Project Status Inquiry. There can be only one such default for a project
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	NOT NULL	NUMBER	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_LIST_USES_U1	UNIQUE	1	RESOURCE_LIST_ASSIGNMENT_ID
		2	USE_CODE

PA\_RESOURCE\_LIST\_V

PA\_RESOURCE\_LIST\_V displays details about a resource list and related resource list members.

View Definition

```
CREATE VIEW PA_RESOURCE_LIST_V
as SELECT
    RLM.RESOURCE_LIST_ID
    , RL.NAME
    , RLM.RESOURCE_LIST_MEMBER_ID
    , RLM.RESOURCE_ID
    , RLM.ALIAS
    , R.NAME
    , RLM.TRACK_AS_LABOR_FLAG
FROM PA_RESOURCE_LIST_MEMBERS RLM
    , PA_RESOURCE_LISTS RL
    , PA_RESOURCES R
WHERE
    RLM.RESOURCE_LIST_ID = RL.RESOURCE_LIST_ID
    AND RLM.RESOURCE_ID = R.RESOURCE_ID
```

Column Descriptions

Name	Null?	Type	Description
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_LIST_NAME	NULL	VARCHAR2(60)	Refer to base table.
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESOURCE_ALIAS	NULL	VARCHAR2(30)	Refer to base table.
RESOURCE_NAME	NULL	VARCHAR2(60)	Refer to base table.
RESOURCE_TRACK_AS_LABOR_FLAG	NULL	VARCHAR2(1)	Refer to base table.

## PA\_RESOURCE\_MAPS

PA\_RESOURCE\_MAPS stores the information to map a resource list member to a combination of resource transaction attributes in the Update Project Summary Amounts processes.

When a transaction is mapped to a resource, this table is scanned first for a resource map. If the resource map is not present, then the transaction is mapped to the given resource list member and then a resource map is created in this table. This allows faster processing of transactions as mapping is done only when it is needed (mapping only those that have not previously been mapped).

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EVENT_TYPES	EVENT_TYPE	EVENT_TYPE
PA_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	EXPENDITURE_CATEGORY
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_NON_LABOR_RESOURCES	NON_LABOR_RESOURCE	NON_LABOR_RESOURCE
PA_NON_LABOR_RESOURCE_ORGS	ORGANIZATION_ID	NON_LABOR_RESOURCE_ORG_ID
PA_RESOURCES	RESOURCE_ID	RESOURCE_ID
PA_RESOURCE_LISTS_ALL_BG	RESOURCE_LIST_ID	RESOURCE_LIST_ID
PA_RESOURCE_LIST_ASSIGNMENTS	RESOURCE_LIST_ASSIGNMENT_ID	RESOURCE_LIST_ASSIGNMENT_ID
PA_RESOURCE_LIST_MEMBERS	RESOURCE_LIST_MEMBER_ID	RESOURCE_LIST_MEMBER_ID
PA_RESOURCE_LIST_MEMBERS	RESOURCE_LIST_MEMBER_ID	RESOURCE_LIST_MEMBER_ID
PA_SYSTEM_LINKAGES	FUNCTION	SYSTEM_LINKAGE_FUNCTION
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID
PER_JOBS	JOB_ID	JOB_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EVENT_TYPE_CLASSIFICATION	EVENT TYPE CLASSIFICATION	PA_LOOKUPS
	AUTOMATIC	Automatic
	DEFERRED REVENUE	Deferred Revenue
	INVOICE REDUCTION	Invoice Reduction
	MANUAL	Manual
	SCHEDULED PAYMENTS	Scheduled Payment
	WRITE OFF	Write-Off
	WRITE ON	Write-On

### Column Descriptions

Name	Null?	Type	Description
PERSON_ID	NULL	NUMBER	The identifier of employee for which the resource map was created
JOB_ID	NULL	NUMBER	The identifier of job for which the resource map was created
ORGANIZATION_ID	NULL	NUMBER	The identifier of organization for which the resource map was created

Column Descriptions (Continued)

Name	Null?	Type	Description
VENDOR_ID	NULL	NUMBER	The identifier of the supplier for which the resource map was created
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	The expenditure type for which the resource map was created
EVENT_TYPE	NULL	VARCHAR2(30)	The event type for which the resource map was created
NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	The non labor resource for which the resource map was created
EXPENDITURE_CATEGORY	NULL	VARCHAR2(30)	The expenditure category for which the resource map was created
REVENUE_CATEGORY	NULL	VARCHAR2(30)	The revenue category for which the resource map was created
NON_LABOR_RESOURCE_ORG_ID	NULL	NUMBER	The identifier of non labor resource org id for which the map was created
EVENT_TYPE_CLASSIFICATION	NULL	VARCHAR2(30)	The event type classification for which the resource map was created
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(30)	The system linkage function for which the resource map was created
RESOURCE_LIST_ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of resource list assignment for which the resource map was created
RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	The identifier of resource list for which the resource map was created
RESOURCE_LIST_MEMBER_ID	NOT NULL	NUMBER(15)	The identifier of resource list member for which the resource map was created
RESOURCE_ID	NOT NULL	NUMBER(15)	The identifier of resource for which the resource map was created
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	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_MAPS_N1	NOT UNIQUE	2	RESOURCE_LIST_ASSIGNMENT_ID
		4	RESOURCE_LIST_ID
		6	EXPENDITURE_TYPE
		8	ORGANIZATION_ID
		10	PERSON_ID
PA_RESOURCE_MAPS_N2	NOT UNIQUE	2	RESOURCE_LIST_ASSIGNMENT_ID
		4	RESOURCE_LIST_ID
		6	EVENT_TYPE
		8	ORGANIZATION_ID
PA_RESOURCE_MAPS_N3	NOT UNIQUE	2	RESOURCE_LIST_ID
		4	EXPENDITURE_TYPE
		6	ORGANIZATION_ID
		8	PERSON_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_MAPS_N4	NOT UNIQUE	2	RESOURCE_LIST_ID
		4	EVENT_TYPE
		6	ORGANIZATION_ID

## PA\_RESOURCE\_TXN\_ATTRIBUTES

PA\_RESOURCE\_TXN\_ATTRIBUTES stores the transaction combinations which make up the resource, such as Employee and Job, or Employee and Expenditure Type.

Oracle Projects automatically creates a row in this table when you select a resource of a predefined resource type in a resource list.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EVENT_TYPES	EVENT_TYPE	EVENT_TYPE
PA_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	EXPENDITURE_CATEGORY
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_NON_LABOR_RESOURCES	NON_LABOR_RESOURCE	NON_LABOR_RESOURCE
PA_NON_LABOR_RESOURCE_ORGS	NON_LABOR_RESOURCE ORGANIZATION_ID	NON_LABOR_RESOURCE NON_LABOR_RESOURCE_ORG_ID
PA_RESOURCES	RESOURCE_ID	RESOURCE_ID
PA_RESOURCE_FORMATS	RESOURCE_FORMAT_ID	RESOURCE_FORMAT_ID
PA_SYSTEM_LINKAGES	FUNCTION	SYSTEM_LINKAGE_FUNCTION
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID
PER_JOBS	JOB_ID	JOB_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EVENT_TYPE_CLASSIFICATION	EVENT TYPE CLASSIFICATION AUTOMATIC DEFERRED REVENUE INVOICE REDUCTION MANUAL SCHEDULED PAYMENTS WRITE OFF WRITE ON	PA_LOOKUPS Automatic Deferred Revenue Invoice Reduction Manual Scheduled Payment Write-Off Write-On

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_TXN_ATTRIBUTE_ID (PK)	NOT NULL	NUMBER(15)	System-generated number that uniquely identifies combinations of one or more transactions
RESOURCE_ID	NOT NULL	NUMBER(15)	
PERSON_ID	NULL	NUMBER	Holds the identifier of the employee .
JOB_ID	NULL	NUMBER	Holds the identifier of the Job
ORGANIZATION_ID	NULL	NUMBER	Holds the identifier of the Organization
VENDOR_ID	NULL	NUMBER	Holds the identifier of the Supplier.
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Holds the identifier of the Expenditure Type
EVENT_TYPE	NULL	VARCHAR2(30)	Holds the identifier of the Event Type

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Column Descriptions (Continued)

Name	Null?	Type	Description
NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	Holds the identifier of the Non Labor Resource
EXPENDITURE_CATEGORY	NULL	VARCHAR2(30)	Holds the identifier of the Expenditure Category
REVENUE_CATEGORY	NULL	VARCHAR2(30)	Holds the identifier of the Revenue Category
NON_LABOR_RESOURCE_ORG_ID	NULL	NUMBER	Holds the identifier of the Non Labor Resource's Organization
EVENT_TYPE_CLASSIFICATION	NULL	VARCHAR2(30)	Holds the identifier of the Event Type Classification
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(30)	Holds the identifier of the System Linkage
RESOURCE_FORMAT_ID	NOT NULL	NUMBER(15)	Holds the identifier of the Resource Format.
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	NOT NULL	NUMBER	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_TXN_ATTRIBUTES_N1	NOT UNIQUE	1	RESOURCE_ID
PA_RESOURCE_TXN_ATTRIBUTES_U1	UNIQUE	1	RESOURCE_TXN_ATTRIBUTE_ID

Sequences

Sequence	Derived Column
PA_RESOURCE_TXN_ATTRIBUTES_S	RESOURCE_TXN_ATTRIBUTE_ID

## PA\_RESOURCE\_TYPES

PA\_RESOURCE\_TYPES stores the types of resources that are supported in Oracle Projects. Oracle Projects currently predefines all resource types.

### Column Descriptions

Name	Null?	Type	Description
RESOURCE_TYPE_ID (PK)	NOT NULL	NUMBER(15)	System-generated number that uniquely identifies the resource type
RESOURCE_CLASS_CODE	NOT NULL	VARCHAR2(30)	Indicates the resource type class. At present the valid values are 'PRE_DEFINED', 'USER_DEFINED', 'UNCATEGORIZED', and 'UNCLASSIFIED'
RESOURCE_TYPE_CODE	NOT NULL	VARCHAR2(30)	Holds the code used to identify the resource type. The supported resource type codes are 'EMPLOYEE', 'JOB', 'EXPENDITURE_TYPE', 'ORGANIZATION', 'EVENT TYPE', 'EXPENDITURE CATEGORY', 'REVENUE CATEGORY', 'VENDOR'.
NAME	NULL	VARCHAR2(60)	The name of the resource type
DESCRIPTION	NULL	VARCHAR2(255)	The Description of the resource type
TABLE_NAME	NOT NULL	VARCHAR2(30)	Not currently used
ACCESS_KEY	NOT NULL	VARCHAR2(30)	Not currently used
SQL_TEXT	NULL	VARCHAR2(2000)	Not currently used
START_DATE_ACTIVE	NOT NULL	DATE	Effective start date of the resource type
END_DATE_ACTIVE	NULL	DATE	Effective end date of the resource type
GROUP_FLAG	NULL	VARCHAR2(1)	Indicates whether the resource type can be used to group resources
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	NOT NULL	NUMBER	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_RESOURCE_TYPES_U1	UNIQUE	1	RESOURCE_TYPE_ID

### Sequences

Sequence	Derived Column
PA_RESOURCE_TYPES_S	RESOURCE_TYPE_ID

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## PA\_REV\_BURDEN\_DETAILS\_V

PA\_REV\_BURDEN\_DETAILS\_V shows the individual burden cost components of the revenue amount for expenditure items that accrue revenue using burden schedules.

### View Definition

```
CREATE VIEW PA_REV_BURDEN_DETAILS_V
as SELECT
    p.segment1
    , p.name
    , rdl.project_id
    , t.task_number
    , t.task_name
    , t.task_id
    , bdb.expenditure_organization
    , bdb.expenditure_organization_id
    , ei.expenditure_type
    , ei.expenditure_item_date
    , dr.pa_date
    , dr.gl_date
    , rdl.raw_cost
    , ei.project_currency_code
    , PA_CURRENCY.ROUND_CURRENCY_AMT(rdl.raw_cost * bdb.compiled_multiplier)
    , bdb.cost_base
    , bdb.cb_sort_order
    , bdb.burden_cost_code
    , bdb.bcc_precedence
    , bdb.input_multiplier
    , bdb.compiled_multiplier
    , ei.expenditure_item_id
    , rdl.line_num
    , bdb.burden_schedule
    , bdb.burden_schedule_id
    , bdb.burden_schedule_revision
    , bdb.burden_schedule_revision_id
    , bdb.burden_structure
    , bdb.compiled_set_id
FROM
    pa_burden_details_base_v bdb,
    pa_draft_revenues dr,
    pa_expenditures_all e,
    pa_tasks t,
    pa_projects p,
    pa_expenditure_items_all ei,
    pa_cust_rev_dist_lines rdl
Where bdb.compiled_set_id = rdl.rev_ind_compiled_set_id
AND bdb.expenditure_type = ei.expenditure_type
AND bdb.expenditure_organization_id =
    nvl(ei.override_to_organization_id, e.incurring_by_organization_id)
AND ei.expenditure_item_id = rdl.expenditure_item_id
AND rdl.function_code not in ('LRL','LRB','URL','URB')
AND dr.project_id = rdl.project_id
```

```

AND dr.draft_revenue_num = rdl.draft_revenue_num
AND e.expenditure_id = ei.expenditure_id
AND t.task_id = ei.task_id
AND p.project_id = rdl.project_id

```

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
PROJECT_ID	NOT NULL	NUMBER(15)	Refer to base table.
TASK_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
TASK_NAME	NOT NULL	VARCHAR2(20)	Refer to base table.
TASK_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_ORGANIZATION	NOT NULL	VARCHAR2(60)	Refer to base table.
EXPENDITURE_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Refer to base table.
EXPENDITURE_ITEM_DATE	NOT NULL	DATE	Refer to base table.
PA_DATE	NOT NULL	DATE	Refer to base table.
GL_DATE	NULL	DATE	Refer to base table.
RAW_COST	NULL	NUMBER(22,5)	Refer to base table.
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project functional currency code
BURDEN_COST	NULL	NUMBER	Refer to base table.
COST_BASE	NOT NULL	VARCHAR2(30)	Refer to base table.
CB_SORT_ORDER	NOT NULL	NUMBER(15)	Refer to base table.
BURDEN_COST_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
BCC_PRECEDENCE	NOT NULL	NUMBER(15)	Refer to base table.
INPUT_MULTIPLIER	NOT NULL	NUMBER(22,5)	Refer to base table.
COMPILED_MULTIPLIER	NOT NULL	NUMBER(22,5)	Refer to base table.
EXPENDITURE_ITEM_ID	NOT NULL	NUMBER(15)	Refer to base table.
RDL_LINE_NUM	NOT NULL	NUMBER(15)	Refer to base table.
BURDEN_SCHEDULE	NOT NULL	VARCHAR2(30)	Refer to base table.
BURDEN_SCHEDULE_ID	NOT NULL	NUMBER(15)	Refer to base table.
BURDEN_SCHEDULE_REVISION	NOT NULL	VARCHAR2(30)	Refer to base table.
BURDEN_SCHEDULE_REVISION_ID	NOT NULL	NUMBER(15)	Refer to base table.
BURDEN_STRUCTURE	NOT NULL	VARCHAR2(30)	Refer to base table.
COMPILED_SET_ID	NOT NULL	NUMBER(15)	Refer to base table.

## PA\_ROUTINGS

PA\_ROUTINGS stores the sequential steps in the approval cycles of online timecards and expense reports from Oracle Personal Time and Expense.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURES_ALL	EXPENDITURE_ID	EXPENDITURE_ID
PER_ALL_PEOPLE_F	PERSON_ID	ROUTED_FROM_PERSON_ID
PER_ALL_PEOPLE_F	PERSON_ID	ROUTED_TO_PERSON_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ROUTING_STATUS_CODE	ROUTING STATUS CODE	PA_LOOKUPS
	APPROVED	Approved
	FOR/W/APP	Forwarded w/Approval
	FORWARDED	Forwarded
	REJECTED	Rejected
	REVIEWING	Reviewing
	REWORKING	Reworking
	SUBMITTED	Submitted
	UNSUBMITTED	Working

### Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the expenditure for which this routing is entered
ROUTED_FROM_PERSON_ID	NOT NULL	NUMBER(9)	The identifier of the person who sent this routing
START_DATE (PK)	NOT NULL	DATE	The date that the approval step was performed. This values include date and time
ROUTING_STATUS_CODE	NOT NULL	VARCHAR2(30)	The approval action performed for this routing
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
ROUTED_TO_PERSON_ID	NULL	NUMBER(9)	The identifier of the person to which the expenditure is sent for the next approval step. This column is left blank if the approval step is approval of the expenditure
END_DATE	NULL	DATE	The date on which the next approval step was performed. This value includes date and time. This column is left blank if the approval step is approval of the expenditure
ROUTING_COMMENT	NULL	VARCHAR2(240)	The free text comment written by the person from whom the routing was sent

*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
PA_ROUTINGS_N1	NOT UNIQUE	1	ROUTING_STATUS_CODE
		2	ROUTED_TO_PERSON_ID
PA_ROUTINGS_U1	UNIQUE	1	EXPENDITURE_ID
		2	START_DATE

## PA\_RPT\_CUST\_ACT\_SUMMARY

PA\_RPT\_CUST\_ACT\_SUMMARY displays summary project level actual information by customer for Oracle Discoverer Workbooks. All project amounts are divided among each of the customers of the project based on the customer bill split percentage. All Reporting Profiles must be set up at the site level of the application in order to use this view correctly.

### View Definition

```
CREATE VIEW PA_RPT_CUST_ACT_SUMMARY
as SELECT
    pah.PROJECT_ACCUM_ID , pah.accum_period , pc.customer_id, pc.customer_bill_split,
    decode(pc.customer_bill_split,0,0,paa.RAW_COST_ITD*pc.customer_bill_split/100),
    decode(pc.customer_bill_split,0,0,paa.RAW_COST_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.RAW_COST_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.RAW_COST_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_RAW_COST_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_RAW_COST_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_RAW_COST_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_RAW_COST_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BURDENED_COST_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BURDENED_COST_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BURDENED_COST_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BURDENED_COST_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_BURDENED_COST_ITD*pc.customer_bill_split/100)
    ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_BURDENED_COST_YTD*pc.customer_bill_split/100)
    , decode(pc.customer_bill_split,0,0,paa.BILLABLE_BURDENED_COST_PP*pc.customer_bill_split/100)
    ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_BURDENED_COST_PTD*pc.customer_bill_split/100)
    , decode(pc.customer_bill_split,0,0,paa.LABOR_HOURS_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.LABOR_HOURS_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.LABOR_HOURS_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.LABOR_HOURS_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_LABOR_HOURS_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_LABOR_HOURS_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_LABOR_HOURS_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.BILLABLE_LABOR_HOURS_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.REVENUE_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.REVENUE_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.REVENUE_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,paa.REVENUE_PTD*pc.customer_bill_split/100) ,
    pah.project_id FROM pa_project_accum_actuals paa , pa_project_accum_headers pah ,
    pa_project_customers pc, pa_projects ppa, pa_project_types ppt
    Where paa.project_accum_id = pah.project_accum_id AND pah.resource_list_member_id = 0 AND
    pah.project_id = ppa.project_id AND ppa.project_type = ppt.project_type AND pah.task_id = 0
    AND pc.project_id = ppa.project_id AND ppt.project_type_class_code = 'CONTRACT'
```

# Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCUM_ID	NOT NULL	NUMBER(15)	The identifier which uniquely identifies this line for the actuals and budgets

# Column Descriptions (Continued)

Name	Null?	Type	Description
ACCUM_PERIOD	NULL	VARCHAR2(20)	Last accumulation GL or PA period, depending on the imp. option
CUSTOMER_ID	NOT NULL	NUMBER(15)	The identifier of the customer that is involved with the project
CUSTOMER_BILL_SPLIT	NULL	NUMBER(7,4)	The bill split percentatge for the customer.
RAW_COST_ITD	NULL	NUMBER	Inception to date raw cost for project
RAW_COST_YTD	NULL	NUMBER	Year to date raw cost for project
RAW_COST_PP	NULL	NUMBER	Prior period to date raw cost for project
RAW_COST_PTD	NULL	NUMBER	Period to date raw cost for PA or GL period
BILLABLE_RAW_COST_ITD	NULL	NUMBER	Inception to date billable raw cost for project
BILLABLE_RAW_COST_YTD	NULL	NUMBER	Year to date billable raw cost for project
BILLABLE_RAW_COST_PP	NULL	NUMBER	Prior period to date billable raw cost for project
BILLABLE_RAW_COST_PTD	NULL	NUMBER	Period to date billable raw cost for PA or GL period
BURDENED_COST_ITD	NULL	NUMBER	Inception to date burdened cost for project
BURDENED_COST_YTD	NULL	NUMBER	Year to date burdened cost for project
BURDENED_COST_PP	NULL	NUMBER	Prior period to date burdened cost for project
BURDENED_COST_PTD	NULL	NUMBER	Period to date burdened cost for PA or GL period
BILLABLE_BURDENED_COST_ITD	NULL	NUMBER	Inception to date billable burdened cost for project
BILLABLE_BURDENED_COST_YTD	NULL	NUMBER	Year to date billable burdened cost for project
BILLABLE_BURDENED_COST_PP	NULL	NUMBER	Prior period to date billable burdened cost for project
BILLABLE_BURDENED_COST_PTD	NULL	NUMBER	Period to date billable burdened cost for PA or GL period
LABOR_HOURS_ITD	NULL	NUMBER	Inception to date labor hours for project
LABOR_HOURS_YTD	NULL	NUMBER	Year to date labor hours for project
LABOR_HOURS_PP	NULL	NUMBER	Prior period to date labor hours for project
LABOR_HOURS_PTD	NULL	NUMBER	Period to date labor hours for PA or GL period
BILLABLE_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date billable labor hours for project
BILLABLE_LABOR_HOURS_YTD	NULL	NUMBER	Year to date billable labor hours for project

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BILLABLE_LABOR_HOURS_PP	NULL	NUMBER	Prior period to date billable labor hours for project
BILLABLE_LABOR_HOURS_PTD	NULL	NUMBER	Period to date billable labor hours for PA or GL period
REVENUE_ITD	NULL	NUMBER	Inception to date revenue for project
REVENUE_YTD	NULL	NUMBER	Year to date revenue for project

*Column Descriptions (Continued)*

Name	Null?	Type	Description
REVENUE_PP	NULL	NUMBER	Prior period to date revenue for PA or GL period
REVENUE_PTD	NULL	NUMBER	Period to date revenue for PA or GL period
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the amounts apply

## PA\_RPT\_CUST\_BGT\_SUMMARY

PA\_RPT\_CUST\_BGT\_SUMMARY displays summary project level budget information by customer for Oracle Discoverer Workbooks. All project amounts are divided among each of the customers of the project based on the customer bill split percentage. All Reporting Profiles must be set up at the site level of the application in order to use this view correctly. Specifically, all four Reporting Budget Type profiles need to be set up in order to return all the values from this view.

### View Definition

```
CREATE VIEW PA_RPT_CUST_BGT_SUMMARY
as SELECT
    pah.PROJECT_ACCUM_ID , pab.BUDGET_TYPE_CODE , pah.accum_period , pc.customer_id,
    pc.customer_bill_split,
    decode(pc.customer_bill_split,0,0,pab.BASE_RAW_COST_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_RAW_COST_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_RAW_COST_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_RAW_COST_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_BURDENED_COST_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_BURDENED_COST_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_BURDENED_COST_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_BURDENED_COST_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_RAW_COST_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_RAW_COST_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_RAW_COST_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_RAW_COST_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_BURDENED_COST_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_BURDENED_COST_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_BURDENED_COST_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_BURDENED_COST_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_REVENUE_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_REVENUE_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_REVENUE_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_REVENUE_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_REVENUE_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_REVENUE_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_REVENUE_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_REVENUE_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_LABOR_HOURS_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_LABOR_HOURS_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_LABOR_HOURS_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_LABOR_HOURS_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_LABOR_HOURS_ITD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_LABOR_HOURS_YTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_LABOR_HOURS_PP*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_LABOR_HOURS_PTD*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_LABOR_HOURS_TOT*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_LABOR_HOURS_TOT*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_RAW_COST_TOT*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_BURDENED_COST_TOT*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_RAW_COST_TOT*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.ORIG_BURDENED_COST_TOT*pc.customer_bill_split/100) ,
    decode(pc.customer_bill_split,0,0,pab.BASE_REVENUE_TOT*pc.customer_bill_split/100) ,
```

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```

decode(pc.customer_bill_split,0,0,pab.Orig_Revenue_Tot*pc.customer_bill_split/100) ,
pah.project_id , pbt.budget_amount_code, pbt.budget_type FROM pa_project_accum_budgets pab ,
pa_project_accum_headers pah , pa_project_customers pc, pa_projects ppa, pa_budget_types pbt,
pa_project_types ppt

```

```

Where pab.project_accum_id = pah.project_accum_id AND pah.resource_list_member_id = 0 AND
pab.budget_type_code = pbt.budget_type_code AND pah.task_id = 0 AND pah.project_id =
ppa.project_id AND ppa.project_type = ppt.project_type AND pc.project_id = ppa.project_id AND
ppt.project_type_class_code = 'CONTRACT'

```

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCUM_ID	NOT NULL	NUMBER(15)	The identifier which uniquely identifies this line for the actuals and budgets
BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
ACCUM_PERIOD	NULL	VARCHAR2(20)	Last accumulation GL or PA period, depending on the imp. option
CUSTOMER_ID	NOT NULL	NUMBER(15)	The identifier of the customer that is involved with the project
CUSTOMER_BILL_SPLIT	NULL	NUMBER(7,4)	The percentage bill split for the customer.
BASE_RAW_COST_ITD	NULL	NUMBER	Inception to date base raw cost for project
BASE_RAW_COST_YTD	NULL	NUMBER	Year to date base raw cost for project
BASE_RAW_COST_PP	NULL	NUMBER	Prior period to date base raw cost for PA or GL period
BASE_RAW_COST_PTD	NULL	NUMBER	Period to date base raw cost for PA or GL period
BASE_BURDENED_COST_ITD	NULL	NUMBER	Inception to date base burdened cost for project
BASE_BURDENED_COST_YTD	NULL	NUMBER	Year to date base burdened cost for project
BASE_BURDENED_COST_PP	NULL	NUMBER	Prior period to date base burdened cost for PA or GL period
BASE_BURDENED_COST_PTD	NULL	NUMBER	Period to date base burdened cost for PA or GL period
ORIG_RAW_COST_ITD	NULL	NUMBER	Inception to date original raw cost for project
ORIG_RAW_COST_YTD	NULL	NUMBER	Year to date original raw cost for project
ORIG_RAW_COST_PP	NULL	NUMBER	Prior period to date original raw cost for PA or GL period
ORIG_RAW_COST_PTD	NULL	NUMBER	Period to date original raw cost for PA or GL period
ORIG_BURDENED_COST_ITD	NULL	NUMBER	Inception to date original burdened cost for project
ORIG_BURDENED_COST_YTD	NULL	NUMBER	Year to date original burdened cost for project
ORIG_BURDENED_COST_PP	NULL	NUMBER	Prior period to date original burdened cost for PA or GL period
ORIG_BURDENED_COST_PTD	NULL	NUMBER	Period to date original burdened cost for PA or GL period

BASE_REVENUE_ITD	NULL	NUMBER	Inception to date base revenue for project
------------------	------	--------	--

*Column Descriptions (Continued)*

Name	Null?	Type	Description
BASE_REVENUE_YTD	NULL	NUMBER	Year to date base revenue for project
BASE_REVENUE_PP	NULL	NUMBER	Prior period to date base revenue for PA or GL period
BASE_REVENUE_PTD	NULL	NUMBER	Period to date base revenue for PA or GL period
ORIG_REVENUE_ITD	NULL	NUMBER	Inception to date original revenue for project
ORIG_REVENUE_YTD	NULL	NUMBER	Year to date original revenue for project
ORIG_REVENUE_PP	NULL	NUMBER	Prior period to date original revenue for PA or GL period
ORIG_REVENUE_PTD	NULL	NUMBER	Period to date original revenue for PA or GL period
ORIG_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PP	NULL	NUMBER	Prior period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_PTD	NULL	NUMBER	Period to date original labor hours for PA or GL period
BASE_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PP	NULL	NUMBER	Prior period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_PTD	NULL	NUMBER	Period to date base labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_TOT	NULL	NUMBER	Total base labor hours
BASE_RAW_COST_TOT	NULL	NUMBER	Total base raw cost
BASE_BURDENED_COST_TOT	NULL	NUMBER	Total base burdened cost
ORIG_RAW_COST_TOT	NULL	NUMBER	Total original raw cost
ORIG_BURDENED_COST_TOT	NULL	NUMBER	Total original burdened cost
BASE_REVENUE_TOT	NULL	NUMBER	Total base revenue
ORIG_REVENUE_TOT	NULL	NUMBER	Total original revenue
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the amounts apply
BUDGET_AMOUNT_CODE	NOT NULL	VARCHAR2(30)	The amount type indicator for the budget
BUDGET_TYPE	NOT NULL	VARCHAR2(30)	The short, user-friendly name of the budget type

## PA\_RPT\_CUST\_SUMMARY

PA\_RPT\_CUST\_SUMMARY displays summary project level actual and budget information by customer for Oracle Discoverer Workbooks. All project amounts are divided among each of the customers of the project based on the customer bill split percentage. All Reporting Profiles must be set up at the site level of the application in order to use this view correctly. Specifically, all four Reporting Budget Type profiles need to be set up in order to return all the values from this view.

### View Definition

```
CREATE VIEW PA_RPT_CUST_SUMMARY
as SELECT
    project_id, project_accum_id, accum_period, customer_id, sum(raw_cost_itd),
    sum(raw_cost_ytd), sum(raw_cost_ptd), sum(billable_raw_cost_itd), sum(billable_raw_cost_ytd),
    sum(billable_raw_cost_ptd), sum(burdened_cost_itd), sum(burdened_cost_ytd),
    sum(burdened_cost_ptd), sum(billable_burdened_cost_itd), sum(billable_burdened_cost_ytd),
    sum(billable_burdened_cost_ptd), sum(revenue_itd), sum(revenue_ytd), sum(revenue_ptd),
    sum(labor_hours_itd), sum(labor_hours_ytd), sum(labor_hours_ptd),
    sum(billable_labor_hours_itd), sum(billable_labor_hours_ytd), sum(billable_labor_hours_ptd),
    budget_type_code1, budget_type1, sum(base_raw_cost_itd1), sum(base_raw_cost_ytd1),
    sum(base_raw_cost_ptd1), sum(base_raw_cost_tot1), sum(orig_raw_cost_itd1),
    sum(orig_raw_cost_ytd1), sum(orig_raw_cost_ptd1), sum(orig_raw_cost_tot1),
    sum(base_burdened_cost_itd1), sum(base_burdened_cost_ytd1), sum(base_burdened_cost_ptd1),
    sum(base_burdened_cost_tot1), sum(orig_burdened_cost_itd1), sum(orig_burdened_cost_ytd1),
    sum(orig_burdened_cost_ptd1), sum(orig_burdened_cost_tot1), sum(orig_labor_hours_itd1),
    sum(orig_labor_hours_ytd1), sum(orig_labor_hours_ptd1), sum(orig_labor_hours_tot1),
    sum(base_labor_hours_itd1), sum(base_labor_hours_ytd1), sum(base_labor_hours_ptd1),
    sum(base_labor_hours_tot1), budget_type_code2, budget_type2, sum(base_raw_cost_itd2),
    sum(base_raw_cost_ytd2), sum(base_raw_cost_ptd2), sum(base_raw_cost_tot2),
    sum(orig_raw_cost_itd2), sum(orig_raw_cost_ytd2), sum(orig_raw_cost_ptd2),
    sum(orig_raw_cost_tot2), sum(base_burdened_cost_itd2), sum(base_burdened_cost_ytd2),
    sum(base_burdened_cost_ptd2), sum(base_burdened_cost_tot2), sum(orig_burdened_cost_itd2),
    sum(orig_burdened_cost_ytd2), sum(orig_burdened_cost_ptd2), sum(orig_burdened_cost_tot2),
    sum(orig_labor_hours_itd2), sum(orig_labor_hours_ytd2), sum(orig_labor_hours_ptd2),
    sum(orig_labor_hours_tot2), sum(base_labor_hours_itd2), sum(base_labor_hours_ytd2),
    sum(base_labor_hours_ptd2), sum(base_labor_hours_tot2), budget_type_code3, budget_type3,
    sum(base_revenue_itd3), sum(base_revenue_ytd3), sum(base_revenue_ptd3),
    sum(base_revenue_tot3), sum(orig_revenue_itd3), sum(orig_revenue_ytd3),
    sum(orig_revenue_ptd3), sum(orig_revenue_tot3), sum(orig_labor_hours_itd3),
    sum(orig_labor_hours_ytd3), sum(orig_labor_hours_ptd3), sum(orig_labor_hours_tot3),
    sum(base_labor_hours_itd3), sum(base_labor_hours_ytd3), sum(base_labor_hours_ptd3),
    sum(base_labor_hours_tot3), budget_type_code4, budget_type4, sum(base_revenue_itd4),
    sum(base_revenue_ytd4), sum(base_revenue_ptd4), sum(base_revenue_tot4),
    sum(orig_revenue_itd4), sum(orig_revenue_ytd4), sum(orig_revenue_ptd4),
    sum(orig_revenue_tot4), sum(orig_labor_hours_itd4), sum(orig_labor_hours_ytd4),
    sum(orig_labor_hours_ptd4), sum(orig_labor_hours_tot4), sum(base_labor_hours_itd4),
    sum(base_labor_hours_ytd4), sum(base_labor_hours_ptd4), sum(base_labor_hours_tot4) FROM
    pa_rpt_cust_summary_base_v Group by project_id, project_accum_id, accum_period, customer_id,
    budget_type_code1, budget_type1, budget_type_code2, budget_type2, budget_type_code3,
    budget_type3, budget_type_code4, budget_type4
```

# Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	The identifier of the project for which the amounts apply
PROJECT_ACCUM_ID	NULL	NUMBER	The identifier which uniquely identifies this line for the actuals and budgets
ACCUM_PERIOD	NULL	VARCHAR2(20)	Last accumulation GL or PA period, depending on the imp. option
CUSTOMER_ID	NULL	NUMBER	The identifier of the customer that is involved with the project
RAW_COST_ITD	NULL	NUMBER	Inception to date raw cost for project
RAW_COST_YTD	NULL	NUMBER	Year to date raw cost for project
RAW_COST_PTD	NULL	NUMBER	Period to date raw cost for PA or GL period
BILLABLE_RAW_COST_ITD	NULL	NUMBER	Inception to date billable raw cost for project
BILLABLE_RAW_COST_YTD	NULL	NUMBER	Year to date billable raw cost for project
BILLABLE_RAW_COST_PTD	NULL	NUMBER	Period to date billable raw cost for PA or GL period
BURDENED_COST_ITD	NULL	NUMBER	Inception to date burdened cost for project
BURDENED_COST_YTD	NULL	NUMBER	Year to date burdened cost for project
BURDENED_COST_PTD	NULL	NUMBER	Period to date burdened cost for PA or GL period
BILLABLE_BURDENED_COST_ITD	NULL	NUMBER	Inception to date billable burdened cost for project
BILLABLE_BURDENED_COST_YTD	NULL	NUMBER	Year to date billable burdened cost for project
BILLABLE_BURDENED_COST_PTD	NULL	NUMBER	Period to date billable burdened cost for PA or GL period
REVENUE_ITD	NULL	NUMBER	Inception to date revenue for project
REVENUE_YTD	NULL	NUMBER	Year to date revenue for project
REVENUE_PTD	NULL	NUMBER	Period to date revenue for PA or GL period
LABOR_HOURS_ITD	NULL	NUMBER	Inception to date labor hours for project
LABOR_HOURS_YTD	NULL	NUMBER	Year to date labor hours for project
LABOR_HOURS_PTD	NULL	NUMBER	Period to date labor hours for PA or GL period
BILLABLE_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date billable labor hours for project
BILLABLE_LABOR_HOURS_YTD	NULL	NUMBER	Year to date billable labor hours for project
BILLABLE_LABOR_HOURS_PTD	NULL	NUMBER	Period to date billable labor hours for PA or GL period
BUDGET_TYPE_CODE1	NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BUDGET_TYPE1	NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
BASE_RAW_COST_ITD1	NULL	NUMBER	Inception to date base raw cost for project

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Column Descriptions (Continued)

Name	Null?	Type	Description
BASE_RAW_COST_YTD1	NULL	NUMBER	Year to date base raw cost for project
BASE_RAW_COST_PTD1	NULL	NUMBER	Period to date base raw cost for PA or GL period
BASE_RAW_COST_TOT1	NULL	NUMBER	Total base raw cost
ORIG_RAW_COST_ITD1	NULL	NUMBER	Inception to date original raw cost for project
ORIG_RAW_COST_YTD1	NULL	NUMBER	Year to date original raw cost for project
ORIG_RAW_COST_PTD1	NULL	NUMBER	Period to date original raw cost for PA or GL period
ORIG_RAW_COST_TOT1	NULL	NUMBER	Total original raw cost
BASE_BURDENED_COST_ITD1	NULL	NUMBER	Inception to date base burdened cost for project
BASE_BURDENED_COST_YTD1	NULL	NUMBER	Year to date base burdened cost for project
BASE_BURDENED_COST_PTD1	NULL	NUMBER	Period to date base burdened cost for PA or GL period
BASE_BURDENED_COST_TOT1	NULL	NUMBER	Total base burdened cost
ORIG_BURDENED_COST_ITD1	NULL	NUMBER	Inception to date original burdened cost for project
ORIG_BURDENED_COST_YTD1	NULL	NUMBER	Year to date original burdened cost for project
ORIG_BURDENED_COST_PTD1	NULL	NUMBER	Period to date original burdened cost for PA or GL period
ORIG_BURDENED_COST_TOT1	NULL	NUMBER	Total original burdened cost
ORIG_LABOR_HOURS_ITD1	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD1	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PTD1	NULL	NUMBER	Period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT1	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_ITD1	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD1	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PTD1	NULL	NUMBER	Period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_TOT1	NULL	NUMBER	Total base labor hours
BUDGET_TYPE_CODE2	NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BUDGET_TYPE2	NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
BASE_RAW_COST_ITD2	NULL	NUMBER	Inception to date base raw cost for project
BASE_RAW_COST_YTD2	NULL	NUMBER	Year to date base raw cost for project
BASE_RAW_COST_PTD2	NULL	NUMBER	Period to date base raw cost for PA or GL period
BASE_RAW_COST_TOT2	NULL	NUMBER	Total base raw cost
ORIG_RAW_COST_ITD2	NULL	NUMBER	Inception to date original raw cost for project
ORIG_RAW_COST_YTD2	NULL	NUMBER	Year to date original raw cost for project
ORIG_RAW_COST_PTD2	NULL	NUMBER	Period to date original raw cost for PA or GL period
ORIG_RAW_COST_TOT2	NULL	NUMBER	Total original raw cost

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Column Descriptions (Continued)

Name	Null?	Type	Description
BASE_BURDENED_COST_ITD2	NULL	NUMBER	Inception to date base burdened cost for project
BASE_BURDENED_COST_YTD2	NULL	NUMBER	Year to date base burdened cost for project
BASE_BURDENED_COST_PTD2	NULL	NUMBER	Period to date base burdened cost for PA or GL period
BASE_BURDENED_COST_TOT2	NULL	NUMBER	Total base burdened cost
ORIG_BURDENED_COST_ITD2	NULL	NUMBER	Inception to date original burdened cost for project
ORIG_BURDENED_COST_YTD2	NULL	NUMBER	Year to date original burdened cost for project
ORIG_BURDENED_COST_PTD2	NULL	NUMBER	Period to date original burdened cost for PA or GL period
ORIG_BURDENED_COST_TOT2	NULL	NUMBER	Total original burdened cost
ORIG_LABOR_HOURS_ITD2	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD2	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PTD2	NULL	NUMBER	Period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT2	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_ITD2	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD2	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PTD2	NULL	NUMBER	Period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_TOT2	NULL	NUMBER	Total base labor hours
BUDGET_TYPE_CODE3	NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BUDGET_TYPE3	NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
BASE_REVENUE_ITD3	NULL	NUMBER	Inception to date base revenue for project
BASE_REVENUE_YTD3	NULL	NUMBER	Year to date base revenue for project
BASE_REVENUE_PTD3	NULL	NUMBER	Period to date base revenue for PA or GL period
BASE_REVENUE_TOT3	NULL	NUMBER	Total base revenue
ORIG_REVENUE_ITD3	NULL	NUMBER	Inception to date original revenue for project
ORIG_REVENUE_YTD3	NULL	NUMBER	Year to date original revenue for project
ORIG_REVENUE_PTD3	NULL	NUMBER	Period to date original revenue for PA or GL period
ORIG_REVENUE_TOT3	NULL	NUMBER	Total original revenue
ORIG_LABOR_HOURS_ITD3	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD3	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PTD3	NULL	NUMBER	Period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT3	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_ITD3	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD3	NULL	NUMBER	Year to date base labor hours for project

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BASE\_LABOR\_HOURS\_PTD3

NULL NUMBER

Period to date base labor  
hours for PA or GL period*Column Descriptions (Continued)*

Name	Null?	Type	Description
BASE_LABOR_HOURS_TOT3	NULL	NUMBER	Total base labor hours
BUDGET_TYPE_CODE4	NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BUDGET_TYPE4	NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
BASE_REVENUE_ITD4	NULL	NUMBER	Inception to date base revenue for project
BASE_REVENUE_YTD4	NULL	NUMBER	Year to date base revenue for project
BASE_REVENUE_PTD4	NULL	NUMBER	Period to date base revenue for PA or GL period
BASE_REVENUE_TOT4	NULL	NUMBER	Total base revenue
ORIG_REVENUE_ITD4	NULL	NUMBER	Inception to date original revenue for project
ORIG_REVENUE_YTD4	NULL	NUMBER	Year to date original revenue for project
ORIG_REVENUE_PTD4	NULL	NUMBER	Period to date original revenue for PA or GL period
ORIG_REVENUE_TOT4	NULL	NUMBER	Total original revenue
ORIG_LABOR_HOURS_ITD4	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD4	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PTD4	NULL	NUMBER	Period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT4	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_ITD4	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD4	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PTD4	NULL	NUMBER	Period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_TOT4	NULL	NUMBER	Total base labor hours

# PA\_RPT\_PRJ\_ACT\_SUMMARY

PA\_RPT\_PRJ\_ACT\_SUMMARY displays summary project level actual information for Oracle Discoverer Workbooks. All Reporting Profiles must be set up at the site level of the application in order to use this view correctly.

### View Definition

```
CREATE VIEW PA_RPT_PRJ_ACT_SUMMARY
as SELECT
    pah.PROJECT_ACCUM_ID , pah.accum_period , paa.RAW_COST_ITD, paa.RAW_COST_YTD ,
    paa.RAW_COST_PP, paa.RAW_COST_PTD , paa.BILLABLE_RAW_COST_ITD , paa.BILLABLE_RAW_COST_YTD ,
    paa.BILLABLE_RAW_COST_PP , paa.BILLABLE_RAW_COST_PTD , paa.BURDENED_COST_ITD ,
    paa.BURDENED_COST_YTD , paa.BURDENED_COST_PP , paa.BURDENED_COST_PTD ,
    paa.BILLABLE_BURDENED_COST_ITD , paa.BILLABLE_BURDENED_COST_YTD ,
    paa.BILLABLE_BURDENED_COST_PP , paa.BILLABLE_BURDENED_COST_PTD , paa.LABOR_HOURS_ITD ,
    paa.LABOR_HOURS_YTD , paa.LABOR_HOURS_PP , paa.LABOR_HOURS_PTD , paa.BILLABLE_LABOR_HOURS_ITD
    , paa.BILLABLE_LABOR_HOURS_YTD , paa.BILLABLE_LABOR_HOURS_PP, paa.BILLABLE_LABOR_HOURS_PTD ,
    paa.REVENUE_ITD , paa.REVENUE_YTD , paa.REVENUE_PP , paa.REVENUE_PTD , pah.project_id FROM
    pa_project_accum_actuals paa , pa_project_accum_headers pah , pa_projects ppa
    Where paa.project_accum_id = pah.project_accum_id AND pah.resource_list_member_id = 0 AND
    pah.project_id = ppa.project_id AND pah.task_id = 0
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCUM_ID	NOT NULL	NUMBER(15)	The identifier which uniquely identifies this line for the actuals and budgets
ACCUM_PERIOD	NULL	VARCHAR2(20)	Last accumulation GL or PA period, depending on the imp. option
RAW_COST_ITD	NULL	NUMBER	Inception to date raw cost for project
RAW_COST_YTD	NULL	NUMBER	Year to date raw cost for project
RAW_COST_PP	NULL	NUMBER	Prior period to date raw cost for project
RAW_COST_PTD	NULL	NUMBER	Period to date raw cost for PA or GL period
BILLABLE_RAW_COST_ITD	NULL	NUMBER	Inception to date billable raw cost for project
BILLABLE_RAW_COST_YTD	NULL	NUMBER	Year to date billable raw cost for project
BILLABLE_RAW_COST_PP	NULL	NUMBER	Prior period to date billable raw cost for project
BILLABLE_RAW_COST_PTD	NULL	NUMBER	Period to date billable raw cost for PA or GL period
BURDENED_COST_ITD	NULL	NUMBER	Inception to date burdened cost for project
BURDENED_COST_YTD	NULL	NUMBER	Year to date burdened cost for project
BURDENED_COST_PP	NULL	NUMBER	Prior period to date burdened cost for project
BURDENED_COST_PTD	NULL	NUMBER	Period to date burdened cost for PA or GL period

Column Descriptions (Continued)

Name	Null?	Type	Description
BILLABLE_BURDENED_COST_ITD	NULL	NUMBER	Inception to date billable burdened cost for project
BILLABLE_BURDENED_COST_YTD	NULL	NUMBER	Year to date billable burdened cost for project
BILLABLE_BURDENED_COST_PP	NULL	NUMBER	Prior period to date billable burdened cost for project
BILLABLE_BURDENED_COST_PTD	NULL	NUMBER	Period to date billable burdened cost for PA or GL period
LABOR_HOURS_ITD	NULL	NUMBER	Inception to date labor hours for project
LABOR_HOURS_YTD	NULL	NUMBER	Year to date labor hours for project
LABOR_HOURS_PP	NULL	NUMBER	Prior period to date labor hours for project
LABOR_HOURS_PTD	NULL	NUMBER	Period to date labor hours for PA or GL period
BILLABLE_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date billable labor hours for project
BILLABLE_LABOR_HOURS_YTD	NULL	NUMBER	Year to date billable labor hours for project
BILLABLE_LABOR_HOURS_PP	NULL	NUMBER	Prior period to date billable labor hours for project
BILLABLE_LABOR_HOURS_PTD	NULL	NUMBER	Period to date billable labor hours for PA or GL period
REVENUE_ITD	NULL	NUMBER	Inception to date revenue for project
REVENUE_YTD	NULL	NUMBER	Year to date revenue for project
REVENUE_PP	NULL	NUMBER	Prior period to date revenue for PA or GL period
REVENUE_PTD	NULL	NUMBER	Period to date revenue for PA or GL period
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the amounts apply

## PA\_RPT\_PRJ\_BGT\_SUMMARY

Reporting view that displays project level budget information for Oracle Discoverer Workbooks. All Reporting Profiles must be set up at the site level of the application in order to use this view correctly.

### View Definition

```
CREATE VIEW PA_RPT_PRJ_BGT_SUMMARY
as SELECT
    pah.PROJECT_ACCUM_ID , pab.BUDGET_TYPE_CODE , pah.accum_period , pab.BASE_RAW_COST_ITD ,
    pab.BASE_RAW_COST_YTD , pab.BASE_RAW_COST_PP , pab.BASE_RAW_COST_PTD ,
    pab.BASE_BURDENED_COST_ITD , pab.BASE_BURDENED_COST_YTD , pab.BASE_BURDENED_COST_PP ,
    pab.BASE_BURDENED_COST_PTD , pab.ORIG_RAW_COST_ITD , pab.ORIG_RAW_COST_YTD ,
    pab.ORIG_RAW_COST_PP , pab.ORIG_RAW_COST_PTD , pab.ORIG_BURDENED_COST_ITD ,
    pab.ORIG_BURDENED_COST_YTD , pab.ORIG_BURDENED_COST_PP , pab.ORIG_BURDENED_COST_PTD ,
    pab.BASE_REVENUE_ITD , pab.BASE_REVENUE_YTD , pab.BASE_REVENUE_PP , pab.BASE_REVENUE_PTD ,
    pab.ORIG_REVENUE_ITD , pab.ORIG_REVENUE_YTD , pab.ORIG_REVENUE_PP , pab.ORIG_REVENUE_PTD ,
    pab.ORIG_LABOR_HOURS_ITD , pab.ORIG_LABOR_HOURS_YTD , pab.ORIG_LABOR_HOURS_PP ,
    pab.ORIG_LABOR_HOURS_PTD , pab.BASE_LABOR_HOURS_ITD , pab.BASE_LABOR_HOURS_YTD ,
    pab.BASE_LABOR_HOURS_PP , pab.BASE_LABOR_HOURS_PTD , pab.ORIG_LABOR_HOURS_TOT ,
    pab.BASE_LABOR_HOURS_TOT , pab.BASE_RAW_COST_TOT , pab.BASE_BURDENED_COST_TOT ,
    pab.ORIG_RAW_COST_TOT , pab.ORIG_BURDENED_COST_TOT , pab.BASE_REVENUE_TOT ,
    pab.ORIG_REVENUE_TOT , pah.project_id , pbt.budget_amount_code, pbt.budget_type FROM
    pa_project_accum_budgets pab , pa_project_accum_headers pah , pa_projects ppa ,
    pa_budget_types pbt
    Where pab.project_accum_id = pah.project_accum_id AND pah.resource_list_member_id = 0 AND
    pab.budget_type_code = pbt.budget_type_code AND pah.task_id = 0 AND pah.project_id =
    ppa.project_id
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCUM_ID	NOT NULL	NUMBER(15)	The identifier which uniquely identifies this line for the actuals and budgets
BUDGET_TYPE_CODE	NOT NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
ACCUM_PERIOD	NULL	VARCHAR2(20)	Last accumulation GL or PA period, depending on the imp. option
BASE_RAW_COST_ITD	NULL	NUMBER	Inception to date base raw cost for project
BASE_RAW_COST_YTD	NULL	NUMBER	Year to date base raw cost for project
BASE_RAW_COST_PP	NULL	NUMBER	Prior period to date base raw cost for PA or GL period
BASE_RAW_COST_PTD	NULL	NUMBER	Period to date base raw cost for PA or GL period
BASE_BURDENED_COST_ITD	NULL	NUMBER	Inception to date base burdened cost for project
BASE_BURDENED_COST_YTD	NULL	NUMBER	Year to date base burdened cost for project

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Column Descriptions (Continued)

Name	Null?	Type	Description
BASE_BURDENED_COST_PP	NULL	NUMBER	Prior period to date base burdened cost for PA or GL period
BASE_BURDENED_COST_PTD	NULL	NUMBER	Period to date base burdened cost for PA or GL period
ORIG_RAW_COST_ITD	NULL	NUMBER	Inception to date original raw cost for project
ORIG_RAW_COST_YTD	NULL	NUMBER	Year to date original raw cost for project
ORIG_RAW_COST_PP	NULL	NUMBER	Prior period to date original raw cost for PA or GL period
ORIG_RAW_COST_PTD	NULL	NUMBER	Period to date original raw cost for PA or GL period
ORIG_BURDENED_COST_ITD	NULL	NUMBER	Inception to date original burdened cost for project
ORIG_BURDENED_COST_YTD	NULL	NUMBER	Year to date original burdened cost for project
ORIG_BURDENED_COST_PP	NULL	NUMBER	Prior period to date original burdened cost for PA or GL period
ORIG_BURDENED_COST_PTD	NULL	NUMBER	Period to date original burdened cost for PA or GL period
BASE_REVENUE_ITD	NULL	NUMBER	Inception to date base revenue for project
BASE_REVENUE_YTD	NULL	NUMBER	Year to date base revenue for project
BASE_REVENUE_PP	NULL	NUMBER	Prior period to date base revenue for PA or GL period
BASE_REVENUE_PTD	NULL	NUMBER	Period to date base revenue for PA or GL period
ORIG_REVENUE_ITD	NULL	NUMBER	Inception to date original revenue for project
ORIG_REVENUE_YTD	NULL	NUMBER	Year to date original revenue for project
ORIG_REVENUE_PP	NULL	NUMBER	Prior period to date original revenue for PA or GL period
ORIG_REVENUE_PTD	NULL	NUMBER	Period to date original revenue for PA or GL period
ORIG_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PP	NULL	NUMBER	Prior period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_PTD	NULL	NUMBER	Period to date original labor hours for PA or GL period
BASE_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PP	NULL	NUMBER	Prior period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_PTD	NULL	NUMBER	Period to date base labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_TOT	NULL	NUMBER	Total base labor hours
BASE_RAW_COST_TOT	NULL	NUMBER	Total base raw cost
BASE_BURDENED_COST_TOT	NULL	NUMBER	Total base burdened cost

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ORIG_RAW_COST_TOT	NULL	NUMBER	Total original raw cost
ORIG_BURDENED_COST_TOT	NULL	NUMBER	Total original burdened cost

*Column Descriptions (Continued)*

Name	Null?	Type	Description
BASE_REVENUE_TOT	NULL	NUMBER	Total base revenue
ORIG_REVENUE_TOT	NULL	NUMBER	Total original revenue
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the amounts apply
BUDGET_AMOUNT_CODE	NOT NULL	VARCHAR2(30)	The amount type indicator for the budget
BUDGET_TYPE	NOT NULL	VARCHAR2(30)	The short, user-friendly name of the budget type

## PA\_RPT\_PRJ\_CMT\_SUMMARY

PA\_RPT\_PRJ\_CMT\_SUMMARY displays summary project level commitments information for Oracle Discoverer Workbooks. All Reporting Profiles must be set up at the site level of the application in order to use this view correctly.

View Definition

```
CREATE VIEW PA_RPT_PRJ_CMT_SUMMARY
as SELECT
    pah.PROJECT_ACCUM_ID , pah.ACCUM_PERIOD , pac.CMT_RAW_COST_PTD ,
    pac.CMT_BURDENED_COST_PTD , pah.project_id FROM pa_project_accum_headers pah ,
    pa_project_accum_commitments pac , pa_projects ppa
    Where pac.project_accum_id = pah.project_accum_id AND pah.project_id = ppa.project_id AND
    pah.task_id = 0 AND pah.resource_list_member_id = 0
```

Column Descriptions

Name	Null?	Type	Description
PROJECT_ACCUM_ID	NOT NULL	NUMBER(15)	The identifier which uniquely identifies this line for the actuals and budgets
ACCUM_PERIOD	NULL	VARCHAR2(20)	Last accumulation GL or PA period, depending on the imp. option
CMT_RAW_COST	NULL	NUMBER	Commitment raw cost for the project
CMT_BURDENED_COST	NULL	NUMBER	Commitment burdened cost for the project
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the amounts apply

## PA\_RPT\_PRJ\_SUMMARY

PA\_RPT\_PRJ\_SUMMARY displays summary project level actual, budget, and commitment information for Oracle Discoverer Workbooks. Reporting Profiles must be set up at the site level of the application in order to use this view correctly. Specifically, all four Reporting Budget Type profiles need to be set up in order to return all the values from this view.

### *View Definition*

```
CREATE VIEW PA_RPT_PRJ_SUMMARY
as SELECT
    project_id,
    project_accum_id,
    accum_period,
    sum(raw_cost_itd),
    sum(raw_cost_ytd),
    sum(raw_cost_ptd),
    sum(billable_raw_cost_itd),
    sum(billable_raw_cost_ytd),
    sum(billable_raw_cost_ptd),
    sum(burdened_cost_itd),
    sum(burdened_cost_ytd),
    sum(burdened_cost_ptd),
    sum(billable_burdened_cost_itd),
    sum(billable_burdened_cost_ytd),
    sum(billable_burdened_cost_ptd),
    sum(revenue_itd),
    sum(revenue_ytd),
    sum(revenue_ptd),
    sum(labor_hours_itd),
    sum(labor_hours_ytd),
    sum(labor_hours_ptd),
    sum(billable_labor_hours_itd),
    sum(billable_labor_hours_ytd),
    sum(billable_labor_hours_ptd),
    budget_type_code1,
    budget_type1,
    sum(base_raw_cost_itd1),
    sum(base_raw_cost_ytd1),
    sum(base_raw_cost_ptd1),
    sum(base_raw_cost_tot1),
    sum(orig_raw_cost_itd1),
    sum(orig_raw_cost_ytd1),
    sum(orig_raw_cost_ptd1),
    sum(orig_raw_cost_tot1),
    sum(base_burdened_cost_itd1),
    sum(base_burdened_cost_ytd1),
    sum(base_burdened_cost_ptd1),
    sum(base_burdened_cost_tot1),
    sum(orig_burdened_cost_itd1),
    sum(orig_burdened_cost_ytd1),
    sum(orig_burdened_cost_ptd1),
    sum(orig_burdened_cost_tot1),
```

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```

sum(orig_labor_hours_itd1),
sum(orig_labor_hours_ytd1),
sum(orig_labor_hours_ptd1),
sum(orig_labor_hours_tot1),
sum(base_labor_hours_itd1),
sum(base_labor_hours_ytd1),
sum(base_labor_hours_ptd1),
sum(base_labor_hours_tot1),
budget_type_code2,
budget_type2,
sum(base_raw_cost_itd2),
sum(base_raw_cost_ytd2),
sum(base_raw_cost_ptd2),
sum(base_raw_cost_tot2),
sum(orig_raw_cost_itd2),
sum(orig_raw_cost_ytd2),
sum(orig_raw_cost_ptd2),
sum(orig_raw_cost_tot2),
sum(base_burdened_cost_itd2),
sum(base_burdened_cost_ytd2),
sum(base_burdened_cost_ptd2),
sum(base_burdened_cost_tot2),
sum(orig_burdened_cost_itd2),
sum(orig_
    burdened_cost_ytd2),
sum(orig_burdened_cost_ptd2),
sum(orig_burdened_cost_tot2),
sum(orig_labor_hours_itd2),
sum(orig_labor_hours_ytd2),
sum(orig_labor_hours_ptd2),
sum(orig_labor_hours_tot2),
sum(base_labor_hours_itd2),
sum(base_labor_hours_ytd2),
sum(base_labor_hours_ptd2),
sum(base_labor_hours_tot2),
budget_type_code3,
budget_type3,
sum(base_revenue_itd3),
sum(base_revenue_ytd3),
sum(base_revenue_ptd3),
sum(base_revenue_tot3),
sum(orig_revenue_itd3),
sum(orig_revenue_ytd3),
sum(orig_revenue_ptd3),
sum(orig_revenue_tot3),
sum(orig_labor_hours_itd3),
sum(orig_labor_hours_ytd3),
sum(orig_labor_hours_ptd3),
sum(orig_labor_hours_tot3),
sum(base_labor_hours_itd3),
sum(base_labor_hours_ytd3),
sum(base_labor_hours_ptd3),
sum(base_labor_hours_tot3),
budget_type_code4,
budget_type4,
sum(base_revenue_itd4),
sum(base_revenue_ytd4),

```

```

sum(base_revenue_ptd4),
sum(base_revenue_tot4),
sum(orig_revenue_itd4),
sum(orig_revenue_ytd4),
sum(orig_revenue_ptd4),
sum(orig_revenue_tot4),
sum(orig_labor_hours_itd4),
sum(orig_labor_hours_ytd4),
sum(orig_labor_hours_ptd4),
sum(orig_labor_hours_tot4),
sum(base_labor_hours_itd4),
sum(base_labor_hours_ytd4),
sum(base_labor_hours_ptd4),
sum(base_labor_hours_tot4),
sum(cmt_raw_cost),
sum(cmt_burdened_cost)
FROM pa_rpt_prj_summary_base_v

```

```

Group by
project_id,
project_accum_id,
accum_period,
budget_type_code1,
budget_type1,
budget_type_code2,
budget_type2,
budget_type_code3,
budget_type3,
budget_type_code4,
budget_type4

```

#### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER	The identifier of the project for which the amounts apply
PROJECT_ACCUM_ID	NULL	NUMBER	The identifier which uniquely identifies this line for the actuals and budgets
ACCUM_PERIOD	NULL	VARCHAR2(20)	Last accumulation GL or PA period, depending on the imp. option
RAW_COST_ITD	NULL	NUMBER	Inception to date raw cost for project
RAW_COST_YTD	NULL	NUMBER	Year to date raw cost for project
RAW_COST_PTD	NULL	NUMBER	Period to date raw cost for PA or GL period
BILLABLE_RAW_COST_ITD	NULL	NUMBER	Inception to date billable raw cost for project
BILLABLE_RAW_COST_YTD	NULL	NUMBER	Year to date billable raw cost for project
BILLABLE_RAW_COST_PTD	NULL	NUMBER	Period to date billable raw cost for PA or GL period
BURDENED_COST_ITD	NULL	NUMBER	Inception to date burdened cost for project
BURDENED_COST_YTD	NULL	NUMBER	Year to date burdened cost for project
BURDENED_COST_PTD	NULL	NUMBER	Period to date burdened cost for PA or GL period

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Column Descriptions (Continued)

Name	Null?	Type	Description
BILLABLE_BURDENED_COST_ITD	NULL	NUMBER	Inception to date billable burdened cost for project
BILLABLE_BURDENED_COST_YTD	NULL	NUMBER	Year to date billable burdened cost for project
BILLABLE_BURDENED_COST_PTD	NULL	NUMBER	Period to date billable burdened cost for PA or GL period
REVENUE_ITD	NULL	NUMBER	Inception to date revenue for project
REVENUE_YTD	NULL	NUMBER	Year to date revenue for project
REVENUE_PTD	NULL	NUMBER	Period to date revenue for PA or GL period
LABOR_HOURS_ITD	NULL	NUMBER	Inception to date labor hours for project
LABOR_HOURS_YTD	NULL	NUMBER	Year to date labor hours for project
LABOR_HOURS_PTD	NULL	NUMBER	Period to date labor hours for PA or GL period
BILLABLE_LABOR_HOURS_ITD	NULL	NUMBER	Inception to date billable labor hours for project
BILLABLE_LABOR_HOURS_YTD	NULL	NUMBER	Year to date billable labor hours for project
BILLABLE_LABOR_HOURS_PTD	NULL	NUMBER	Period to date billable labor hours for PA or GL period
BUDGET_TYPE_CODE1	NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BUDGET_TYPE1	NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
BASE_RAW_COST_ITD1	NULL	NUMBER	Inception to date base raw cost for project
BASE_RAW_COST_YTD1	NULL	NUMBER	Year to date base raw cost for project
BASE_RAW_COST_PTD1	NULL	NUMBER	Period to date base raw cost for PA or GL period
BASE_RAW_COST_TOT1	NULL	NUMBER	Total base raw cost
ORIG_RAW_COST_ITD1	NULL	NUMBER	Inception to date original raw cost for project
ORIG_RAW_COST_YTD1	NULL	NUMBER	Year to date original raw cost for project
ORIG_RAW_COST_PTD1	NULL	NUMBER	Period to date original raw cost for PA or GL period
ORIG_RAW_COST_TOT1	NULL	NUMBER	Total original raw cost
BASE_BURDENED_COST_ITD1	NULL	NUMBER	Inception to date base burdened cost for project
BASE_BURDENED_COST_YTD1	NULL	NUMBER	Year to date base burdened cost for project
BASE_BURDENED_COST_PTD1	NULL	NUMBER	Period to date base burdened cost for PA or GL period
BASE_BURDENED_COST_TOT1	NULL	NUMBER	Total base burdened cost
ORIG_BURDENED_COST_ITD1	NULL	NUMBER	Inception to date original burdened cost for project
ORIG_BURDENED_COST_YTD1	NULL	NUMBER	Year to date original burdened cost for project
ORIG_BURDENED_COST_PTD1	NULL	NUMBER	Period to date original burdened cost for PA or GL period
ORIG_BURDENED_COST_TOT1	NULL	NUMBER	Total original burdened cost
ORIG_LABOR_HOURS_ITD1	NULL	NUMBER	Inception to date original labor hours for project

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORIG_LABOR_HOURS_YTD1	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PTD1	NULL	NUMBER	Period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT1	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_ITD1	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD1	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PTD1	NULL	NUMBER	Period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_TOT1	NULL	NUMBER	Total base labor hours
BUDGET_TYPE_CODE2	NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BUDGET_TYPE2	NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
BASE_RAW_COST_ITD2	NULL	NUMBER	Inception to date base raw cost for project
BASE_RAW_COST_YTD2	NULL	NUMBER	Year to date base raw cost for project
BASE_RAW_COST_PTD2	NULL	NUMBER	Period to date base raw cost for PA or GL period
BASE_RAW_COST_TOT2	NULL	NUMBER	Total base raw cost
ORIG_RAW_COST_ITD2	NULL	NUMBER	Inception to date original raw cost for project
ORIG_RAW_COST_YTD2	NULL	NUMBER	Year to date original raw cost for project
ORIG_RAW_COST_PTD2	NULL	NUMBER	Period to date original raw cost for PA or GL period
ORIG_RAW_COST_TOT2	NULL	NUMBER	Total original raw cost
BASE_BURDENED_COST_ITD2	NULL	NUMBER	Inception to date base burdened cost for project
BASE_BURDENED_COST_YTD2	NULL	NUMBER	Year to date base burdened cost for project
BASE_BURDENED_COST_PTD2	NULL	NUMBER	Period to date base burdened cost for PA or GL period
BASE_BURDENED_COST_TOT2	NULL	NUMBER	Total base burdened cost
ORIG_BURDENED_COST_ITD2	NULL	NUMBER	Inception to date original burdened cost for project
ORIG_BURDENED_COST_YTD2	NULL	NUMBER	Year to date original burdened cost for project
ORIG_BURDENED_COST_PTD2	NULL	NUMBER	Period to date original burdened cost for PA or GL period
ORIG_BURDENED_COST_TOT2	NULL	NUMBER	Total original burdened cost
ORIG_LABOR_HOURS_ITD2	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD2	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PTD2	NULL	NUMBER	Period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT2	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_ITD2	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD2	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PTD2	NULL	NUMBER	Period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_TOT2	NULL	NUMBER	Total base labor hours

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Column Descriptions (Continued)

Name	Null?	Type	Description
BUDGET_TYPE_CODE3	NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BUDGET_TYPE3	NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
BASE_REVENUE_ITD3	NULL	NUMBER	Inception to date base revenue for project
BASE_REVENUE_YTD3	NULL	NUMBER	Year to date base revenue for project
BASE_REVENUE_PTD3	NULL	NUMBER	Period to date base revenue for PA or GL period
BASE_REVENUE_TOT3	NULL	NUMBER	Total base revenue
ORIG_REVENUE_ITD3	NULL	NUMBER	Inception to date original revenue for project
ORIG_REVENUE_YTD3	NULL	NUMBER	Year to date original revenue for project
ORIG_REVENUE_PTD3	NULL	NUMBER	Period to date original revenue for PA or GL period
ORIG_REVENUE_TOT3	NULL	NUMBER	Total original revenue
ORIG_LABOR_HOURS_ITD3	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD3	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PTD3	NULL	NUMBER	Period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT3	NULL	NUMBER	Total original labor hours
BASE_LABOR_HOURS_ITD3	NULL	NUMBER	Inception to date base labor hours for project
BASE_LABOR_HOURS_YTD3	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PTD3	NULL	NUMBER	Period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_TOT3	NULL	NUMBER	Total base labor hours
BUDGET_TYPE_CODE4	NULL	VARCHAR2(30)	The identifier of budget type for which this line was created
BUDGET_TYPE4	NULL	VARCHAR2(30)	The short, user-friendly name of the budget type
BASE_REVENUE_ITD4	NULL	NUMBER	Inception to date base revenue for project
BASE_REVENUE_YTD4	NULL	NUMBER	Year to date base revenue for project
BASE_REVENUE_PTD4	NULL	NUMBER	Period to date base revenue for PA or GL period
BASE_REVENUE_TOT4	NULL	NUMBER	Total base revenue
ORIG_REVENUE_ITD4	NULL	NUMBER	Inception to date original revenue for project
ORIG_REVENUE_YTD4	NULL	NUMBER	Year to date original revenue for project
ORIG_REVENUE_PTD4	NULL	NUMBER	Period to date original revenue for PA or GL period
ORIG_REVENUE_TOT4	NULL	NUMBER	Total original revenue
ORIG_LABOR_HOURS_ITD4	NULL	NUMBER	Inception to date original labor hours for project
ORIG_LABOR_HOURS_YTD4	NULL	NUMBER	Year to date original labor hours for project
ORIG_LABOR_HOURS_PTD4	NULL	NUMBER	Period to date original labor hours for PA or GL period
ORIG_LABOR_HOURS_TOT4	NULL	NUMBER	Total original labor hours

BASE_LABOR_HOURS_ITD4	NULL	NUMBER	Inception to date base labor hours for project
-----------------------	------	--------	--

*Column Descriptions (Continued)*

Name	Null?	Type	Description
BASE_LABOR_HOURS_YTD4	NULL	NUMBER	Year to date base labor hours for project
BASE_LABOR_HOURS_PTD4	NULL	NUMBER	Period to date base labor hours for PA or GL period
BASE_LABOR_HOURS_TOT4	NULL	NUMBER	Total base labor hours
CMT_RAW_COST	NULL	NUMBER	Commitment raw cost
CMT_BURDENED_COST	NULL	NUMBER	Commitment burdened cost

## PA\_RPT\_PROJECT\_ATTRIBUTES

Reporting view that displays information about projects for Oracle Discoverer Workbooks. All Reporting Profiles must be set up at the site level of the application in order to use this view correctly. Specifically, the Reporting Class Category and Reporting Role Type profiles need to be set in order to retrieve data for the Class Category, Class Code, Project Role Type, and Project Key Member items to return values.

### View Definition

```
CREATE VIEW PA_RPT_PROJECT_ATTRIBUTES
as SELECT
    ppa.project_id , pps.project_status_name , ppa.name , ppa.segment1 , ppa.start_date ,
    ppa.completion_date , ppa.closed_date , ppa.pm_product_code , ppa.pm_project_reference ,
    ppa.carrying_out_organization_id , poul.name , ppa.project_type , ppt.project_type_class_code
    , ppa.org_id , pou2.name , pa_rpt_utils.get_rpt_class_category(1) ,
    pa_rpt_utils.project_rpt_class( ppa.project_id, pa_rpt_utils.get_rpt_class_category(1)) ,
    pa_rpt_utils.get_rpt_class_category(2) , pa_rpt_utils.project_rpt_class( ppa.project_id,
    pa_rpt_utils.get_rpt_class_category(2)) , pa_rpt_utils.get_rpt_class_category(3) ,
    pa_rpt_utils.project_rpt_class( ppa.project_id, pa_rpt_utils.get_rpt_class_category(3)) ,
    pa_rpt_utils.get_rpt_role_type(1) , pa_rpt_utils.project_rpt_keymember(ppa.project_id,
    pa_rpt_utils.get_rpt_role_type(1)) , pa_rpt_utils.get_rpt_role_type(2) ,
    pa_rpt_utils.project_rpt_keymember(ppa.project_id, pa_rpt_utils.get_rpt_role_type(2)) ,
    pa_rpt_utils.get_rpt_role_type(3) , pa_rpt_utils.project_rpt_keymember(ppa.project_id,
    pa_rpt_utils.get_rpt_role_type(3)) , ppsc.ENABLED_FLAG FROM pa_projects ppa ,
    pa_project_types ppt , hr_organization_units poul , hr_all_organization_units pou2 ,
    pa_project_statuses pps , pa_project_status_controls ppsc
    Where ppa.project_type = ppt.project_type and ppa.project_status_code =
    pps.project_status_code and ppa.carrying_out_organization_id = poul.organization_id and
    ppa.org_id=pou2.organization_id(+) and ppa.template_flag = 'N' and
    PA_SECURITY.ALLOW_QUERY(ppa.PROJECT_ID) = 'Y' and pps.project_status_code =
    ppsc.project_status_code and ppsc.action_code = 'STATUS_REPORTING'
```

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the project
PROJECT_STATUS	NOT NULL	VARCHAR2(80)	The user-defined project status name
PROJECT_NAME	NOT NULL	VARCHAR2(30)	User-defined name that uniquely identifies the project
PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	The project number that uniquely identifies the project. The project number can be user-entered or system-generated as defined in the implementation options
START_DATE	NULL	DATE	The date on which the project starts
COMPLETION_DATE	NULL	DATE	The date on which the project is completed.

Column Descriptions (Continued)

Name	Null?	Type	Description
CLOSED_DATE	NULL	DATE	The date that the project was closed by changing the project status to Closed
PM_PRODUCT	NULL	VARCHAR2(30)	The identifier of the external project management system from which the project was imported
PM_PROJECT_REFERENCE	NULL	VARCHAR2(25)	The identifier of the project in the external project management system from which the project was imported
PROJECT_ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the organization that is responsible for the project work
PROJECT_ORGANIZATION_NAME	NOT NULL	VARCHAR2(60)	Name of the organization
PROJECT_TYPE	NOT NULL	VARCHAR2(20)	The project type that classifies the project and defaults project information upon project entry
PROJECT_TYPE_CLASS_CODE	NULL	VARCHAR2(30)	Indicates the class of project type
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	Name of the organization
CLASS_CATEGORY1	NULL	VARCHAR2(4000)	The reporting class category attributes
CLASS_CODE1	NULL	VARCHAR2(4000)	The class code assigned to the project
CLASS_CATEGORY2	NULL	VARCHAR2(4000)	The reporting class category attributes
CLASS_CODE2	NULL	VARCHAR2(4000)	The class code assigned to the project
CLASS_CATEGORY3	NULL	VARCHAR2(4000)	The reporting class category attributes
CLASS_CODE3	NULL	VARCHAR2(4000)	The class code assigned to the project
PROJECT_ROLE_TYPE1	NULL	VARCHAR2(4000)	The reporting project role type attributes
PROJECT_KEYMEMBER1	NULL	VARCHAR2(4000)	The key member assigned to the project for the given project role type
PROJECT_ROLE_TYPE2	NULL	VARCHAR2(4000)	The reporting project role type attributes
PROJECT_KEYMEMBER2	NULL	VARCHAR2(4000)	The key member assigned to the project for the given project role type
PROJECT_ROLE_TYPE3	NULL	VARCHAR2(4000)	The reporting project role type attributes
PROJECT_KEYMEMBER3	NULL	VARCHAR2(4000)	The key member assigned to the project for the given project role type
STATUS_REPORTING_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the project has been enabled for status reporting

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## PA\_RULES

PA\_RULES stores implementation-defined formulas for deriving accounting flexfield segment values using AutoAccounting.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PARAMETERS	PARAMETER_ID	KEY_PARAMETER_ID
PA_SEGMENT_VALUE_LOOKUP_SETS	SEGMENT_VALUE_LOOKUP_SET_ID	SEGMENT_VALUE_LOOKUP_SET_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
KEY_SOURCE	INTER VALUE SOURCE	PA_LOOKUPS
	C	Constant
	P	Parameter
	S	SQL Select Statement
RULE_TYPE	SEGMENT VALUE SOURCE	PA_LOOKUPS
	K	Intermediate Value
	L	Segment Value Lookup Set

### Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the rule
RULE_NAME	NOT NULL	VARCHAR2(60)	The implementation-defined name that uniquely identifies the rule
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
RULE_TYPE	NOT NULL	VARCHAR2(1)	The method by which the segment value is derived from the intermediate value
KEY_SOURCE	NOT NULL	VARCHAR2(1)	The source of the intermediate value
DESCRIPTION	NUL	VARCHAR2(250)	Description of the rule
USER_UPDATABLE_FLAG	NUL	VARCHAR2(1)	Flag that indicates whether the rule can be updated by a user. All rules used by Oracle Projects are user entered and user updateable. This flag is always set to 'Y'
CONSTANT_VALUE	NUL	VARCHAR2(250)	The value of the constant intermediate value source
SELECT_STATEMENT	NUL	LONG	The SQL statement that selects the intermediate value for a rule defined to use SQL statements
KEY_PARAMETER_ID	NUL	NUMBER(15)	The identifier of the parameter from which the intermediate value is derived for the rule that derives the intermediate value from a parameter

Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT_VALUE_LOOKUP_SET_ID	NULL	NUMBER(15)	The identifier of the segment value lookup set from which the segment value is derived from the intermediate value
SELECT_QUALIFIERS_AMT	NULL	NUMBER(1)	The number of AutoAccounting qualifiers that can be selected. This value is not currently used by AutoAccounting
SELECT_MULTIPLE_ROWS_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether returning multiple rows with a SQL statement rule is acceptable for the rule. Multiple rows from a SQL statement are not currently supported by AutoAccounting

Indexes

Index Name	Index Type	Sequence	Column Name
PA_RULES_U1	UNIQUE	1	RULE_ID
PA_RULES_U2	UNIQUE	1	RULE_NAME

Sequences

Sequence	Derived Column
PA_RULES_S	RULE_ID

## PA\_RULE\_PARAMETERS

PA\_RULE\_PARAMETERS stores parameters used in SQL statements of AutoAccounting rules.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_PARAMETERS	PARAMETER_ID	PARAMETER_ID
PA_RULES	RULE_ID	RULE_ID

### Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the rule that uses the parameter in a SQL statement to derive the intermediate value
PARAMETER_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the parameter used to derive the intermediate value of the rule that uses a SQL statement
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
PARAMETER_SEQ (PK)	NOT NULL	NUMBER(15)	The number that identifies and orders the parameter that is used in the SQL statement of the rule

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_RULE_PARAMETERS_U1	UNIQUE	1	RULE_ID
		2	PARAMETER_ID
		3	PARAMETER_SEQ

## PA\_SEGMENT\_RULE\_PAIRINGS\_ALL

PA\_SEGMENT\_RULE\_PAIRINGS\_ALL stores implementation-defined assignments of AutoAccounting rules to accounting flexfield segments for a specific function transaction. AutoAccounting uses the rule assigned to an accounting flexfield segment to derive the segment value.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_ID_FLEX_SEGMENTS	ID_FLEX_CODE ID_FLEX_NUM SEGMENT_NUM APPLICATION_ID	ID_FLEX_CODE ID_FLEX_NUM SEGMENT_NUM APPLICATION_ID
FND_ID_FLEX_STRUCTURES	ID_FLEX_CODE ID_FLEX_NUM APPLICATION_ID	ID_FLEX_CODE ID_FLEX_NUM APPLICATION_ID
PA_FUNCTION_TRANSACTIONS_ALL	FUNCTION_CODE FUNCTION_TRANSACTION_CODE APPLICATION_ID ORG_ID	FUNCTION_CODE FUNCTION_TRANSACTION_CODE APPLICATION_ID ORG_ID
PA_RULES	RULE_ID	RULE_ID

### Column Descriptions

Name	Null?	Type	Description
APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the Oracle application that uses the function
FUNCTION_CODE (PK)	NOT NULL	VARCHAR2(15)	The identifier of the function of the transaction
FUNCTION_TRANSACTION_CODE (PK)	NOT NULL	VARCHAR2(30)	The identifier of the function transaction that is the context in which the rule will be used to derive the segment
ID_FLEX_CODE (PK)	NOT NULL	VARCHAR2(4)	The identifier of the key flexfield for which the function is used
ID_FLEX_NUM (PK)	NOT NULL	NUMBER(15)	The identifier of the key flexfield structure for which the pairing is used
SEGMENT_NUM (PK)	NOT NULL	NUMBER(15)	The number of the flexfield segment to which the rule is assigned. The number is the (segment number - 1)
RULE_ID	NOT NULL	NUMBER(15)	The identifier of the rule that is used to derive the segment value
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
DISPLAY_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the segment rule pairing can be viewed in the Assign Rules form. All pairings defined in Oracle Projects can be viewed. Other Oracle applications that use AutoAccounting may provide pairings that cannot be viewed

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations

Indexes

Index Name	Index Type	Sequence	Column Name
PA_SEGMENT_RULE_PAIRINGS_U1	UNIQUE	1	APPLICATION_ID
		2	FUNCTION_CODE
		3	FUNCTION_TRANSACTION_CODE
		4	ID_FLEX_CODE
		5	ID_FLEX_NUM
		6	SEGMENT_NUM
		8	ORG_ID

## PA\_SEGMENT\_VALUE\_LOOKUPS

PA\_SEGMENT\_VALUE\_LOOKUPS stores implementation-defined mappings of AutoAccounting rule intermediate values to accounting flexfield segment values.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_SEGMENT_VALUE_LOOKUP_SETS	SEGMENT_VALUE_LOOKUP_SET_ID	SEGMENT_VALUE_LOOKUP_SET_ID

Column Descriptions

Name		Null?	Type	Description
SEGMENT_VALUE_LOOKUP_SET_ID	(PK)	NOT NULL	NUMBER(15)	The identifier of the segment value lookup set to which the segment value belongs
SEGMENT_VALUE_LOOKUP	(PK)	NOT NULL	VARCHAR2(250)	The value of the intermediate value
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
SEGMENT_VALUE		NOT NULL	VARCHAR2(70)	The value of the flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
PA_SEGMENT_VALUE_LOOKUPS_U1	UNIQUE	1	SEGMENT_VALUE_LOOKUP_SET_ID
		2	SEGMENT_VALUE_LOOKUP

PA\_SEGMENT\_VALUE\_LOOKUP\_SETS

PA\_SEGMENT\_VALUE\_LOOKUP\_SETS stores implementation-defined lists of segment value lookups that AutoAccounting uses to translate an intermediate values of an AutoAccounting rule into a segment value.

Column Descriptions

Name	Null?	Type	Description
SEGMENT_VALUE_LOOKUP_SET_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the segment value lookup set
SEGMENT_VALUE_LOOKUP_SET_NAME	NOT NULL	VARCHAR2(30)	Implementation-defined name that uniquely identifies the segment value lookup set
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 of the segment value lookup set

Indexes

Index Name	Index Type	Sequence	Column Name
PA_SEGMENT_VALUE_LOOKUP_SET_U1	UNIQUE	1	SEGMENT_VALUE_LOOKUP_SET_ID
PA_SEGMENT_VALUE_LOOKUP_SET_U2	UNIQUE	1	SEGMENT_VALUE_LOOKUP_SET_NAME

Sequences

Sequence	Derived Column
PA_SEGMENT_VALUE_LOOKUP_SETS_S	SEGMENT_VALUE_LOOKUP_SET_ID

# PA\_SELECT\_TEMPLATE\_V

This view displays all the valid project templates that have been created in Oracle Projects.

### View Definition

```
CREATE VIEW PA_SELECT_TEMPLATE_V
as SELECT
    PAP.PROJECT_ID
    , PAP.SEGMENT1
    , PAP.NAME
    , PAP.TEMPLATE_FLAG
    , PAP.CREATED_FROM_PROJECT_ID
    , PAP.CARRYING_OUT_ORGANIZATION_ID
    , PAP.DISTRIBUTION_RULE
    , PAP.TEMPLATE_START_DATE_ACTIVE
    , PAP.TEMPLATE_END_DATE_ACTIVE
    , RLA.RESOURCE_LIST_ID
FROM   PA_PROJECTS PAP
       ,PA_RESOURCE_LIST_ASSIGNMENTS RLA
       ,PA_RESOURCE_LIST_USES RLU
WHERE  PAP.PROJECT_ID = RLA.PROJECT_ID
AND    RLU.RESOURCE_LIST_ASSIGNMENT_ID
=RLA.RESOURCE_LIST_ASSIGNMENT_ID
AND    RLU.DEFAULT_FLAG = 'Y'
```

### Column Descriptions

Name	Null?	Type	Description
PA_SOURCE_TEMPLATE_ID	NOT NULL	NUMBER(15)	Refer to base table.
PA_PROJECT_NUMBER	NOT NULL	VARCHAR2(25)	Refer to base table.
PA_PROJECT_NAME	NOT NULL	VARCHAR2(30)	Refer to base table.
TEMPLATE_FLAG	NULL	VARCHAR2(1)	Refer to base table.
CREATED_FROM_PROJECT_ID	NULL	NUMBER(15)	Refer to base table.
CARRYING_OUT_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.
DISTRIBUTION_RULE	NULL	VARCHAR2(30)	Refer to base table.
TEMPLATE_START_DATE_ACTIVE	NULL	DATE	Refer to base table.
TEMPLATE_END_DATE_ACTIVE	NULL	DATE	Refer to base table.
DEFAULT_RESOURCE_LIST_ID	NOT NULL	NUMBER(15)	Refer to base table.



# PA\_SPAWNED\_PROGRAM\_STATUSES

PA\_SPAWNED\_PROGRAM\_STATUSES stores statuses of spawned programs. Currently the only spawned program in Oracle Projects is the Overtime Calculation program called from the Distribute Labor Costs process. The Distribute Labor Costs process uses this table to monitor the status of the Overtime Calculation program.

Column Descriptions

Name	Null?	Type	Description
REQUEST_ID (PK)	NOT NULL	NUMBER(15)	Standard Who Column
PROGRAM_ID (PK)	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
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_SPAWNED_PROGRAM_STATUSES_U1	UNIQUE	1	REQUEST_ID
		2	PROGRAM_ID

## PA\_STATUS\_COLUMN\_SETUP

PA\_STATUS\_COLUMN\_SETUP stores Project Status Inquiry display column definitions, which are used to generate the project status views.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FORMAT_CODE	PSI COL SETUP FMT CODE	PA_LOOKUPS
	C	Text
	N	Number

### Column Descriptions

Name	Null?	Type	Description
COLUMN_NAME	NULL	VARCHAR2(255)	Name of the column. Uses one of the six LOOKUP_TYPES starting with PSI COL SETUP depending on the FOLDER_CODE and whether the column is text or numeric.
COLUMN_PROMPT	NULL	VARCHAR2(80)	Displayed column prompt
FOLDER_CODE (PK)	NOT NULL	VARCHAR2(1)	Specifies which folder the column is valid for
COLUMN_ORDER (PK)	NOT NULL	NUMBER(15)	Order that the column is displayed
FORMAT_CODE	NOT NULL	VARCHAR2(30)	Specifies whether column definition is text or numeric
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
CURRENCY_FORMAT_FLAG	NULL	VARCHAR2(1)	Indicates whether or not column definition should be formatted as a currency
TOTAL_FLAG	NULL	VARCHAR2(1)	Indicator if a total should be displayed: 'Y' to display the total.

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_STATUS_COLUMN_SETUP_U1	UNIQUE	1	FOLDER_CODE
		2	COLUMN_ORDER
PA_STATUS_COLUMN_SETUP_U2	UNIQUE	1	FOLDER_CODE
		2	FORMAT_CODE
		3	COLUMN_ORDER

## PA\_STD\_BILL\_RATE\_SCHEDULES\_ALL

PA\_STD\_BILL\_RATE\_SCHEDULES\_ALL stores sets of standard bill rates that can be assigned to projects and tasks. Both labor and non-labor standard bill rates are assigned to a project. These project standard bill rates are used as default schedules at the task level, but users can override them. For projects with a work-based revenue accrual distribution rule, such as time and materials (T&M), the Generate Draft Revenue process uses the bill rates or markups in a standard bill rate schedule for revenue calculations (provided there are no bill rate overrides defined).

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SCHEDULE_TYPE	SCHEDULE TYPE	PA_LOOKUPS
	EMPLOYEE	Employee
	JOB	Job
	NON-LABOR	Non-Labor

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the organization that owns the standard bill rate schedule
STD_BILL_RATE_SCHEDULE (PK)	NOT NULL	VARCHAR2(20)	Implementation-defined name that identifies the bill rate schedule owned by an organization
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
SCHEDULE_TYPE	NOT NULL	VARCHAR2(30)	The type of bill rate schedule
DESCRIPTION	NULL	VARCHAR2(250)	Description of the standard bill rate schedule
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

Column Descriptions (Continued)

Name	Null?	Type	Description
ORG_ID (PK)	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
BILL_RATE_SCH_ID	NOT NULL	NUMBER	The system generated number that uniquely identifies the Bill Rate Schedules.

Indexes

Index Name	Index Type	Sequence	Column Name
PA_STD_BILL_RATE_SCHEDULES_U1	UNIQUE	1	ORGANIZATION_ID
		2	STD_BILL_RATE_SCHEDULE
		3	ORG_ID
PA_STD_BILL_RATE_SCHEDULE_U2	UNIQUE	2	BILL_RATE_SCH_ID

Sequences

Sequence	Derived Column
PA_STD_BILL_SCH_S	BILL_RATE_SCH_ID

## PA\_STREAMLINE\_REQUESTS

PA\_STREAMLINE\_REQUESTS stores information about the submitted streamline process requests and the child processes that they submit and monitor. Oracle Projects uses this table when running streamline processes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CONCURRENT_REQUESTS	REQUEST_ID	REQUEST_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS	STREAMLINE STATUS	PA_LOOKUPS
STREAMLINE_OPTION	INTERFACE STREAMLINE OPTION	PA_LOOKUPS
	CCBL-CCGLB-EZC-CCTI	DXC: Distribute and Interface Borrowed and Lent Amounts to GL
	CCGL-EZC-CCTI	XC: Interface Cross charge Distributions to GL
	DBC-TFB-EZB-TBB	DXB: Distribute and Interface Total Burdened Costs To GL
	DVC-TVI	DXA: Distribute and Interface Vendor Invoice Adjustments to
	EXP-XAP	DTE: Distribute and Transfer Expense Report Costs to AP
	EXP-XAP-XXP-APX	DXEU: Distribute and Interface Expense Report Costs to AP (U
	EXP-XAP-XXPS-APX	DXES: Distribute and Interface Expense Report Costs to AP (S
	IAR-AUTR-AUTI-ARI	XI: Interface Draft Invoice to AR
	ICIAR-AUTI-ARI	XIC: Interface Intercompany Invoice to AR
	LAB-LGL-EZL-GLL	DXL: Distribute and Interface Labor Costs To GL
	LGL-EZL-GLL	XL: Interface Labor Costs To GL
	RGL-EZLR-GLR	XR: Interface Draft Revenue to GL
	RGL-EZLR-GLR-IAR-AUT-ARI	XRXI: Interface Draft Revenue to GL and Draft Invoice to AR
	TFB-EZB-TBB	XB: Interface Total Burdened Costs To GL
	UGL-EZU-GLU	XU: Interface Usage Costs To GL
	USG-UGL-EZU-GLU	DXU: Distribute and Interface Usage Costs To GL
	XAP-XXP-APX	XEU: Interface Expense Report Costs to AP (Unsummarized repo

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	XAP-XXPS-APX	XES: Interface Expense Report Costs to AP (Summarized report)
	XXP-APX	ITEU: AP Invoice import (Unsummarized report) and Tieback Ex
	XXPS-APX	ITES: AP Invoice import (Summarized report) and Tieback Expe

Column Descriptions

Name	Null?	Type	Description
REQUEST_ID (PK)	NOT NULL	NUMBER(15)	Standard Who Column
STREAMLINE_OPTION	NOT NULL	VARCHAR2(30)	The streamline option executed by the streamline request
STATUS	NOT NULL	VARCHAR2(30)	The status of the streamline request
NUM_SUB_PROCESSES_SUBMITTED	NOT NULL	NUMBER(15)	The number of child processes submitted for the streamline request
SUB_PROCESS_REQUEST_ID_STR	NOT NULL	VARCHAR2(240)	The concatenation of the request ids of the child processes submitted
PROGRAM_ID	NOT NULL	NUMBER(15)	Standard Who Column
PROGRAM_APPLICATION_ID	NOT NULL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
GROUP_ID	NULL	NUMBER(15)	Identifier of the GL Journal Import group which identifies a set of interface journal entry lines to process together in the same run of Oracle General Ledger's Journal Import program. Used by interfacing to GL

Indexes

Index Name	Index Type	Sequence	Column Name
PA_STREAMLINE_REQUESTS_U1	UNIQUE	1	REQUEST_ID

## PA\_SUMMARY\_PROJECT\_FUNDINGS

PA\_SUMMARY\_PROJECT\_FUNDINGS stores summary funding amounts allocated from agreements to projects and tasks. These amounts are the summary amounts of the detailed project funding records entered by users. These amounts are maintained upon entry and baseline of the funding. The revenue and invoice activity using the funding is recorded by the Generate Draft Revenue and Generate Draft Invoice processes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_AGREEMENTS_ALL	AGREEMENT_ID	AGREEMENT_ID
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

### Column Descriptions

Name	Null?	Type	Description
AGREEMENT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the agreement that is allocated funds to the project or task
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project to which funds are allocated
TASK_ID	NULL	NUMBER(15)	The identifier of the task to which funds are allocated
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	Standard Who Column
TOTAL_UNBASELINED_AMOUNT	NOT NULL	NUMBER(22,5)	Total unbaselined amount allocated from the agreement to the project or task. This amount should always equal the sum of the unbaselined detailed project fundings amounts for the agreement, project, and task
TOTAL_BASELINED_AMOUNT	NULL	NUMBER(22,5)	Total baselined amount allocated from the agreement to the project or task. This amount is maintained upon baseline of the project and should always equal the sum of the baselined detailed project funding amounts
TOTAL_ACCRUED_AMOUNT	NULL	NUMBER(22,5)	Total amount accrued against the baselined funding
TOTAL_BILLED_AMOUNT	NULL	NUMBER(22,5)	Total amount billed against the baselined funding
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
REQUEST_ID	NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
PA_SUMMARY_PROJECT_FUNDINGS_N1	NOT UNIQUE	1	AGREEMENT_ID
PA_SUMMARY_PROJECT_FUNDINGS_U1	UNIQUE	1	PROJECT_ID
		2	AGREEMENT_ID
		3	TASK_ID



## PA\_SYSTEM\_LINKAGES

PA\_SYSTEM\_LINKAGES stores system-defined categories used to determine how items should be processed. Examples of system linkages (Expenditure Type Classes) are: Expense Report, Usages, and Straight Time. Oracle Projects provides all system linkages upon installation. The relationships between Expenditure Types and System Linkages are stored in PA\_EXPEND\_TYP\_SYS\_LINKS.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_APPLICATION	APPLICATION_ID	APPLICATION_ID
PA_FUNCTIONS	FUNCTION_CODE	COST_DEBIT_FUNCTION_CODE
PA_SYSTEM_LINKAGES	FUNCTION	COST_CREDIT_FUNCTION_CODE

### Column Descriptions

Name	Null?	Type	Description
FUNCTION (PK)	NOT NULL	VARCHAR2(30)	The code name of the system linkage that drives processing
APPLICATION_ID	NOT NULL	NUMBER(15)	The identifier of the Oracle application that is integrated in the processing of Oracle Projects
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
MEANING	NOT NULL	VARCHAR2(80)	The short, user-friendly name of the system linkage
DESCRIPTION	NULL	VARCHAR2(80)	Description of the system linkage
PROJECT_MANUFACTURING_FLAG	NOT NULL	VARCHAR2(1)	Flag to identify if system linkage is related to project manufacturing
LABOR_NON_LABOR_FLAG	NOT NULL	VARCHAR2(1)	Flag to identify if system linkage is labor related
COST_DEBIT_FUNCTION_CODE	NOT NULL	VARCHAR2(15)	System-defined code that uniquely identifies the Auto Accounting function for the cost distribution process
COST_CREDIT_FUNCTION_CODE	NOT NULL	VARCHAR2(15)	System-defined code that uniquely identifies the Auto Accounting function for the cost transfer process
COST_JE_CATEGORY_NAME	NULL	VARCHAR2(25)	Journal entry category
CC_FUNCTION_TRANSACTION_CODE	NULL	VARCHAR2(30)	Function transaction code for Cross Charge transactions

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_SYSTEM_LINKAGES_U1	UNIQUE	1	FUNCTION
		2	APPLICATION_ID
PA_SYSTEM_LINKAGES_U2	UNIQUE	1	APPLICATION_ID
		2	MEANING

## PA\_TASKS

PA\_TASKS stores user-defined subdivisions of project work. Tasks can be broken down into multiple levels of subtasks. The depth and width of the work breakdown structure (WBS) are unlimited.

The WBS is held using the TASK\_ID and PARENT\_TASK\_ID columns. Two columns related to the WBS are denormalized: TOP\_TASK\_ID and WBS\_LEVEL.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	CARRYING_OUT_ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	CARRYING_OUT_ORGANIZATION_ID
PA_CC_TP_SCHEDULES_BG	TP_SCHEDULE_ID	LABOR_TP_SCHEDULE_ID
PA_CC_TP_SCHEDULES_BG	TP_SCHEDULE_ID	NL_TP_SCHEDULE_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	COST_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	INV_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	REV_IND_RATE_SCH_ID
PA_LABOR_COST_MULTIPLIERS	LABOR_COST_MULTIPLIER_NAME	LABOR_COST_MULTIPLIER_NAME
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID	LABOR_BILL_RATE_ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	STD_BILL_RATE_SCHEDULE	LABOR_STD_BILL_RATE_SCHDL
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID	NON_LABOR_BILL_RATE_ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	STD_BILL_RATE_SCHEDULE	NON_LABOR_STD_BILL_RATE_SCHDL
PA_TASKS	TASK_ID	PARENT_TASK_ID
PA_TASKS	TASK_ID	TOP_TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	TASK_MANAGER_PERSON_ID
RA_ADDRESSES_ALL	ADDRESS_ID	ADDRESS_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LABOR_SCH_TYPE	PROJECT SCHEDULE TYPE	PA_LOOKUPS
	B	Bill Rate
	I	Indirect
NON_LABOR_SCH_TYPE	PROJECT SCHEDULE TYPE	PA_LOOKUPS
	B	Bill Rate
	I	Indirect
PM_PRODUCT_CODE	PM_PRODUCT_CODE	PA_LOOKUPS
SERVICE_TYPE_CODE	SERVICE TYPE	PA_LOOKUPS

### Column Descriptions

Name	Null?	Type	Description
TASK_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the task
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the task is a unit of work

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Column Descriptions (Continued)

Name	Null?	Type	Description
TASK_NUMBER	NOT NULL	VARCHAR2(25)	User-defined number that uniquely identifies the task within a project. It is recommended to number tasks based on the wbs since that is how tasks are ordered in some reports. However note: task numbers do not record the wbs structure
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
TASK_NAME	NOT NULL	VARCHAR2(20)	User-defined short name of the task
TOP_TASK_ID	NOT NULL	NUMBER(15)	The identifier of the top task to which this task rolls up. If the task is a top task, the top_task_id is set to its own task_id.
WBS_LEVEL	NOT NULL	NUMBER(3)	The level of the task in the work breakdown structure
READY_TO_BILL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the task is authorized to be invoiced. The flag is set only for top tasks, defaults to 'Y' upon creation of the task and is set to 'Y' or 'N' in the Control Revenue and Billing by Top Task form
READY_TO_DISTRIBUTE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the task is authorized for revenue accrual. The flag is set only for top tasks, defaults to 'Y' upon creation of the task, and is set to 'Y' or 'N' in the Control Revenue and Billing by Top Task form
PARENT_TASK_ID	NULL	NUMBER(15)	The identifier of the task that is the parent of the task in the project work breakdown structure
DESCRIPTION	NULL	VARCHAR2(250)	Description of the task
CARRYING_OUT_ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the organization that is responsible for the task work. The project organization is defaulted to the task organization upon creation of the task
SERVICE_TYPE_CODE	NULL	VARCHAR2(30)	The type of work performed on the task
TASK_MANAGER_PERSON_ID	NULL	NUMBER(9)	The identifier of the employee that manages the task.
CHARGEABLE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if expenditure items can be charged to the task. Only lowest level tasks can be chargeable

Column Descriptions (Continued)

Name	Null?	Type	Description
BILLABLE_FLAG	NULL	VARCHAR2(1)	Default flag for items charged to the task that indicates if the item can accrue revenue (Y or N). For capital projects this flag is used as capitalizable_flag. For indirect projects this flag is set to N and is not used.
LIMIT_TO_TXN_CONTROLS_FLAG	NULL	VARCHAR2(1)	Flag that indicates if users can only charge expenditures to the task that are listed in task's transaction controls. If flag =Y, then only items listed in controls are allowed. If flag = 'N' or null, then items not listed are allowed
START_DATE	NULL	DATE	The date on which the task starts; expenditure items with item dates before the start date cannot be entered for the task
COMPLETION_DATE	NULL	DATE	The date on which the task is completed; expenditure items with item dates after the task completion date cannot be entered for the task. You must enter a start date to enter a completion date.
ADDRESS_ID	NULL	NUMBER(15)	The identifier of the customer address that is the task work site. This value is defaulted from the project customer work site if only one project customer exists
LABOR_BILL_RATE_ORG_ID	NULL	NUMBER(15)	The identifier of the organization that owns the labor standard bill rate schedule
LABOR_STD_BILL_RATE_SCHDL	NULL	VARCHAR2(20)	The labor standard bill rate schedule that is used to calculate revenue for labor expenditure items charged to the task
LABOR_SCHEDULE_FIXED_DATE	NULL	DATE	The date used to determine the effective bill rates of the task standard labor bill rate schedule. If no fixed date is entered, the expenditure item date is used to determine the effective bill rate for the item
LABOR_SCHEDULE_DISCOUNT	NULL	NUMBER(7,4)	The percentage to be discounted from the task standard labor bill rate schedule
NON_LABOR_BILL_RATE_ORG_ID	NULL	NUMBER(15)	The identifier of the organization that owns the non-labor standard bill rate schedule
NON_LABOR_STD_BILL_RATE_SCHDL	NULL	VARCHAR2(30)	The non-labor standard bill rate schedule that is used to calculate revenue for non-labor expenditure items charged to the task

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Column Descriptions (Continued)

Name	Null?	Type	Description
NON_LABOR_SCHEDULE_FIXED_DATE	NULL	DATE	The fixed date used to determine the effective bill rates of the standard non-labor bill rate schedule. If no fixed date is entered, the expenditure item date is used to determine the effective bill rate of the item
NON_LABOR_SCHEDULE_DISCOUNT	NULL	NUMBER(7,4)	The percentage to be discounted from the task standard non-labor bill rate schedule
LABOR_COST_MULTIPLIER_NAME	NULL	VARCHAR2(20)	The labor cost multiplier defined for the task of a premium project. The labor cost multiplier is populated for all overtime expenditure items charged to the task upon manual entry of the items or in the Overtime Calculation program
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 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
COST_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default costing burden schedule
REV_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default revenue burden schedule
INV_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default invoice burden schedule
COST_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm costing burden schedule
REV_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm revenue burden schedule
INV_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm invoice burden schedule
LABOR_SCH_TYPE	NULL	VARCHAR2(1)	The schedule type of labor expenditure items
NON_LABOR_SCH_TYPE	NULL	VARCHAR2(1)	The schedule type of non-labor expenditure items
OVR_COST_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used
OVR_INV_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used
OVR_REV_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	The identifier of the external project management system from which the task was imported.

Column Descriptions (Continued)

Name	Null?	Type	Description
PM_TASK_REFERENCE	NULL	VARCHAR2(25)	The identifier of the task in the external project management system from which the budget was imported.
ACTUAL_START_DATE	NULL	DATE	The actual start date of the project. Applicable only for a project that has originated from an external system.
ACTUAL_FINISH_DATE	NULL	DATE	The actual end date of the project. Applicable only for a project that has originated from an external system.
EARLY_START_DATE	NULL	DATE	The early start date of the project. Applicable only for a project that has originated from an external system.
EARLY_FINISH_DATE	NULL	DATE	The early finish date of the project. Applicable only for a project that has originated from an external system.
LATE_START_DATE	NULL	DATE	The late start date of the project. Applicable only for a project that has originated from an external system.
LATE_FINISH_DATE	NULL	DATE	The late finish date of the project. Applicable only for a project that has originated from an external system.
SCHEDULED_START_DATE	NULL	DATE	The scheduled start date of the project. Applicable only for a project that has originated from an external system.
SCHEDULED_FINISH_DATE	NULL	DATE	The scheduled finish date of the project. Applicable only for a project that has originated from an external system.
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.
ALLOW_CROSS_CHARGE_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether cross charge are allowed
PROJECT_RATE_DATE	NULL	DATE	Task level default value for project rate date
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Task level default value for project rate type
CC_PROCESS_LABOR_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates cross charge processing is to be performed for labor transactions charged to the project. Default value for the project template is N. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date

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Column Descriptions (Continued)

Name	Null?	Type	Description
LABOR_TP_SCHEDULE_ID	NOT NULL	NUMBER	Identifier for transfer price schedule to use for cross charged labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date. If cc_process_labor_flag is set to Y, this field is required
LABOR_TP_FIXED_DATE	NULL	DATE	Fixed date to find the effective rate of the bill rate or burden schedule when determining the transfer price for labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date
CC_PROCESS_NL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates cross charge processing is to be performed for non-labor transactions charged to the project. Default value for the project template is N. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date
NL_TP_SCHEDULE_ID	NOT NULL	NUMBER	Identifier for transfer price schedule to use for cross charged non-labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date. If cc_process_nl_flag is set to Y, this field is required
NL_TP_FIXED_DATE	NULL	DATE	Fixed date to find the effective rate of the bill rate or burden schedule when determining the transfer price for non-labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date
RECEIVE_PROJECT_INVOICE_FLAG	NULL	VARCHAR2(1)	Flag that indicates that the task may receive charges from internal supplies via inter-project billing

Indexes

Index Name	Index Type	Sequence	Column Name
PA_TASKS_N1	NOT UNIQUE	1	LABOR_BILL_RATE_ORG_ID
		2	LABOR_STD_BILL_RATE_SCHDL
PA_TASKS_N2	NOT UNIQUE	1	CARRYING_OUT_ORGANIZATION_ID
PA_TASKS_N3	NOT UNIQUE	1	SERVICE_TYPE_CODE
PA_TASKS_N4	NOT UNIQUE	1	PARENT_TASK_ID

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PA_TASKS_N5	NOT UNIQUE	1	NON_LABOR_BILL_RATE_ORG_ID
		2	NON_LABOR_STD_BILL_RATE_SCHDL
PA_TASKS_N6	NOT UNIQUE	1	TASK_MANAGER_PERSON_ID
PA_TASKS_N7	NOT UNIQUE	1	TOP_TASK_ID

#### Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_TASKS_N8	NOT UNIQUE	2	PROJECT_ID
		4	PM_TASK_REFERENCE
PA_TASKS_N9	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_TASKS_U1	UNIQUE	1	TASK_ID
PA_TASKS_U2	UNIQUE	1	PROJECT_ID
		2	TASK_NUMBER

#### Sequences

Sequence	Derived Column
PA_TASKS_S	TASK_ID

#### Database Triggers

Trigger Name : PA\_ADW\_TASKS\_T1  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to TOP\_TASK\_ID, DESCRIPTION, TASK\_NUMBER, TASK\_NAME, CARRYING\_OUT\_ORGANIZATION\_ID, SERVICE\_TYPE\_CODE and PROJECT\_ID columns. If the service\_type\_code or the carrying\_out\_organization\_id is changed then it creates a record in PA\_TASK\_HISTORY table also.

Trigger Name : PA\_ADW\_TASKS\_T2  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT

This trigger creates a new record into the PA\_TASK\_HISTORY table for new records created in PA\_TASKS table.



## PA\_TASK\_HISTORY

PA\_TASK\_HISTORY stores service type and organization history for tasks. This action is maintained using row-level update/insert triggers on the PA\_TASKS table.

### Column Descriptions

Name	Null?	Type	Description
TASK_HISTORY_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the task history row
TASK_ID	NOT NULL	NUMBER(15)	The identifier of the task for which this row belongs
SERVICE_TYPE_CODE	NOT NULL	VARCHAR2(30)	The service type code for the task when the task is created or updated
CARRYING_OUT_ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier for the task organization when the task is created or updated
TOP_TASK_ID	NOT NULL	NUMBER(15)	The identifier of the top task to which this task history rolls up
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which this task history belongs
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	NOT NULL	NUMBER	Standard Who Column
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
ADW_INTERFACE_FLAG	NULL	VARCHAR2(1)	The flag to indicate whether this task history row has been sent to the interface table or not
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	Flag that indicates that this task history need to be sent to the interface table or not

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_TASK_HISTORY_N1	NOT UNIQUE	1	TASK_ID
PA_TASK_HISTORY_N2	NOT UNIQUE	1	ADW_NOTIFY_FLAG
		2	PROJECT_ID
PA_TASK_HISTORY_N3	NOT UNIQUE	1	TOP_TASK_ID
PA_TASK_HISTORY_U1	UNIQUE	1	TASK_HISTORY_ID

### Sequences

Sequence	Derived Column
PA_TASK_HISTORY_S	TASK_HISTORY_ID

## PA\_TRANSACTION\_CONTROLS

PA\_TRANSACTION\_CONTROLS stores the transaction controls defined for projects or tasks. Transaction controls are used to control what expenditure items can be charged to a particular project or task, and whether the items are non-billable. You can configure transaction controls by employee, expenditure category, expenditure type, and non-labor resource.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	EXPENDITURE_CATEGORY
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_NON_LABOR_RESOURCES	NON_LABOR_RESOURCE	NON_LABOR_RESOURCE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BILLABLE_INDICATOR	BILLABLE INDICATOR	PA_LOOKUPS
	N	No
	T	Task

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the project for which the transaction control applies
START_DATE_ACTIVE (PK)	NOT NULL	DATE	First effective date of the transaction control
CHARGEABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if the expenditure items that apply to the transaction control classification can be charged
BILLABLE_INDICATOR	NOT NULL	VARCHAR2(1)	Flag that indicates if the expenditure items that apply to the transaction control are non-billable, or if their billability is determined from the task
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
TASK_ID (PK)	NULL	NUMBER(15)	The identifier of the task for which the transaction control applies
PERSON_ID (PK)	NULL	NUMBER(9)	The identifier of the person for which the transaction control applies
EXPENDITURE_CATEGORY (PK)	NULL	VARCHAR2(30)	The expenditure category for which the transaction control applies

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXPENDITURE_TYPE (PK)	NULL	VARCHAR2(30)	The expenditure type for which the transaction control applies
NON_LABOR_RESOURCE (PK)	NULL	VARCHAR2(20)	The non labor resource for which the transaction control applies
END_DATE_ACTIVE	NULL	DATE	The last effective date of the transaction control

Indexes

Index Name	Index Type	Sequence	Column Name
PA_TRANSACTION_CONTROLS_N1	NOT UNIQUE	1	PROJECT_ID
		2	PERSON_ID
		3	TASK_ID
		4	EXPENDITURE_CATEGORY
PA_TRANSACTION_CONTROLS_U1	UNIQUE	1	PROJECT_ID
		2	EXPENDITURE_CATEGORY
		3	TASK_ID
		4	PERSON_ID
		5	EXPENDITURE_TYPE
		6	NON_LABOR_RESOURCE
		7	START_DATE_ACTIVE

## PA\_TRANSACTION\_INTERFACE\_ALL

PA\_TRANSACTION\_INTERFACE\_ALL is the table you use for importing transactions from external sources into Oracle Projects. You load this table with your transaction data and then submit the Transaction Import process to validate and import the data into the Oracle Projects expenditure tables.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_TRANSACTION_SOURCES	TRANSACTION_SOURCE	TRANSACTION_SOURCE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSACTION_REJECTION_CODE	TRANSACTION REJECTION REASON	PA_LOOKUPS
	CANNOT_LOCK_ORIG_ITEM	Cannot Lock Original Item for Reversal
	DIFF_SYS_LINKAGE	Different System Linkage
	DUPLICATE_ADJUST_ITEM	Duplicate Item for Adjustment
	DUPLICATE_ITEM	Duplicate Item
	EI_DATE_AFTER_END_DATE	Expenditure Item Date is after the Expenditure Ending Date
	EMP_MAND_FOR_ER	Employee is mandatory for expense reports
	EMP_MAND_FOR_TIME	Employee is mandatory for timecards
	ETYPE_SLINK_INACTIVE	Expenditure type/system linkage inactive
	EXP_OR_ORG_MAND	Employee or Organization is inactive
	EXP_TYPE_INACTIVE	Expenditure Type Inactive
	INVALID_BURDENED_AMOUNT	Burdened cost is not valid for the given system linkage
	INVALID_BURDEN_AMOUNT	You did not specify the transaction currency burden amount.
	INVALID_BURDEN_TRANS	Invalid Burden transaction
	INVALID_CR_CCID	CCID for credit is null
	INVALID_DR_CCID	CCID for Debit is null
	INVALID_EMPLOYEE	Invalid Employee
	INVALID_END_DATE	Invalid Ending Date
	INVALID_ETYPE_SYSLINK	Invalid Expenditure_type/system_linkage combination
	INVALID_EXP_TYPE	Invalid Expenditure Type
	INVALID_EXP_TYPE_CLASS	Invalid Expenditure Type Class
	INVALID_GL_DATE	GL Date is null
	INVALID_NL_RSRC	Invalid Non-Labor Resource
	INVALID_NL_RSRC_ORG	Invalid Non-Labor Resource Organization
	INVALID_ORGANIZATION	Invalid Organization
	INVALID_PA_DATE	No Open or Future PA Period for Expnd Item and GL Dates

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	INVALID_PROJECT	Invalid Project
	INVALID_PROJECT_TYPE	Invalid Project Type
	INVALID_TASK	Invalid Task
	INVALID_TRX_SOURCE	Invalid Transaction Source
	ITEM_NOT_IN_WEEK	Expenditure Item Date is not within the expenditure week
	MISSING_ORG_ID	Org_Id is missing
	NL_EXP_TYPE_DIFF	Non-Labor Expenditure Type Different
	NL_RSRC_INACTIVE	Non-Labor Resource Inactive
	NL_RSRC_MAND_FOR_USAGES	Non-Labor Resource mandatory for usages
	NL_RSRC_ORG_MAND_FOR_USAGES	Non-Labor Resource Owning Organization mandatory for usages
	NO_ASSIGNMENT	No Assignment
	NO_HOURLY_COST_RATE	No Hourly Cost Rate
	NO_MATCHING_ITEM	No Matching Item
	NO_RAW_COST	No Raw Cost
	ORG_NOT_OWNER_OF_NL_RSRC	Organization Does Not Own the Non-Labor Resource
	PA_ACCT_USER_RATE_NOT_DEFINED	Functional conversion rate missing for conversion type User
	PA_BURDEN_COST_FAILED	Burden cost calculation failed
	PA_DENOM_ACCT_CURR_DIFF	Transaction and functional currencies must be the same
	PA_ERR_IN_CC_IDENT_API	An error has occurred in cross charge identification program
	PA_ERR_IN_COST_PLUS	Error occurred while calculating the burden multiplier
	PA_EXCEED_ROUND_LIMIT	Functional currency cost is not within the rounding limit
	PA_EXP_INV_PJTK	Project/Task validation error
	PA_EXP_ORG_INVALID	The expenditure organization is not a valid organization
	PA_EXP_ORG_NOT_ACTIVE	Expenditure Organization is not active
	PA_EXP_ORG_NOT_SPECIFIED	Expenditure organization not specified
	PA_EXP_PJ_TC	Project level transaction control violated
	PA_EXP_TASK_EFF	Item Date is not within the task active dates
	PA_EXP_TASK_STATUS	Task is not chargeable
	PA_EXP_TASK_TC	Task level transaction controls violated
	PA_EX_PROJECT_CLOSED	Expenditure items cannot be charged to a Closed Project
	PA_EX_PROJECT_DATE	Item date not within the project active dates
	PA_EX_QTY_EXIST	Item requires a valid quantity
	PA_INSERT_MRC_FAILED	Insertion to MRC interface table failed

## QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	PA_INVALID_ACCT_BURDEN_AMOUNT	Invalid functional currency burden amount.
	PA_INVALID_ACCT_DENOM_COST	Functional and transaction currency costs must be equal
	PA_INVALID_ACCT_RATE_TYPE	Functional currency conversion type is invalid
	PA_INVALID_DENOM_CURRENCY	Invalid transaction currency
	PA_INVALID_PROJ_CURR	Invalid Project Currency
	PA_INVALID_PROJ_RATE_TYPE	Project currency conversion type is invalid
	PA_INVALID_RECEIPT_CURRENCY	Invalid receipt currency
	PA_MISSING_PROJ_CURR	Project currency is not defined
	PA_MISSING_RECEIPT_AMOUNT	Receipt currency amount is missing
	PA_NO_ACCT_COST	Functional raw cost amount is missing
	PA_NO_ACCT_CURR_RATE	Functional currency conversion rate is missing
	PA_NO_ACCT_CURR_RATE_DATE	Functional currency conversion rate date is missing
	PA_NO_ACCT_CURR_RATE_TYPE	Functional currency conversion rate type is missing
	PA_NO_ACCT_USER_RATE_TYPE	Functional currency conversion type User is not permitted
	PA_NO_PROJECT_CURR_RATE	No conversion rate found for project currency attributes
	PA_NO_PROJ_USER_RATE_TYPE	Project currency conversion type User is not permitted
	PA_OVERRIDE_ORG_INVALID	The override-to organization is not a valid organization
	PA_OVERRIDE_ORG_NOT_ACTIVE	The override-to organization is not active
	PA_PROJECT_NOT_VALID	The project is not chargeable
	PA_PROJ_USER_RATE_NOT_DEFINED	Project conversion rate missing for conversion type User
	PA_REJECTED_DISTRIBUTION	Rejected due to error in another distribution in this invoice
	PA_REQUIRE_DENOM_CURR	Transaction currency is missing
	PA_SUPPLIER_NUM_INVALID	The supplier number is not a valid supplier number
	PA_USR_RATE_NOT_ALLOWED	Conversion type User is not permitted
	PROJ_NOTALLOW_BURDEN	Project does not allow burden transactions
	TRXSRC_NOTALLOW_BURDEN	Transaction source does not allow burden transactions
	TRX_SOURCE_INACTIVE	Transaction Source Inactive
TRANSACTION_STATUS_CODE	TRANSACTION STATUS	PA_LOOKUPS
	A	Accepted
	I	Imported
	P	Pending
	PO	Rejected in post-import
	PR	Rejected in pre-import

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QuickCodes Columns (Continued)

Column	QuickCodes Type		QuickCodes Table
	R		Rejected
Column Descriptions			
Name	Null?	Type	Description
TRANSACTION_SOURCE	NOT NULL	VARCHAR2(30)	Implementation-defined name used to classify the transaction by the type of expenditure incurred
BATCH_NAME	NOT NULL	VARCHAR2(50)	User-entered name for a grouping of expenditures in the interface table.For one transaction source, all items with the same BATCH_NAME areimported into Oracle Projects in the same expenditure group, if processed together.
EXPENDITURE_ENDING_DATE	NOT NULL	DATE	The date of the last day in the expenditure week. PA uses this value to group transactions into expenditures. All items must be dated on or before their EXPENDITURE_ENDING_DATE
EMPLOYEE_NUMBER	NULL	VARCHAR2(30)	The employee number of the person who incurred the expenditure. Labor and expense report items must be linked to an employee, but usages can be entered for an organization instead of an employee
ORGANIZATION_NAME	NULL	VARCHAR2(60)	The name of the organization that incurred the expenditure If an employee is specified, this column can be NULL since PA derives its value based on the employee's organization assignment as of the expenditure item 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
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type that classifies the kind of charge for the transaction
NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	Non-labor resource utilized when incurring the transaction charge. This column is only populated for usage transactions
NON_LABOR_RESOURCE_ORG_NAME	NULL	VARCHAR2(60)	Name of the organization that owns the non-labor resource utilized. This column is only populated for usage items

Column Descriptions (Continued)

Name	Null?	Type	Description
QUANTITY	NOT NULL	NUMBER(22,2)	Number of units for the transaction. This column is defined with a precision of '2' in order to maintain consistency with PA's expenditure entry forms which round expenditure item quantities to '2' decimal places when saved to the database
RAW_COST	NULL	NUMBER(22,2)	The total raw cost for the transaction as calculated in the original, external system. If the transaction source identifies the item as 'Costed', then PA loads the raw cost and ensures that the amount is never altered
EXPENDITURE_COMMENT	NULL	VARCHAR2(240)	User-entered free text comment to describe the transaction
TRANSACTION_STATUS_CODE	NOT NULL	VARCHAR2(2)	System-defined status of the transaction as it is loaded into PA
TRANSACTION_REJECTION_CODE	NULL	VARCHAR2(30)	System-defined reason why Transaction Import rejected the item
EXPENDITURE_ID	NULL	NUMBER(15)	System-defined number populated by Transaction Import to identify transactions it has grouped into an expenditure
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.
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
RAW_COST_RATE	NULL	NUMBER(22,5)	The cost rate used to calculate the transaction's raw cost amount. PA loads this cost rate for transactions identified by a 'Costed' transaction source. PA performs no validation on this value, and it is used only for reporting purposes
INTERFACE_ID	NULL	NUMBER(15)	System-generated number that identifies all the transactions processed by a given concurrent request

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Column Descriptions (Continued)

Name	Null?	Type	Description
UNMATCHED_NEGATIVE_TXN_FLAG	NULL	VARCHAR2(1)	Flag used to identify certain adjustments (transactions with negative quantities) as summary-level adjustments for which there is no single matching item in PA to reverse. When this flag is 'Y', PA does not execute the matching value
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	The system-generated number that uniquely identifies the expenditure item
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
DR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Identifier of the debit code combination ID for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG flag on the transaction source.
CR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Identifier of the credit code combination ID for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG flag on the transaction source.
CDL_SYSTEM_REFERENCE1	NULL	VARCHAR2(30)	Reference to be copied to PA_COST_DISTRIBUTION_LINES.SYSTEM_REFERENCE1 for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG flag on the transaction source.
CDL_SYSTEM_REFERENCE2	NULL	VARCHAR2(30)	Reference to be copied to PA_COST_DISTRIBUTION_LINES.SYSTEM_REFERENCE2 for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG flag on the transaction source.
CDL_SYSTEM_REFERENCE3	NULL	VARCHAR2(30)	Reference to be copied to PA_COST_DISTRIBUTION_LINES.SYSTEM_REFERENCE3 for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG flag on the transaction source.
GL_DATE	NULL	DATE	GL_DATE to be copied to PA_COST_DISTRIBUTION_LINES.GL_DATE for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG flag on the transaction source. This date is used to derive the PA_DATE on CDLs.
BURDENED_COST	NULL	NUMBER(22,5)	Total cost including burden cost (raw cost + burden cost)
BURDENED_COST_RATE	NULL	NUMBER(22,5)	Burden cost rate used to calculate burden cost

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SYSTEM_LINKAGE	NULL	VARCHAR2(30)	System Linkage or Expenditure Type Class of the transaction
TXN_INTERFACE_ID (PK)	NOT NULL	NUMBER(15)	System generated identifier that uniquely identifies a imported transaction

*Column Descriptions (Continued)*

Name	Null?	Type	Description
USER_TRANSACTION_SOURCE	NULL	VARCHAR2(80)	The descriptive name of the transaction source
CREATED_BY	NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	Receipt currency amount of the transaction
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	Receipt currency code of the transaction
RECEIPT_EXCHANGE_RATE	NULL	NUMBER	Receipt exchange rate for the transaction
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency code of the transaction
DENOM_RAW_COST	NULL	NUMBER	Raw cost in Transaction currency
DENOM_BURDENED_COST	NULL	NUMBER	Burdened cost in Transaction currency
ACCT_RATE_DATE	NULL	DATE	Functional conversion rate date for the transaction
ACCT_RATE_TYPE	NULL	VARCHAR2(30)	Functional conversion rate type for the transaction
ACCT_EXCHANGE_RATE	NULL	NUMBER	Functional exchange rate for the transaction
ACCT_RAW_COST	NULL	NUMBER	Raw cost in functional currency
ACCT_BURDENED_COST	NULL	NUMBER	Burdened cost in Functional currency
ACCT_EXCHANGE_ROUNDING_LIMIT	NULL	NUMBER	Rounding limit for imported transactions
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project currency code of the transaction
PROJECT_RATE_DATE	NULL	DATE	Project rate date for the transaction
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Project rate type for the transaction
PROJECT_EXCHANGE_RATE	NULL	NUMBER	Project exchange rate for the transaction
ORIG_EXP_TXN_REFERENCE1	NULL	VARCHAR2(60)	Expenditure Identifier in external system(system reference). For Oracle Payables, invoice ID should be populated into this field
ORIG_EXP_TXN_REFERENCE2	NULL	VARCHAR2(60)	Additional colum provided to group transactions into expenditures
ORIG_EXP_TXN_REFERENCE3	NULL	VARCHAR2(60)	Additional colum provided to group transactions into expenditures
ORIG_USER_EXP_TXN_REFERENCE	NULL	VARCHAR2(60)	Expenditure Identifier in external system(user reference). For Oracle Payables, invoice number should be populated into this field

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VENDOR_NUMBER	NULL	VARCHAR2(30)	Supplier Number
OVERRIDE_TO_ORGANIZATION_NAME	NULL	VARCHAR2(60)	Supplier Invoice Distribution's override to organization name
REVERSED_ORIG_TXN_REFERENCE	NULL	VARCHAR2(30)	Value used to identify the transaction being reversed in the external system from which the imported item originated

#### Column Descriptions (Continued)

Name	Null?	Type	Description
BILLABLE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the item can accrue revenue

#### Indexes

Index Name	Index Type	Sequence	Column Name
PA_TRANSACTION_INTERFACE_N1	NOT UNIQUE	1 2 3	TRANSACTION_SOURCE BATCH_NAME TRANSACTION_STATUS_CODE
PA_TRANSACTION_INTERFACE_N2	NOT UNIQUE	1	EXPENDITURE_ID
PA_TRANSACTION_INTERFACE_N3	NOT UNIQUE	1	INTERFACE_ID
PA_TRANSACTION_INTERFACE_N4	NOT UNIQUE	1 2	TRANSACTION_SOURCE ORIG_TRANSACTION_REFERENCE
PA_TRANSACTION_INTERFACE_U1	UNIQUE	1	TXN_INTERFACE_ID

#### Database Triggers

Trigger Name : PA\_TRANSACTION\_INTERFACE\_T1  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE, DELETE

This trigger creates and maintains control records in PA\_TRANSACTION\_XFACE\_CTRL\_ALL table. These records control the transaction import process. A control record will be created for any new combination of transaction source, expenditure type class and batch\_name. The transaction\_count column is updated for any addition or deletion records with same combination. Once all the records in interface table have been processed for a given control record, the status of the control record is changed from pending to processed.

Trigger Name : PA\_TRANSACTION\_INTERFACE\_T2  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT

The system\_linkage column is a must for the grouping of transactions. If this column is null, this trigger will update the system\_linkage column in the pa\_transaction\_interface\_all table, with the default value of system\_linkage for the given transaction source from pa\_transaction\_sourcestable.

Trigger Name : PA\_TRANSACTION\_INTERFACE\_T3  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This will create audit records in pa\_txn\_interface\_audit table for any update in PA\_TRANSACTION\_INTERFACE table. Before update and afterupdate images are created as audit records for each update.

Trigger Name : PA\_TRANSACTION\_INTERFACE\_T4  
Trigger Time : AFTER  
Trigger Level : STATEMENT  
Trigger Event : UPDATE

During transaction import, when an transaction is rejected all the other transactions forming an expenditure is rejected with rejection code null. This trigger with set the status of these other transactions to 'P' once the rejected transaction is corrected and updated to pending status.

## PA\_TRANSACTION\_SOURCES

PA\_TRANSACTION\_SOURCES stores implementation-defined classifications for transactions originating in an external system and imported into Oracle Projects via the Transaction Import program. The Transaction Import program uses the transaction source classification to drive certain processing, such as what validation procedures are applicable for an interface item and whether the transaction record is purged from PA\_TRANSACTION\_INTERFACE\_ALL when successfully imported.

The transaction source classification is stored in the expenditure items created in Oracle Projects and is used by Oracle Project's adjustment modules to determine the correct processing outcome when adjusting imported items.

### Foreign Keys

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

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_SOURCE (PK)	NOT NULL	VARCHAR2(30)	Implementation-defined classification of a transaction loaded into PA from an external system
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(30)	The system-defined system linkage function that identifies the type of transaction, such as Labor, Expense Reports, or Usages, in order to drive certain processing by the Transaction Import program
COSTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether transactions classified by the transaction source are already costed (raw cost only) when loaded into Oracle Projects
PURGEABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether transactions classified by the transaction source are automatically purged from the interface table once successfully imported into Oracle Projects
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the transaction source
END_DATE_ACTIVE	NULL	DATE	Last effective date of the transaction source
DESCRIPTION	NULL	VARCHAR2(240)	User-entered comment that describes the transaction source
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
USER_TRANSACTION_SOURCE	NOT NULL	VARCHAR2(80)	Displayed name to uniquely identify the transaction source, which may be translated.
PREDEFINED_FLAG	NOT NULL	VARCHAR2(1)	Flag to identify if the transaction source is predefined or not. For user-defined transaction sources, this value is always set to N. This value is not displayed on any form or report.
ALLOW_ADJUSTMENTS_FLAG	NOT NULL	VARCHAR2(1)	Flag to specify if you can perform adjustments in Oracle Projects for expenditures imported with this transaction source
GL_ACCOUNTED_FLAG	NOT NULL	VARCHAR2(1)	Flag to specify if expenditures are already accounted for in an external system. If Y, then Oracle Projects requires the entry of debit and credit code combination ID in the interface table.
ALLOW_DUPLICATE_REFERENCE_FLAG	NOT NULL	VARCHAR2(1)	Flag to specify whether to allow duplicate values for the original system reference within this transaction source.
SKIP_TC_VALIDATION_FLAG	NOT NULL	VARCHAR2(1)	Flag to specify if Transaction Import should skip the validation of transaction controls because the expenditure was already validated by another Oracle Applications system. This flag is for internal use only.
COST_BURDENED_FLAG	NOT NULL	VARCHAR2(1)	This column is obsolete
MC_AMOUNTS_POPULATED	NULL	VARCHAR2(1)	This flag is used in Multiple Reporting currency implementations. A value of "Y" denotes that Oracle Projects currency exchange rates are to be used for transactions imported from external systems.
MODIFY_INTERFACE_FLAG	NULL	VARCHAR2(1)	Flag to allow update on the transactions from this source in Pa_Transaction_Interface table
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

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ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment

*Column Descriptions (Continued)*

Name	Null?	Type	Description
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ALLOW_EMP_ORG_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether an expenditure organization can be imported. This flag is not applicable to non-employee transactions.
ALLOW_BURDEN_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates that external system will provide burdened costs.
ALLOW_REVERSAL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether reversals are allowed.
CC_PROCESS_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether cross charging processing is to be performed for transactions from the source within Oracle Projects. Default value is Y
PRE_PROCESSING_EXTENSION	NULL	VARCHAR2(60)	User-defined name of the client extension to be called by Transaction Import prior to importing the items into Oracle Projects The values in this column will be in the format PackageNameProcedureName
POST_PROCESSING_EXTENSION	NULL	VARCHAR2(60)	User-defined name of the client extension to be called by Transaction Import following import of the items into Oracle Projects The values in this column will be in the format PackageNameProcedureName

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_TRANSACTION_SOURCES_U1	UNIQUE	1	TRANSACTION_SOURCE

## PA\_TRANSACTION\_XFACE\_CTRL\_ALL

PA\_TRANSACTION\_XFACE\_CTRL\_ALL is used internally by the Transaction Import program to control processing of pending transactions in the interface table by multiple concurrent requests. One record is inserted into PA\_TRANSACTION\_XFACE\_CTRL\_ALL for each unique transaction\_source/batch\_name record inserted into PA\_TRANSACTION\_INTERFACE\_ALL. Each request for the Transaction Import process locks the unprocessed records in the PA\_TRANSACTION\_XFACE\_CTRL\_ALL table that meet the request's selection criteria thereby preventing other requests from attempting to import the same transactions.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSACTION_STATUS_CODE	TRANSACTION STATUS	PA_LOOKUPS
	A	Accepted
	I	Imported
	P	Pending
	PO	Rejected in post-import
	PR	Rejected in pre-import
	R	Rejected

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_SOURCE	NOT NULL	VARCHAR2(30)	Transaction source being processed
BATCH_NAME	NOT NULL	VARCHAR2(10)	Batch name being processed
STATUS	NOT NULL	VARCHAR2(30)	Processing status
INTERFACE_ID	NULL	NUMBER(15)	System generated ID to identify the Transaction Import run
TRANSACTION_COUNT	NOT NULL	NUMBER	Number of records in the PA_TRANSACTION_INTERFACE_ALL table for the transaction source and batch name combination
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
SYSTEM_LINKAGE_FUNCTION	NOT NULL	VARCHAR2(3)	The system linkage that classifies the expenditure type in order to drive system processing for the items classified by the expenditure type
TRANSACTION_STATUS_CODE	NULL	VARCHAR2(2)	System-defined status of the transaction as it is loadinto PA
PRE_IMPORT_REJECT_COUNT	NULL	NUMBER	Number of transactions rejected by the pre_processing_extension
PRE_IMPORT_SUCCESS_COUNT	NULL	NUMBER	Number of transactions accepted by the pre_processing_extension

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IMPORT_REJECT_COUNT	NULL	NUMBER	Number of transactions rejected by Transaction Import
IMPORT_SUCCESS_COUNT	NULL	NUMBER	Number of transactions accepted by Transaction Import

*Column Descriptions (Continued)*

Name	Null?	Type	Description
POST_IMPORT_REJECT_COUNT	NULL	NUMBER	Number of transactions rejected by the post_processing_extension
POST_IMPORT_SUCCESS_COUNT	NULL	NUMBER	Number of transactions accepted by the post_processing extension

*Indexes*

Index Name	Index Type	Sequence	Column Name
PA_TRANSACTION_XFACE_CTRL_N1	NOT UNIQUE	1	TRANSACTION_SOURCE
		2	BATCH_NAME
		3	STATUS
PA_TRANSACTION_XFACE_CTRL_N2	NOT UNIQUE	1	INTERFACE_ID

*Sequences*

Sequence	Derived Column
PA_INTERFACE_ID_S	INTERFACE_ID

# PA\_TRANSFER\_AP\_INVOICES\_VIEW

PA\_TRANSFER\_AP\_INVOICES\_VIEW is used by the Interface Supplier Invoices process to retrieve project-related invoice distributions.

### View Definition

```
CREATE VIEW PA_TRANSFER_AP_INVOICES_VIEW
as SELECT
    DIST.INVOICE_ID, DECODE(PO.ACCRUE_ON_RECEIPT_FLAG, 'Y', PO.CODE_COMBINATION_ID,
DIST.DIST_CODE_COMBINATION_ID), DIST.LAST_UPDATE_DATE, DIST.LAST_UPDATED_BY,
DIST.ACCOUNTING_DATE, DIST.PERIOD_NAME, DIST.SET_OF_BOOKS_ID, DIST.AMOUNT, DIST.DESCRPTION,
DIST.TYPE_1099, DIST.VAT_CODE, DIST.POSTED_FLAG, DIST.BATCH_ID, DIST.REQ_DISTRIBUTION_ID,
DIST.QUANTITY_INVOICED, DIST.UNIT_PRICE, DIST.PRICE_ADJUSTMENT_FLAG, DIST.MATCH_STATUS_FLAG,
DIST.ATTRIBUTE_CATEGORY, DIST.ATTRIBUTE1, DIST.ATTRIBUTE2, DIST.ATTRIBUTE3, DIST.ATTRIBUTE4,
DIST.ATTRIBUTE5, DIST.PREPAY_AMOUNT_REMAINING, DIST.EARLIEST_SETTLEMENT_DATE,
DIST.ASSETS_ADDITION_FLAG, DIST.ASSETS_TRACKING_FLAG, DIST.DISTRIBUTION_LINE_NUMBER,
DIST.LINE_TYPE_LOOKUP_CODE, NVL(PO.PO_DISTRIBUTION_ID,DIST.PO_DISTRIBUTION_ID),
DIST.BASE_AMOUNT, DIST.EXCHANGE_RATE, DIST.EXCHANGE_RATE_TYPE, DIST.EXCHANGE_DATE,
DIST.PA_ADDITION_FLAG, DIST.JE_BATCH_ID, DIST.POSTED_AMOUNT, DIST.POSTED_BASE_AMOUNT,
DIST.ENCUMBERED_FLAG, DIST.AMOUNT_ENCUMBERED, DIST.QUANTITY_UNENCUMBERED,
DIST.AMOUNT_TO_POST, DIST.BASE_AMOUNT_TO_POST, DIST.ACCRUAL_POSTED_FLAG,
DIST.CASH_POSTED_FLAG, DIST.LAST_UPDATE_LOGIN, DIST.CREATION_DATE, DIST.CREATED_BY,
DIST.CASH_JE_BATCH_ID, DIST.REQUEST_ID, DIST.PROGRAM_APPLICATION_ID, DIST.PROGRAM_ID,
DIST.PROGRAM_UPDATE_DATE, DIST.STAT_AMOUNT, DIST.BASE_AMOUNT_ENCUMBERED, DIST.ATTRIBUTE11,
DIST.ATTRIBUTE12, DIST.ATTRIBUTE13, DIST.ATTRIBUTE14, DIST.ATTRIBUTE6, DIST.ATTRIBUTE7,
DIST.ATTRIBUTE8, DIST.ATTRIBUTE9, DIST.ATTRIBUTE10, DIST.ATTRIBUTE15,
DIST.ACCTS_PAY_CODE_COMBINATION_ID, DIST.RATE_VAR_CODE_COMBINATION_ID,
DIST.PRICE_VAR_CODE_COMBINATION_ID, DIST.EXCHANGE_RATE_VARIANCE, DIST.INVOICE_PRICE_VARIANCE,
DIST.BASE_INVOICE_PRICE_VARIANCE, DIST.REVERSAL_FLAG, DIST.PARENT_INVOICE_ID,
DIST.INCOME_TAX_REGION, DIST.FINAL_MATCH_FLAG, DIST.USSGL_TRANSACTION_CODE,
DIST.USSGL_TRX_CODE_CONTEXT, DIST.EXPENDITURE_ITEM_DATE, DIST.EXPENDITURE_ORGANIZATION_ID,
DIST.EXPENDITURE_TYPE, DIST.PA_QUANTITY, DIST.PROJECT_ID, DIST.TASK_ID,
DIST.PROJECT_ACCOUNTING_CONTEXT, PO.destination_type_code, DIST.RECEIPT_CURRENCY_AMOUNT,
DIST.RECEIPT_CURRENCY_CODE, DIST.RECEIPT_CONVERSION_RATE
FROM
    ap_invoice_distributions DIST, po_distributions PO
Where
    DIST.project_id > 0 AND DIST.po_distribution_id = PO.po_distribution_id(+)
```

### Column Descriptions

Name	Null?	Type	Description
INVOICE_ID	NOT NULL	NUMBER(15)	Invoice identifier
DIST_CODE_COMBINATION_ID	NULL	NUMBER	Accounting flexfield identifier for expense account associated with a distribution line
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
ACCOUNTING_DATE	NOT NULL	DATE	Accounting date
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Period name
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
AMOUNT	NULL	NUMBER	Invoice distribution amount
DESCRIPTION	NULL	VARCHAR2(240)	Description
TYPE_1099	NULL	VARCHAR2(10)	1099 type

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VAT_CODE	NULL	VARCHAR2(15)	Value-added tax code
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Column Descriptions (Continued)

Name	Null?	Type	Description
POSTED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if invoice distribution has been posted
BATCH_ID	NULL	NUMBER(15)	Invoice batch identifier
REQ_DISTRIBUTION_ID	NULL	NUMBER(15)	No longer used
QUANTITY_INVOICED	NULL	NUMBER	Quantity billed for purchase order matched invoice distributions
UNIT_PRICE	NULL	NUMBER	Unit price for purchase order matched invoice items
PRICE_ADJUSTMENT_FLAG	NULL	VARCHAR2(1)	No longer used
MATCH_STATUS_FLAG	NULL	VARCHAR2(1)	Approval status
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	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
PREPAY_AMOUNT_REMAINING	NULL	NUMBER	Amount of prepayment that can still be applied to an invoice
EARLIEST_SETTLEMENT_DATE	NULL	DATE	Date associated with a prepayment after which you can apply invoices against prepayment (only used for temporary prepayments, column is null for permanent prepayments)
ASSETS_ADDITION_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if distribution has been transferred into Oracle Assets (U, Y, or N)
ASSETS_TRACKING_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if distribution line is tracked in Oracle Assets (Y or N)
DISTRIBUTION_LINE_NUMBER	NOT NULL	NUMBER(15)	Distribution line number
LINE_TYPE_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Name of line type (ITEM, TAX, FREIGHT, MISCELLANEOUS)
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase order distribution line identifier for purchase order matched invoice distributions
BASE_AMOUNT	NULL	NUMBER	Amount of invoice in functional currency, only used for foreign currency invoices
EXCHANGE_RATE	NULL	NUMBER	Exchange rate for a foreign currency invoice
EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	Exchange rate type for a foreign currency invoice
EXCHANGE_DATE	NULL	DATE	Date exchange rate is obtained from daily rates table
PA_ADDITION_FLAG	NULL	VARCHAR2(1)	Flag that indicates if project-related invoice distributions have been transferred to Oracle Projects (Y or N)
JE_BATCH_ID	NULL	NUMBER(15)	Journal entry batch identifier

POSTED_AMOUNT	NULL	NUMBER	Amount posted to general ledger in invoice currency (used only if cash or combined basis accounting is used)
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
POSTED_BASE_AMOUNT	NULL	NUMBER	Amount posted to general ledger in functional currency (used only if cash or combined basis accounting is used)
ENCUMBERED_FLAG	NULL	VARCHAR2(1)	Flag indicating encumbrance status of distribution line
AMOUNT_ENCUMBERED	NULL	NUMBER	Variance between an invoice and its matched purchase order in foreign currency (excluding exchange rate variances for matched distribution lines)
QUANTITY_UNENCUMBERED	NULL	NUMBER	No longer used
AMOUNT_TO_POST	NULL	NUMBER	Amount to post when using Cash Basis accounting
BASE_AMOUNT_TO_POST	NULL	NUMBER	Base amount to post when using Cash Basis accounting
ACCRUAL_POSTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if distribution has been posted to accrual set of books (Y or N)
CASH_POSTED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates if distribution has been posted to cash set of books (Y or N)
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
CREATED_BY	NULL	NUMBER(15)	Standard Who Column
CASH_JE_BATCH_ID	NULL	NUMBER(15)	Cash journal entry batch identifier
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
STAT_AMOUNT	NULL	NUMBER	Amount associated with a distribution line for measuring statistical quantities
BASE_AMOUNT_ENCUMBERED	NULL	NUMBER	Variance between an invoice and its matched purchase order in functional currency (including exchange rate variances for matched distribution lines)
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
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
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

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ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for liability account associated with a distribution line
RATE_VAR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for exchange rate variance account for distribution line
PRICE_VAR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for price variance account associated with a distribution line matched to a purchase order

*Column Descriptions (Continued)*

Name	Null?	Type	Description
EXCHANGE_RATE_VARIANCE	NULL	NUMBER	Amount of exchange rate variance for invoice distribution line matched to a purchase order
INVOICE_PRICE_VARIANCE	NULL	NUMBER	Amount of price variance in invoice currency for invoice distribution line matched to purchase order
BASE_INVOICE_PRICE_VARIANCE	NULL	NUMBER	Amount of price variance in functional currency (distributed to expense Accounting Flexfield) for invoice distribution line matched to purchase order
REVERSAL_FLAG	NULL	VARCHAR2(1)	Flag that indicates if distribution line is reversing distribution line
PARENT_INVOICE_ID	NULL	NUMBER(15)	Identifier for invoice matched to a credit or debit memo
INCOME_TAX_REGION	NULL	VARCHAR2(10)	Reporting region for distribution line for 1099 vendor
FINAL_MATCH_FLAG	NULL	VARCHAR2(1)	Final match indicator for distribution line matched to purchase order
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Refer to base table.
USSGL_TRX_CODE_CONTEXT	NULL	VARCHAR2(30)	USSGL Transaction Code Descriptive Flexfield context column
EXPENDITURE_ITEM_DATE	NULL	DATE	Date for project expenditure item used to build Accounting Flexfield for project-related distribution line
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier for project organization used to build Accounting Flexfield for project-related distribution line
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Project expenditure type used to build Accounting Flexfield for project-related distribution line
PA_QUANTITY	NULL	NUMBER(22,5)	Project item quantity used to build Accounting Flexfield for project-related distribution line
PROJECT_ID	NULL	NUMBER(15)	Identifier for project used to build Accounting Flexfield for project-related distribution line

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TASK_ID	NULL	NUMBER(15)	Identifier for project task used to build Accounting Flexfield for project-related distribution line
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Oracle Projects Descriptive Flexfield context column
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Refer to base table.
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	Refer to base table.
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	Refer to base table.
RECEIPT_CONVERSION_RATE	NULL	NUMBER	Refer to base table.

## PA\_TXN\_ACCUM

PA\_TXN\_ACCUM stores the lowest level of summarization which is the base for project summary amounts. Transaction accumulation records are grouped by transaction attributes for each pa\_period, gl\_period, week\_ending\_date, month\_ending\_date, task\_id and project\_id for cost distribution lines, revenue distribution lines, event revenue distribution lines, and commitments; one record for each combination is created in this table. For project level amounts, the task\_id is stored as zero.

Incremental amounts are added to total amounts when amounts are rolled-up to project summary tables (PA\_PROJECT\_ACCUM\_ACTUALS and PA\_PROJECT\_ACCUM\_COMMITMENTS).

### Column Descriptions

Name	Null?	Type	Description
TXN_ACCUM_ID (PK)	NOT NULL	NUMBER(15)	The identifier uniquely identifies txns that were groups of accumulated txns
PERSON_ID	NULL	NUMBER	The identifier of the person for which accumulation is done
JOB_ID	NULL	NUMBER	The identifier of the job for which accumulation is done
ORGANIZATION_ID	NULL	NUMBER	The identifier of the organization for which accumulation is done
VENDOR_ID	NULL	NUMBER	The identifier of the supplier for which accumulation is done
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type of the accumulated txn
EVENT_TYPE	NULL	VARCHAR2(30)	Event type of the accumulated txn
NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	Expenditure category of the accumulated txn
EXPENDITURE_CATEGORY	NULL	VARCHAR2(30)	Expenditure category of the accumulated txn
REVENUE_CATEGORY	NULL	VARCHAR2(30)	Revenue category of the accumulated txn
NON_LABOR_RESOURCE_ORG_ID	NULL	NUMBER	Non labor resource organization id of the accumulated txn
EVENT_TYPE_CLASSIFICATION	NULL	VARCHAR2(30)	Event type classification of the accumulated txn
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(30)	System linkage function of the accumulated txn
PROJECT_ID	NOT NULL	NUMBER(15)	Identifier of project for the accumulated txn
TASK_ID	NOT NULL	NUMBER(15)	Identifier of task for the accumulated txn
PA_PERIOD	NOT NULL	VARCHAR2(20)	PA period name of the accumulated txn
GL_PERIOD	NOT NULL	VARCHAR2(15)	GL period name of the accumulated txn
MONTH_ENDING_DATE	NOT NULL	DATE	Month ending date for the accumulated transaction

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WEEK_ENDING_DATE	NOT NULL	DATE	Week ending date for the accumulated transaction
TOT_REVENUE	NULL	NUMBER	Total revenue amount

*Column Descriptions (Continued)*

Name	Null?	Type	Description
TOT_RAW_COST	NULL	NUMBER	Total Raw cost amount
TOT_BURDENED_COST	NULL	NUMBER	Total Burdened cost amount
TOT_QUANTITY	NULL	NUMBER	Total quantity amount
TOT_LABOR_HOURS	NULL	NUMBER	Total labor hours amount
TOT_BILLABLE_RAW_COST	NULL	NUMBER	Total billable raw cost amount
TOT_BILLABLE_BURDENED_COST	NULL	NUMBER	Total billable burdened cost amount
TOT_BILLABLE_QUANTITY	NULL	NUMBER	Total billable quantity amount
TOT_BILLABLE_LABOR_HOURS	NULL	NUMBER	Total billable labor hours amount
TOT_CMT_RAW_COST	NULL	NUMBER	Total commitment raw cost amount
TOT_CMT_BURDENED_COST	NULL	NUMBER	Total commitment burdened cost amount
TOT_CMT_QUANTITY	NULL	NUMBER	Total commitment quantity amount
I_TOT_REVENUE	NULL	NUMBER	Also stores future period revenue amount
I_TOT_RAW_COST	NULL	NUMBER	Also stores future period raw cost amount
I_TOT_BURDENED_COST	NULL	NUMBER	Also stores future period burdened cost amount
I_TOT_QUANTITY	NULL	NUMBER	Also stores future period quantity
I_TOT_LABOR_HOURS	NULL	NUMBER	Also stores future period labor hours
I_TOT_BILLABLE_RAW_COST	NULL	NUMBER	Also stores future period billable raw cost
I_TOT_BILLABLE_BURDENED_COST	NULL	NUMBER	Also stores future period billable burdened cost
I_TOT_BILLABLE_QUANTITY	NULL	NUMBER	Also stores future period billable quantity
I_TOT_BILLABLE_LABOR_HOURS	NULL	NUMBER	Also stores future period billable labor hours
COST_IND_COMPILED_SET_ID	NULL	NUMBER(15)	Indirect compiled set id used for calculating burdened cost
REV_IND_COMPILED_SET_ID	NULL	NUMBER(15)	Indirect compiled set id used for calculating revenue
INV_IND_COMPILED_SET_ID	NULL	NUMBER(15)	Indirect compiled set id used for calculating invoice
CMT_IND_COMPILED_SET_ID	NULL	NUMBER(15)	Indirect compiled set used for calculating burdened cost for commitments
UNIT_OF_MEASURE	NULL	VARCHAR2(30)	Unit of measure for commitments or actual cost
ACTUAL_COST_ROLLUP_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the actual cost is rolled up to pa_project_accum_actuals
REVENUE_ROLLUP_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the revenue is rolled up to pa_project_accum_actuals
CMT_ROLLUP_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the commitment are rolled up to pa_project_accum_commitments
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column

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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

#### Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

#### Indexes

Index Name	Index Type	Sequence	Column Name
PA_TXN_ACCUM_N2	NOT UNIQUE	1	PROJECT_ID
		2	PA_PERIOD
		3	TASK_ID
		4	WEEK_ENDING_DATE
		5	EXPENDITURE_TYPE
		6	ORGANIZATION_ID
		7	PERSON_ID
PA_TXN_ACCUM_N5	NOT UNIQUE	1	PROJECT_ID
		2	PA_PERIOD
		3	TASK_ID
		4	WEEK_ENDING_DATE
		5	EVENT_TYPE
		6	ORGANIZATION_ID
PA_TXN_ACCUM_N6	NOT UNIQUE	1	ACTUAL_COST_ROLLUP_FLAG
		2	PROJECT_ID
PA_TXN_ACCUM_N7	NOT UNIQUE	1	REVENUE_ROLLUP_FLAG
		2	PROJECT_ID
PA_TXN_ACCUM_N8	NOT UNIQUE	1	CMT_ROLLUP_FLAG
		2	PROJECT_ID
PA_TXN_ACCUM_N9	NOT UNIQUE	1	ADW_NOTIFY_FLAG
		2	PROJECT_ID
PA_TXN_ACCUM_U1	UNIQUE	1	TXN_ACCUM_ID

#### Sequences

Sequence	Derived Column
PA_TXN_ACCUM_S	TXN_ACCUM_ID

#### Database Triggers

Trigger Name : PA\_ADW\_TXN\_ACCUM\_T1  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger maintains the ADW\_NOTIFY\_FLAG column for any updates to  
 TOT\_REVENUE, TOT\_RAW\_COST, TOT\_BURDENED\_COST, TOT\_QUANTITY, TOT\_LABOR\_HOURS,  
 TOT\_BILLABLE\_RAW\_COST, TOT\_BILLABLE\_BURDENED\_COST, TOT\_BILLABLE\_QUANTITY,  
 TOT\_BILLABLE\_LABOR\_HOURS, TOT\_CMT\_RAW\_COST, TOT\_CMT\_BURDENED\_COST, TOT\_CMT\_QUANTITY and  
 UNIT\_OF\_MEASURE

## PA\_TXN\_ACCUM\_DETAILS

PA\_TXN\_ACCUM\_DETAILS stores the drilldown information from the PA\_TXN\_ACCUM table to cost distribution lines (CDL), revenue distribution lines (RDL), event revenue distribution lines (ERDL), and commitment lines.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_COMMITMENT_TXNS	CMT_LINE_ID	CMT_LINE_ID
PA_COST_DISTRIBUTION_LINES_ALL	EXPENDITURE_ITEM_ID LINE_NUM	EXPENDITURE_ITEM_ID LINE_NUM
PA_CUST_EVENT_RDL_ALL	PROJECT_ID EVENT_NUM TASK_ID LINE_NUM	PROJECT_ID EVENT_NUM TASK_ID LINE_NUM
PA_CUST_REV_DIST_LINES_ALL	EXPENDITURE_ITEM_ID LINE_NUM	EXPENDITURE_ITEM_ID LINE_NUM
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PA_TXN_ACCUM	TXN_ACCUM_ID	TXN_ACCUM_ID

### Column Descriptions

Name	Null?	Type	Description
TXN_ACCUM_ID	NOT NULL	NUMBER(15)	The identifier of txn accum defined in pa_txn_accum
LINE_TYPE	NOT NULL	VARCHAR2(1)	Line type for drill down, 'C','R','E','M' for CDL, RDL,ERDL and commitments
EXPENDITURE_ITEM_ID	NULL	NUMBER	Identifier of expenditure item for drilldown to CDL
EVENT_NUM	NULL	NUMBER	Event number for drill down to ERDL
LINE_NUM	NULL	NUMBER	Line_num for Cost and revenue distribution lines
PROJECT_ID	NULL	NUMBER	Identifier of the project for which this detail was created
TASK_ID	NULL	NUMBER	Identifier of the task for which this detail was created
CMT_LINE_ID	NULL	NUMBER	Identifier for commitments for which this detail was created
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	NOT NULL	NUMBER	Standard Who Column
REQUEST_ID	NULL	NUMBER	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who Column
PROGRAM_ID	NULL	NUMBER	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_TXN_ACCUM_DETAILS_N1	NOT UNIQUE	1	TXN_ACCUM_ID
		2	LINE_TYPE

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*Indexes (Continued)*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
PA_TXN_ACCUM_DETAILS_N2	NOT UNIQUE	1	EXPENDITURE_ITEM_ID
		2	LINE_TYPE
PA_TXN_ACCUM_DETAILS_N3	NOT UNIQUE	1	CMT_LINE_ID

## PA\_TXN\_INTERFACE\_AUDIT\_ALL

PA\_TXN\_INTERFACE\_AUDIT\_ALL is used for auditing the updates taking place on PA\_TRANSACTION\_INTERFACE\_ALL table. For any update on columns other than the system populated columns, two records are created in this table. The before\_after\_flag will specify whether the record has pre-update or post-update values.

### Column Descriptions

Name	Null?	Type	Description
TRANSACTION_SOURCE	NOT NULL	VARCHAR2(30)	Implementation-defined name used to classify the transaction by the type of expenditure incurred
BATCH_NAME	NOT NULL	VARCHAR2(50)	User-entered name for a grouping of expenditures in the interface table. For one transaction source, all items with the same BATCH_NAME are imported into PA in the same expenditure group, if processed together
EXPENDITURE_ENDING_DATE	NOT NULL	DATE	The date of the last day in the expenditure week. PA uses this value to group transactions into expenditures. All items must be dated on or before their EXPENDITURE_ENDING_DATE
EMPLOYEE_NUMBER	NULL	VARCHAR2(30)	The employee number of the person who incurred the expenditure. Labor and expense report items must be linked to an employee, but usages can be entered for an organization instead of an employee
ORGANIZATION_NAME	NULL	VARCHAR2(60)	The name of the organization that incurred the expenditure. If an employee is specified, this column can be NULL since PA derives its value based on the employee's organization assignment as of the expenditure item 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
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure type that classifies the kind of charge for the transaction
NON_LABOR_RESOURCE	NULL	VARCHAR2(20)	Non-labor resource utilized when incurring the transaction charge. This column is only populated for usage transactions

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NON_LABOR_RESOURCE_ORG_NAME	NULL	VARCHAR2(60)	Name of the organization that owns the non-labor resource utilized. This column is only populated for usage items
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Column Descriptions (Continued)

Name	Null?	Type	Description
QUANTITY	NOT NULL	NUMBER(22,2)	Number of units for the transaction. This column is defined with a precision of 2 in order to maintain consistency with PA's expenditure entry forms which round expenditure item quantities to '2' decimal places when saved to the database
RAW_COST	NULL	NUMBER(22,2)	The total raw cost for the transaction as calculated in the original, external system. If the transaction source identifies the item as 'Costed' then PA loads the raw cost and ensures that the amount is never altered
EXPENDITURE_COMMENT	NULL	VARCHAR2(240)	User-entered free text comment to describe the transaction
TRANSACTION_STATUS_CODE	NOT NULL	VARCHAR2(2)	System-defined status of the transaction as it is loaded into PA
TRANSACTION_REJECTION_CODE	NULL	VARCHAR2(30)	System-defined reason why Transaction Import rejected the item
EXPENDITURE_ID	NULL	NUMBER(15)	System-defined number populated by Transaction Import to identify transactions it has grouped into an expenditure
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
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
RAW_COST_RATE	NULL	NUMBER(22,5)	The cost rate used to calculate the transaction's raw cost amount. PA loads this cost rate for transactions identified by a 'Costed' transaction source. PA performs no validation on this value, and it is used only for reporting purposes

INTERFACE_ID	NULL	NUMBER(15)	System-generated number that identifies all the transactions processed by a given concurrent request
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
UNMATCHED_NEGATIVE_TXN_FLAG	NULL	VARCHAR2(1)	Flag used to identify certain adjustments (transactions with negative quantities) as summary-level adjustments for which there is no single matching item in PA to reverse. When this flag is Y, PA does not execute the matching value
EXPENDITURE_ITEM_ID	NULL	NUMBER(15)	The system-generated number that uniquely identifies the expenditure item
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
DR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Identifier of the debit code combination ID for transactions that are accounted for in external system
CR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Identifier of the credit code combination ID for transactions that are accounted for in external system
CDL_SYSTEM_REFERENCE1	NULL	VARCHAR2(30)	Reference to be copied to PA_COST_DISTRIBUTION_LINES.SYSTemplate_REFERENCE1 for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG on the transaction source
CDL_SYSTEM_REFERENCE2	NULL	VARCHAR2(30)	Reference to be copied to PA_COST_DISTRIBUTION_LINES.SYSTemplate_REFERENCE2 for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG on the transaction source
CDL_SYSTEM_REFERENCE3	NULL	VARCHAR2(30)	Reference to be copied to PA_COST_DISTRIBUTION_LINES.SYSTemplate_REFERENCE3 for transactions that are accounted for in external systems as specified by the GL_ACCOUNTED_FLAG on the transaction source
GL_DATE	NULL	DATE	GL_DATE to be copied to PA_COST_DISTRIBUTION_LINES.GL_DATE for transactions that are accounted for in external systems as specified by theGL_ACCOUNTED_FLAG flag on the transaction source. This date is used to derive the PA_DATE on CDLs
BURDENED_COST	NULL	NUMBER(22,5)	Total cost including burden cost ( raw cost + burden cost)

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BURDENED_COST_RATE	NULL	NUMBER(22,5)	Burden Cost/Quantity
SYSTEM_LINKAGE	NULL	VARCHAR2(30)	System Linkage or Expenditure Type Class of the transaction
TXN_INTERFACE_ID	NOT NULL	NUMBER(15)	The system generated number that uniquely identifies this transaction
BEFORE_AFTER_FLAG	NOT NULL	VARCHAR2(1)	Flag to identify before or after image of a transaction 'B' - before, 'A' - after
UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
UPDATE_DATE	NOT NULL	DATE	Standard Who column

*Column Descriptions (Continued)*

Name	Null?	Type	Description
USER_TRANSACTION_SOURCE	NULL	VARCHAR2(80)	User-defined source for this transaction
RECEIPT_CURRENCY_AMOUNT	NULL	NUMBER	Receipt currency amount of the transaction
RECEIPT_CURRENCY_CODE	NULL	VARCHAR2(15)	Receipt currency code of the transaction
RECEIPT_EXCHANGE_RATE	NULL	NUMBER	Receipt exchange rate for the transaction
DENOM_CURRENCY_CODE	NULL	VARCHAR2(15)	Transaction currency code of the transaction
DENOM_RAW_COST	NULL	NUMBER	Raw cost in Transaction currency
DENOM_BURDENED_COST	NULL	NUMBER	Burdened cost in Transaction currency
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_RAW_COST	NULL	NUMBER	Raw cost in Functional currency
ACCT_BURDENED_COST	NULL	NUMBER	Burdened cost in Functional currency
ACCT_EXCHANGE_ROUNDING_LIMIT	NULL	NUMBER	Rounding limit for imported transactions
PROJECT_CURRENCY_CODE	NULL	VARCHAR2(15)	Project currency code of the transaction
PROJECT_RATE_DATE	NULL	DATE	Project rate date for the transaction
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Project rate type for the transaction
PROJECT_EXCHANGE_RATE	NULL	NUMBER	Project exchange rate for the transaction
ORIG_EXP_TXN_REFERENCE1	NULL	VARCHAR2(60)	Expenditure Identifier in external system(system reference). For Oracle Payables, invoice ID should be populated into this field
ORIG_EXP_TXN_REFERENCE2	NULL	VARCHAR2(60)	'Additional colum provided to group transactions into expenditures
ORIG_EXP_TXN_REFERENCE3	NULL	VARCHAR2(60)	'Additional colum provided to group transactions into expenditures

ORIG_USER_EXP_TXN_REFERENCE	NULL	VARCHAR2(60)	Expenditure Identifier in external system(user reference). For Oracle Payables, invoice number should be populated into this field
OVERRIDE_TO_ORGANIZATION_NAME	NULL	VARCHAR2(60)	Supplier Invoice Distribution's override to organization name
REVERSED_ORIG_TXN_REFERENCE	NULL	VARCHAR2(30)	Identifier of the original transaction that has been reversed in the external system
VENDOR_NUMBER	NULL	VARCHAR2(30)	Supplier Number
BILLABLE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if the item can accrue revenue

#### *Indexes*

Index Name	Index Type	Sequence	Column Name
PA_TXN_INTERFACE_AUDIT_N1	NOT UNIQUE	1	TXN_INTERFACE_ID

#### *Indexes (Continued)*

Index Name	Index Type	Sequence	Column Name
PA_TXN_INTERFACE_AUDIT_N2	NOT UNIQUE	2	EXPENDITURE_ITEM_ID



## PA\_UNBILLED\_REC\_REPORTING

PA\_UNBILLED\_REC\_REPORTING is used to report project unbilled receivables aging in the MGT: Unbilled Receivables report. No data exists in this report, since the data is temporarily stored in the table during the processing of the report, but is never committed.

### Column Descriptions

Name	Null?	Type	Description
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project that is reported
EI_BUCKET1	NULL	NUMBER(22,5)	The first aging bucket for unbilled expenditure item revenue amounts
EI_BUCKET2	NULL	NUMBER(22,5)	The second aging bucket for unbilled expenditure item revenue amounts
EI_BUCKET3	NULL	NUMBER(22,5)	The third aging bucket for unbilled expenditure item revenue amounts
EI_BUCKET4	NULL	NUMBER(22,5)	The fourth aging bucket for unbilled expenditure item revenue amounts
EVENT_BUCKET1	NULL	NUMBER(22,5)	The first aging bucket for unbilled event revenue amounts
EVENT_BUCKET2	NULL	NUMBER(22,5)	The second aging bucket for unbilled event revenue amounts
EVENT_BUCKET3	NULL	NUMBER(22,5)	The third aging bucket for unbilled event revenue amounts
EVENT_BUCKET4	NULL	NUMBER(22,5)	The fourth aging bucket for unbilled event revenue amounts
EVENT_INV_AMOUNT	NULL	NUMBER(22,5)	The event amount billed on this project's invoices
COST_WORK_AMOUNT	NULL	NUMBER(22,5)	The amount billed on this project's invoices for expenditure items in which the revenue amount != bill amount (particularly for projects with COST/WORK distribution rule)
INVOICE_REDUCTION	NULL	NUMBER(22,5)	The amount of invoice reduction events that have been billed on this project's invoices
RETENTION	NULL	NUMBER(22,5)	The amount of retention included on this project's invoices

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_UNBILLED_REC_REPORTING_U1	UNIQUE	1	PROJECT_ID

# PA\_UNIQUE\_IDENTIFIER\_CONTROL

PA\_UNIQUE\_IDENTIFIER\_CONTROL stores the next automatic project number to use when you use automatic project numbering. This value is used across all operating units in a multi-organization implementation that uses automatic project numbering.

Column Descriptions

Name	Null?	Type	Description
TABLE_NAME (PK)	NOT NULL	VARCHAR2(32)	Hold value of 'PA_PROJECTS'
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
NEXT_UNIQUE_IDENTIFIER	NULL	NUMBER	Next automatic project number

## PA\_USAGE\_COST\_RATE\_OVR\_ALL

PA\_USAGE\_COST\_RATE\_OVERRIDES\_ALL stores special cost rates for non-labor resources and owning organizations. These cost rates override the cost rates defined for a non-labor resource's expenditure type.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PA_NON_LABOR_RESOURCE_ORGS	ORGANIZATION_ID NON_LABOR_RESOURCE	ORGANIZATION_ID NON_LABOR_RESOURCE

### Column Descriptions

Name	Null?	Type	Description
NON_LABOR_RESOURCE (PK)	NOT NULL	VARCHAR2(20)	The non-labor resource that is costed according to the usage cost rate override
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	The identifier of the organization that owns the resource
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 (PK)	NOT NULL	DATE	First effective date of the usage cost rate override
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	The expenditure type of the non-labor resource
RATE	NOT NULL	NUMBER(22,5)	The cost rate used to determine the non-labor item's raw cost. Raw cost = (cost rate * quantity)
END_DATE_ACTIVE	NUL	DATE	Last effective date of the usage cost rate override
ORG_ID (PK)	NUL	NUMBER(15)	Operating unit identifier for multi-organization installations

### Indexes

Index Name	Index Type	Sequence	Column Name
PA_USAGE_COST_RATE_OVERRIDE_U1	UNIQUE	1	ORGANIZATION_ID
		2	NON_LABOR_RESOURCE
		3	START_DATE_ACTIVE
		5	ORG_ID

# PA\_USER\_RESP\_V

PA\_USER\_RESP\_V displays all the Applications responsibilities for a given user. The view is mainly used by external project management systems that need to choose a responsibility before exporting data from their systems to Oracle Projects.

### View Definition

```
CREATE VIEW PA_USER_RESP_V
as SELECT
    FU.USER_ID
    , FU.USER_NAME
    , FUR.RESPONSIBILITY_ID
    , FR.RESPONSIBILITY_NAME
FROM FND_USER FU,
    FND_USER_RESP_GROUPS FUR,
    FND_RESPONSIBILITY_VL FR
Where FU.USER_ID = FUR.USER_ID
AND FUR.RESPONSIBILITY_APPLICATION_ID = 275
AND FR.APPLICATION_ID = FUR.RESPONSIBILITY_APPLICATION_ID
AND FR.RESPONSIBILITY_ID = FUR.RESPONSIBILITY_ID
AND TRUNC(SYSDATE) BETWEEN TRUNC(FR.START_DATE) AND
                                TRUNC( NVL( ( FR.END_DATE - 1 ) , SYSDATE
))
```

### Column Descriptions

Name	Null?	Type	Description
USER_ID	NOT NULL	NUMBER(15)	Refer to base table.
USER_NAME	NOT NULL	VARCHAR2(100)	Refer to base table.
RESPONSIBILITY_ID	NOT NULL	NUMBER(15)	Refer to base table.
RESPONSIBILITY_NAME	NOT NULL	VARCHAR2(100)	Refer to base table.

## PA\_WF\_PROCESSES

PA\_WF\_PROCESSES stores versions of project and budget workflows. There could be many workflows for a project 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.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
WF_TYPE_CODE	WF_TYPE	PA_LOOKUPS
	BUDGET	Budget Workflow
	PROJECT	Project Workflow

### Column Descriptions

Name	Null?	Type	Description
WF_TYPE_CODE	NOT NULL	VARCHAR2(30)	This code indicates the workflow type.
ITEM_TYPE	NOT NULL	VARCHAR2(30)	This is the workflow item type.
ITEM_KEY	NOT NULL	VARCHAR2(240)	This is the workflow item key.
ENTITY_KEY1	NOT NULL	VARCHAR2(80)	This is the primary key of the entity for which the workflow is initiated.
ENTITY_KEY2	NOT NULL	VARCHAR2(80)	This is a supplemental column for storing the primary key of the entity for which the workflow is initiated.
DESCRIPTION	NULL	VARCHAR2(255)	This is the 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
PA_WF_PROCESSES_U1	UNIQUE	1	WF_TYPE_CODE
		2	ITEM_TYPE
		3	ITEM_KEY
		4	ENTITY_KEY1
		5	ENTITY_KEY2

## PER\_ADDRESSES

PER\_ADDRESSES holds address information for current and ex-employees, current and ex-applicants and employee contacts. Addresses have a specific address STYLE that identifies the address format for a specific country, or territory. A person may have more than one address at any one time, and each address can be in a different style. ADDRESS\_TYPE is user-defined and can be used to identify different types of address, for example, school, temporary or permanent address. The PRIMARY\_FLAG identifies the primary address. Primary addresses are not DateTracked, but they are contiguous and cannot overlap. From the first date a person has an address to the last date they have an address, a person must have one primary address. Any secondary address can be disabled by entering a value in DATE\_TO.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ADDRESS_TYPE	ADDRESS_TYPE	FND_COMMON_LOOKUPS
PRIMARY_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
ADDRESS_ID (PK)	NOT NULL	NUMBER(15)	System-generated primary key column.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
PERSON_ID	NOT NULL	NUMBER(10)	Foreign key to PER_PEOPLE.
DATE_FROM	NOT NULL	DATE	Start date at the address.
PRIMARY_FLAG	NOT NULL	VARCHAR2(30)	Indicates whether this is the primary address for the person.
STYLE	NOT NULL	VARCHAR2(30)	Address style - foreign key to FND_TERRITORIES.
ADDRESS_LINE1	NULl	VARCHAR2(60)	The first line of the address.
ADDRESS_LINE2	NULl	VARCHAR2(60)	The second line of the address.
ADDRESS_LINE3	NULl	VARCHAR2(60)	The third line of the address.
ADDRESS_TYPE	NULl	VARCHAR2(30)	Address type, for example, home, business, weekend.
COMMENTS	NULl	LONG	General remark.
COUNTRY	NULl	VARCHAR2(60)	Country.
DATE_TO	NULl	DATE	End date at this address.
POSTAL_CODE	NULl	VARCHAR2(30)	National code to identify addresses in a specific country.

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REGION_1	NULL	VARCHAR2(70)	Primary region in which the address is located.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
REGION_2	NULL	VARCHAR2(70)	Sub region of region 1 in which the address is located.
REGION_3	NULL	VARCHAR2(70)	Sub region of region 2 in which the address is located.
TELEPHONE_NUMBER_1	NULL	VARCHAR2(60)	Telephone number for the address.
TELEPHONE_NUMBER_2	NULL	VARCHAR2(60)	Second telephone number for the address.
TELEPHONE_NUMBER_3	NULL	VARCHAR2(60)	Third telephone number for the address.
TOWN_OR_CITY	NULL	VARCHAR2(30)	Town or city name.
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.
ADDR_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield column.
ADDR_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ADDR_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	System-generated version of row. Increments by one with each update.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PER_ADDRESSES_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_ADDRESSES_N2	NOT UNIQUE	1	PERSON_ID
PER_ADDRESSES_PK	UNIQUE	1	ADDRESS_ID

### *Sequences*

Sequence	Derived Column
PER_ADDRESSES_S	ADDRESS_ID

### *Database Triggers*

Trigger Name : PER\_ADDRESSES\_OVN  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE

This trigger maintains the object\_version\_number column when a record is modified via an interface which does not support object\_version\_number explicitly. This ensures the object\_version\_number is maintained consistently.



## PER\_ALL\_ASSIGNMENTS\_F

PER\_ALL\_ASSIGNMENTS\_F is the DateTracked table that holds information about employee assignments. It also holds details of assignments for which an applicant has applied. The ASSIGNMENT\_TYPE is E for an employee assignment, and A for an applicant assignment. Employees must have at least one employee assignment at all times in a period of service, and each assignment must have a unique number. Employees can have multiple assignments at any time, but there must always be a designated primary assignment. Applicants must have at least one applicant assignment throughout their application. Each assignment has an assignment status that can change over time.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ESTABLISHMENT_ID
HR_LOCATIONS_ALL	LOCATION_ID	LOCATION_ID
HR_SOFT_CODING_KEYFLEX	SOFT_CODING_KEYFLEX_ID	SOFT_CODING_KEYFLEX_ID
PAY_PEOPLE_GROUPS	PEOPLE_GROUP_ID	PEOPLE_GROUP_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID
PER_ALL_POSITIONS	POSITION_ID	POSITION_ID
PER_ALL_VACANCIES	VACANCY_ID	VACANCY_ID
PER_APPLICATIONS	APPLICATION_ID	APPLICATION_ID
PER_ASSIGNMENT_STATUS_TYPES	ASSIGNMENT_STATUS_TYPE_ID	ASSIGNMENT_STATUS_TYPE_ID
PER_CAGR_GRADES_DEF	CAGR_GRADE_DEF_ID	CAGR_GRADE_DEF_ID
PER_COLLECTIVE_AGREEMENTS	COLLECTIVE_AGREEMENT_ID	COLLECTIVE_AGREEMENT_ID
PER_GRADES	GRADE_ID	GRADE_ID
PER_JOBS	JOB_ID	JOB_ID
PER_PAY_BASES	PAY_BASIS_ID	PAY_BASIS_ID
PER_RECRUITMENT_ACTIVITIES	RECRUITMENT_ACTIVITY_ID	RECRUITMENT_ACTIVITY_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ASSIGNMENT_TYPE	EMP_APL	FND_COMMON_LOOKUPS
	A	Applicant
	E	Employee
EMPLOYMENT_CATEGORY	EMP_CAT	FND_COMMON_LOOKUPS
	FR	Fulltime-Regular
	FT	Fulltime-Temporary
	PR	Parttime-Regular
FREQUENCY	PT	Parttime-Temporary
	FREQUENCY	FND_COMMON_LOOKUPS
	D	Day
	M	Month
	W	Week
MANAGER_FLAG	Y	Year
	YES_NO	FND_COMMON_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	N	No
	Y	Yes
PERF_REVIEW_PERIOD_FREQUENCY	QUALIFYING_UNITS	FND_COMMON_LOOKUPS
	D	Days
	H	Hours
	M	Months
	W	Weeks
	Y	Years
PRIMARY_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
PROBATION_UNIT	QUALIFYING_UNITS	FND_COMMON_LOOKUPS
	D	Days
	H	Hours
	M	Months
	W	Weeks
	Y	Years
SAL_REVIEW_PERIOD_FREQUENCY	QUALIFYING_UNITS	FND_COMMON_LOOKUPS
	D	Days
	H	Hours
	M	Months
	W	Weeks
	Y	Years
SOURCE_TYPE	REC_TYPE	FND_COMMON_LOOKUPS

Column Descriptions

Name	Null?	Type	Description
ASSIGNMENT_ID (PK)	NOT NULL	NUMBER(10)	System-generated primary key column.
EFFECTIVE_START_DATE (PK)	NOT NULL	DATE	Effective start date.
EFFECTIVE_END_DATE (PK)	NOT NULL	DATE	Effective end date.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
RECRUITER_ID	NULL	NUMBER(10)	Foreign key to PER_PEOPLE.
GRADE_ID	NULL	NUMBER(15)	Foreign key to PER_GRADES.
POSITION_ID	NULL	NUMBER(15)	Foreign key to PER_ALL_POSITIONS.
JOB_ID	NULL	NUMBER(15)	Foreign key to PER_JOBS.
ASSIGNMENT_STATUS_TYPE_ID	NOT NULL	NUMBER(9)	Foreign key to PER_ASSIGNMENT_STATUS_TYPES.
PAYROLL_ID	NULL	NUMBER(9)	Foreign key to PAY_PAYROLLS.
LOCATION_ID	NULL	NUMBER(15)	Foreign key to HR_LOCATIONS.
PERSON_REFERRED_BY_ID	NULL	NUMBER(10)	Foreign key to PER_PEOPLE.
SUPERVISOR_ID	NULL	NUMBER(10)	Foreign key to PER_PEOPLE.
SPECIAL_CEILING_STEP_ID	NULL	NUMBER(15)	Foreign key to PER_SPINAL_POINT_STEPS.
PERSON_ID	NOT NULL	NUMBER(10)	Foreign key to PER_PEOPLE.
RECRUITMENT_ACTIVITY_ID	NULL	NUMBER(15)	Foreign key to PER_RECRUITMENT_ACTIVITIES.
SOURCE_ORGANIZATION_ID	NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.

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Column Descriptions (Continued)

Name	Null?	Type	Description
PEOPLE_GROUP_ID	NULL	NUMBER(15)	Foreign key to PAY_PEOPLE_GROUPS.
SOFT_CODING_KEYFLEX_ID	NULL	NUMBER(15)	Foreign key to HR_SOFT_CODING_KEYFLEX.
VACANCY_ID	NULL	NUMBER(15)	Foreign key to PER_ALL_VACANCIES.
PAY_BASIS_ID	NULL	NUMBER(9)	Foreign key to PER_PAY_BASES.
ASSIGNMENT_SEQUENCE	NOT NULL	NUMBER(15)	Used when defaulting assignment number.
ASSIGNMENT_TYPE	NOT NULL	VARCHAR2(1)	Assignment type; (E)mployee or (A)pplicant.
PRIMARY_FLAG	NOT NULL	VARCHAR2(30)	Indicates primary employee assignment. Y/N.
APPLICATION_ID	NULL	NUMBER(15)	Foreign key to PER_APPLICATIONS.
ASSIGNMENT_NUMBER	NULL	VARCHAR2(30)	Employee assignment number.
CHANGE_REASON	NULL	VARCHAR2(30)	Reason the assignment last changed.
COMMENT_ID	NULL	NUMBER(15)	Foreign key reference to HR_COMMENTS.
DATE_PROBATION_END	NULL	DATE	End date of probation period.
DEFAULT_CODE_COMB_ID	NULL	NUMBER(15)	Foreign key to GL_CODE_COMBINATIONS.
EMPLOYMENT_CATEGORY	NULL	VARCHAR2(30)	User defined category. For example Full-Time Permanent or Part-Time Permanent.
FREQUENCY	NULL	VARCHAR2(30)	Frequency of normal working hours, - week, month, year.
INTERNAL_ADDRESS_LINE	NULL	VARCHAR2(80)	Internal address details such as floor or office number.
MANAGER_FLAG	NULL	VARCHAR2(30)	Indicates whether the employee in this assignment is designated a manager.
NORMAL_HOURS	NULL	NUMBER(22,3)	Normal working hours.
PERF_REVIEW_PERIOD	NULL	NUMBER(15)	Number of units of time between performance reviews.
PERF_REVIEW_PERIOD_FREQUENCY	NULL	VARCHAR2(30)	Frequency units. Used with PERF_REVIEW_PERIOD to define time between reviews.
PERIOD_OF_SERVICE_ID	NULL	NUMBER(15)	Foreign key to PER_PERIODS_OF_SERVICE.
PROBATION_PERIOD	NULL	NUMBER(22,2)	Duration of probation period.
PROBATION_UNIT	NULL	VARCHAR2(30)	Units of probation period duration.
SAL_REVIEW_PERIOD	NULL	NUMBER(15)	Length of time between salary reviews.
SAL_REVIEW_PERIOD_FREQUENCY	NULL	VARCHAR2(30)	Used with SAL REVIEW PERIOD to define time between salary reviews.
SET_OF_BOOKS_ID	NULL	NUMBER(15)	Foreign key to GL_SETS_OF_BOOKS.
SOURCE_TYPE	NULL	VARCHAR2(30)	Recruitment activity source for applicant assignment, for example, Advertisement).
TIME_NORMAL_FINISH	NULL	VARCHAR2(5)	Work day normal end time.
TIME_NORMAL_START	NULL	VARCHAR2(5)	Work day normal start time.
BARGAINING_UNIT_CODE	NULL	VARCHAR2(30)	Bargaining unit code
LABOUR_UNION_MEMBER_FLAG	NULL	VARCHAR2(30)	Labour union member flag
HOURLY_SALARIED_CODE	NULL	VARCHAR2(30)	Identifies if the assignment is paid by the hour or by a salary.

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Column Descriptions (Continued)

Name	Null?	Type	Description
CONTRACT_ID	NULL	NUMBER(9)	Foreign key to PER_CONTRACTS_F
COLLECTIVE_AGREEMENT_ID	NULL	NUMBER(9)	Foreign key to PER_COLLECTIVE_AGREEMENTS
CAGR_ID_FLEX_NUM	NULL	NUMBER(15)	Keyflex Structure Identifier for Collectively Agreed Grade
CAGR_GRADE_DEF_ID	NULL	NUMBER(15)	Foreign key to PER_CAGR_GRADES_DEF
ESTABLISHMENT_ID	NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS
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.
ASS_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield column.
ASS_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE21	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE22	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE23	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE24	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE25	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE26	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE27	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE28	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE29	NULL	VARCHAR2(150)	Descriptive flexfield column.
ASS_ATTRIBUTE30	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
TITLE	NULL	VARCHAR2(30)	Title for assignment.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	System-generated version of row. Increments by one with each update.

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## Indexes

Index Name	Index Type	Sequence	Column Name
PER_ASSIGNMENTS_F_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_ASSIGNMENTS_F_FK13	NOT UNIQUE	1	RECRUITMENT_ACTIVITY_ID
PER_ASSIGNMENTS_F_FK14	NOT UNIQUE	1	SOURCE_ORGANIZATION_ID
PER_ASSIGNMENTS_F_FK15	NOT UNIQUE	1	ORGANIZATION_ID
PER_ASSIGNMENTS_F_FK16	NOT UNIQUE	1	PEOPLE_GROUP_ID
PER_ASSIGNMENTS_F_FK17	NOT UNIQUE	1	SOFT_CODING_KEYFLEX_ID
PER_ASSIGNMENTS_F_FK18	NOT UNIQUE	1	VACANCY_ID
PER_ASSIGNMENTS_F_FK19	NOT UNIQUE	1	PAY_BASIS_ID
PER_ASSIGNMENTS_F_FK20	NOT UNIQUE	1	ESTABLISHMENT_ID
PER_ASSIGNMENTS_F_FK21	NOT UNIQUE	1	COLLECTIVE_AGREEMENT_ID
PER_ASSIGNMENTS_F_FK3	NOT UNIQUE	1	GRADE_ID
PER_ASSIGNMENTS_F_FK4	NOT UNIQUE	1	POSITION_ID
PER_ASSIGNMENTS_F_FK5	NOT UNIQUE	1	JOB_ID
PER_ASSIGNMENTS_F_FK6	NOT UNIQUE	1	ASSIGNMENT_STATUS_TYPE_ID
PER_ASSIGNMENTS_F_FK8	NOT UNIQUE	1	LOCATION_ID
PER_ASSIGNMENTS_F_N10	NOT UNIQUE	1	SUPERVISOR_ID
PER_ASSIGNMENTS_F_N11	NOT UNIQUE	1	SPECIAL_CEILING_STEP_ID
PER_ASSIGNMENTS_F_N12	NOT UNIQUE	1	PERSON_ID
PER_ASSIGNMENTS_F_N2	NOT UNIQUE	1	RECRUITER_ID
PER_ASSIGNMENTS_F_N50	NOT UNIQUE	1	ASSIGNMENT_NUMBER
PER_ASSIGNMENTS_F_N7	NOT UNIQUE	1	PAYROLL_ID
PER_ASSIGNMENTS_F_N9	NOT UNIQUE	1	PERSON_REFERRED_BY_ID
PER_ASSIGNMENTS_F_PK	UNIQUE	1	ASSIGNMENT_ID
		2	EFFECTIVE_START_DATE
		3	EFFECTIVE_END_DATE
PER_ASSIGNMENTS_N4	NOT UNIQUE	1	PERIOD_OF_SERVICE_ID
PER_ASSIGNMENTS_N5	NOT UNIQUE	1	APPLICATION_ID

## Sequences

Sequence	Derived Column
PER_ASSIGNMENTS_S	ASSIGNMENT_ID

## Database Triggers

Trigger Name : PER\_ALL\_ASSIGNMENTS\_F\_OVN  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE

This trigger maintains the object\_version\_number column when a record is modified via an interface which does not support the object\_version\_number explicitly. This ensures the object\_version\_number is maintained consistently.

## PER\_ALL\_PEOPLE\_F

PER\_ALL\_PEOPLE\_F is the DateTracked table that holds personal information for employees, applicants, ex-employees, ex-applicants, contacts and other people. The columns START\_DATE, EFFECTIVE\_START\_DATE and EFFECTIVE\_END\_DATE are all maintained by DateTrack. The START\_DATE is the date when the first record for this person was created. The earliest EFFECTIVE\_START\_DATE for a person is equal to the START\_DATE. NOTE: Users must not enter information into the Developer Descriptive Flexfield columns. These are reserved for the use of localization and verticalization teams, for entry and maintenance of legislative or industry-specific data.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID
PER_PERSON_TYPES	PERSON_TYPE_ID	PERSON_TYPE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKGROUND_CHECK_STATUS	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
BLOOD_TYPE	BLOOD_TYPE	FND_COMMON_LOOKUPS
EXPENSE_CHECK_SEND_TO_ADDRESS	HOME_OFFICE	FND_COMMON_LOOKUPS
	H	Home
	O	Office
FAST_PATH_EMPLOYEE	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
MARITAL_STATUS	MAR_STATUS	FND_COMMON_LOOKUPS
	M	Married
	S	Single
NATIONALITY	NATIONALITY	FND_COMMON_LOOKUPS
ON_MILITARY_SERVICE	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
REHIRE_RECOMMENDATION	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
RESUME_EXISTS	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
SECOND_PASSPORT_EXISTS	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
SEX	SEX	FND_COMMON_LOOKUPS
	F	Female

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	M	Male
STUDENT_STATUS	STUDENT_STATUS	FND_COMMON_LOOKUPS
TITLE	TITLE	FND_COMMON_LOOKUPS
	DR.	Doctor
	MISS	Miss
	MR.	Mr.
	MRS.	Mrs.
	MS.	Ms.
WORK_SCHEDULE	WORK_SCHEDULE	FND_COMMON_LOOKUPS

Column Descriptions

Name	Null?	Type	Description
PERSON_ID (PK)	NOT NULL	NUMBER(10)	System generated person primary key from PER_PEOPLE_S.
EFFECTIVE_START_DATE (PK)	NOT NULL	DATE	Effective start date.
EFFECTIVE_END_DATE (PK)	NOT NULL	DATE	Effective end date.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
PERSON_TYPE_ID	NOT NULL	NUMBER(15)	Foreign key to PER_PERSON_TYPES.
LAST_NAME	NOT NULL	VARCHAR2(40)	Last name of the person, (surname, family name).
START_DATE	NOT NULL	DATE	Start date for the person (not the DateTrack attribute).
APPLICANT_NUMBER	NULL	VARCHAR2(30)	Number assigned to person if ever classed as an applicant.
BACKGROUND_CHECK_STATUS	NULL	VARCHAR2(30)	Background check status.
BACKGROUND_DATE_CHECK	NULL	DATE	Background date check.
BLOOD_TYPE	NULL	VARCHAR2(30)	Blood group.
COMMENT_ID	NULL	NUMBER(15)	Foreign key reference to remark.
CORRESPONDENCE_LANGUAGE	NULL	VARCHAR2(30)	Correspondence Language validated against FND_LANGUAGES.
CURRENT_APPLICANT_FLAG	NULL	VARCHAR2(30)	Yes or null.
CURRENT_EMP_OR_APL_FLAG	NULL	VARCHAR2(30)	Yes or null.
CURRENT_EMPLOYEE_FLAG	NULL	VARCHAR2(30)	Yes or null.
DATE_EMPLOYEE_DATA_VERIFIED	NULL	DATE	Date when the employee last verified the data.
DATE_OF_BIRTH	NULL	DATE	Date of birth.
EMAIL_ADDRESS	NULL	VARCHAR2(240)	Holds actual email identifier.
EMPLOYEE_NUMBER	NULL	VARCHAR2(30)	Number assigned to a person if they have been an employee.
EXPENSE_CHECK_SEND_TO_ADDRESS	NULL	VARCHAR2(30)	Mailing address.
FAST_PATH_EMPLOYEE	NULL	VARCHAR2(30)	Currently unsupported.
FIRST_NAME	NULL	VARCHAR2(20)	First name of person.
FTE_CAPACITY	NULL	NUMBER(5,2)	Full-time employment capacity.
FULL_NAME	NULL	VARCHAR2(240)	Concatenation of last name, title, first name, middle names and the name the person is known by.
HOLD_APPLICANT_DATE_UNTIL	NULL	DATE	Hold applicant until.
HONORS	NULL	VARCHAR2(30)	Honors.
INTERNAL_LOCATION	NULL	VARCHAR2(30)	Internal location.
KNOWN_AS	NULL	VARCHAR2(80)	Preferred name, if different from first name.

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_MEDICAL_TEST_BY	NULL	VARCHAR2(60)	Last medical test by.
LAST_MEDICAL_TEST_DATE	NULL	DATE	Last medical test date.
MAILSTOP	NULL	VARCHAR2(30)	Internal mail location.
MARITAL_STATUS	NULL	VARCHAR2(30)	Marital status.
MIDDLE_NAMES	NULL	VARCHAR2(60)	Middle names.
NATIONALITY	NULL	VARCHAR2(30)	Nationality.
NATIONAL_IDENTIFIER	NULL	VARCHAR2(30)	Number by which a person is identified in a given legislation.
OFFICE_NUMBER	NULL	VARCHAR2(30)	Office number.
ON_MILITARY_SERVICE	NULL	VARCHAR2(30)	On military service.
ORDER_NAME	NULL	VARCHAR2(240)	Concatenated name used for ordering on select.
PRE_NAME_ADJUNCT	NULL	VARCHAR2(30)	Name prefix.
PREVIOUS_LAST_NAME	NULL	VARCHAR2(40)	Previous last name of person (if applicable).
PROJECTED_START_DATE	NULL	DATE	Currently unsupported.
REHIRE_AUTHORIZOR	NULL	VARCHAR2(30)	Currently unsupported.
REHIRE_REASON	NULL	VARCHAR2(60)	Reason for re-hiring.
REHIRE_RECOMMENDATION	NULL	VARCHAR2(30)	Re-hire recommendation.
RESUME_EXISTS	NULL	VARCHAR2(30)	Resume exists.
RESUME_LAST_UPDATED	NULL	DATE	Date resume last updated.
REGISTERED_DISABLED_FLAG	NULL	VARCHAR2(30)	Flag indicating whether person is classified as disabled.
SECOND_PASSPORT_EXISTS	NULL	VARCHAR2(30)	Second passport available flag.
SEX	NULL	VARCHAR2(30)	Legal gender.
STUDENT_STATUS	NULL	VARCHAR2(30)	Student status.
SUFFIX	NULL	VARCHAR2(30)	Suffix after the surname e.g. Sr., Jr., III
TITLE	NULL	VARCHAR2(30)	Title e.g. Mr, Mrs, Dr.
VENDOR_ID	NULL	NUMBER(15)	Not used.
WORK_SCHEDULE	NULL	VARCHAR2(30)	Work schedule.
WORK_TELEPHONE	NULL	VARCHAR2(60)	Unsupported.
COORD_BEN_MED_PLN_NO	NULL	VARCHAR2(30)	Coordination of benefits medical group plan number.
COORD_BEN_NO_CVG_FLAG	NULL	VARCHAR2(30)	Coordination of benefits no other coverage flag
DPDNT_ADOPTION_DATE	NULL	DATE	Dependent adoption date
DPDNT_VLNTRY_SVCE_FLAG	NULL	VARCHAR2(30)	Dependent voluntary service flag
RECEIPT_OF_DEATH_CERT_DATE	NULL	DATE	Receipt of death certificate date
USES_TOBACCO_FLAG	NULL	VARCHAR2(30)	Uses tobacco flag
BENEFIT_GROUP_ID	NULL	NUMBER(15)	Foreign key to benefits group table.
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 column.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.

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ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE21	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE22	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE23	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE24	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE25	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE26	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE27	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE28	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE29	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE30	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
PER_INFORMATION_CATEGORY	NULL	VARCHAR2(30)	Developer descriptive flexfield column.
PER_INFORMATION1	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION2	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION3	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION4	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION5	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION6	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION7	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION8	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION9	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION10	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION11	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION12	NULL	VARCHAR2(150)	Developer descriptive flexfield column.

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PER_INFORMATION13	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
PER_INFORMATION14	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION15	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION16	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION17	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION18	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION19	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION20	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PER_INFORMATION21	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION22	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION23	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION24	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION25	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION26	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION27	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION28	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION29	NULL	VARCHAR2(150)	Developer descriptive flexfield.
PER_INFORMATION30	NULL	VARCHAR2(150)	Developer descriptive flexfield.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	System-generated version of row. Increments by one with each update.
DATE_OF_DEATH	NULL	DATE	Date of death.
ORIGINAL_DATE_OF_HIRE	NULL	DATE	Original date of hire.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PER_PEOPLE_F_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_PEOPLE_F_FK2	NOT UNIQUE	1	PERSON_TYPE_ID
PER_PEOPLE_F_N50	NOT UNIQUE	1	LAST_NAME
PER_PEOPLE_F_N51	NOT UNIQUE	1	EMPLOYEE_NUMBER
PER_PEOPLE_F_N52	NOT UNIQUE	1	APPLICANT_NUMBER
PER_PEOPLE_F_N53	NOT UNIQUE	1	NATIONAL_IDENTIFIER
PER_PEOPLE_F_N54	NOT UNIQUE	1	FULL_NAME
PER_PEOPLE_F_PK	UNIQUE	1	PERSON_ID
		2	EFFECTIVE_START_DATE
		3	EFFECTIVE_END_DATE

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### Sequences

Sequence	Derived Column
PER_PEOPLE_S	PERSON_ID

### Database Triggers

Trigger Name : SSP\_PER\_T1  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

((new.date\_of\_death is not null and old.date\_of\_death != Recalculate SSP/SMP if the person dies or their date of birth is changed. new.date\_of\_death) or (new.date\_of\_birth is not null and old.date\_of\_birth != new.date\_of\_birth))

Trigger Name : PER\_ALL\_PEOPLE\_F\_OVN  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE

This trigger maintains the object\_version\_number column when a record is modified via an interface which does not support the object\_version\_number explicitly. This ensures the object\_version\_number is maintained consistently.

## PER\_ASSIGNMENTS\_F

PER\_ASSIGNMENTS\_F is a view based on the table PER\_ALL\_ASSIGNMENTS\_F. It lists all of the assignments visible within the current security profile.

### *View Definition*

```
CREATE VIEW PER_ASSIGNMENTS_F
as SELECT
    ASSIGNMENT_ID
,   EFFECTIVE_START_DATE
,   EFFECTIVE_END_DATE
,   BUSINESS_GROUP_ID
,   RECRUITER_ID
,   GRADE_ID
,   POSITION_ID
,   JOB_ID
,   ASSIGNMENT_STATUS_TYPE_ID
,   PAYROLL_ID
,   LOCATION_ID
,   PERSON_REFERRED_BY_ID
,   SUPERVISOR_ID
,   SPECIAL_CEILING_STEP_ID
,   PERSON_ID
,   RECRUITMENT_ACTIVITY_ID
,   SOURCE_ORGANIZATION_ID
,   ORGANIZATION_ID
,   PEOPLE_GROUP_ID
,   SOFT_CODING_KEYFLEX_ID
,   VACANCY_ID
,   PAY_BASIS_ID
,   ASSIGNMENT_SEQUENCE
,   ASSIGNMENT_TYPE
,   PRIMARY_FLAG
,   APPLICATION_ID
,   ASSIGNMENT_NUMBER
,   CHANGE_REASON
,   COMMENT_ID
,   DATE_PROBATION_END
,   DEFAULT_CODE_COMB_ID
,   EMPLOYMENT_CATEGORY
,   FREQUENCY
,   INTERNAL_ADDRESS_LINE
,   MANAGER_FLAG
,   NORMAL_HOURS
,   PERF_REVIEW_PERIOD
,   PERF_REVIEW_PERIOD_FREQUENCY
,   PERIOD_OF_SERVICE_ID
,   PROBATION_PERIOD
,   PROBATION_UNIT
,   SAL_REVIEW_PERIOD
,   SAL_REVIEW_PERIOD_FREQUENCY
,   SET_OF_BOOKS_ID
,   SOURCE_TYPE
,   TIME_NORMAL_FINISH
```

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```

, TIME_NORMAL_START
, BARGAINING_UNIT_CODE
, LABOUR_UNION_MEMBER_FLAG
, HOURLY_SALARIED_CODE
, REQUEST_ID
, PROGRAM_APPLICATION_ID
, PROGRAM_ID
, PROGRAM_UPDATE_DATE
, ASS_ATTRIBUTE_CATEGORY
, ASS_ATTRIBUTE1
, ASS_ATTRIBUTE2
, ASS_ATTRIBUTE3
, ASS_ATTRIBUTE4
, ASS_ATTRIBUTE5
, ASS_ATTRIBUTE6
, ASS_ATTRIBUTE7
, ASS_ATTRIBUTE8
, ASS_ATTRIBUTE9
, ASS_ATTRIBUTE10
, ASS_ATTRIBUTE11
, ASS_ATTRIBUTE12
, ASS_ATTRIBUTE13
, ASS_ATTRIBUTE14
, ASS_ATTRIBUTE15
, ASS_ATTRIBUTE16
, ASS_ATTRIBUTE17
, ASS_ATTRIBUTE18
, ASS_ATTRIBUTE19
, ASS_ATTRIBUTE20
, ASS_ATTRIBUTE21
, ASS_ATTRIBUTE22
, ASS_ATTRIBUTE23
, ASS_ATTRIBUTE24
, ASS_ATTRIBUTE25
, ASS_ATTRIBUTE26
, ASS_ATTRIBUTE27
, ASS_ATTRIBUTE28
, ASS_ATTRIBUTE29
, ASS_ATTRIBUTE30
, LAST_UPDATE_DATE
, LAST_UPDATED_BY
, LAST_UPDATE_LOGIN
, CREATED_BY
, CREATION_DATE
, TITLE
, OBJECT_VERSION_NUMBER
, CONTRACT_ID
, CAGR_ID_FLEX_NUM
, CAGR_GRADE_DEF_ID
, ESTABLISHMENT_ID
, COLLECTIVE_AGREEMENT_ID

```

```

WHERE
  DECODE(HR_SECURITY.VIEW_ALL , 'Y' , 'TRUE' ,

```

```

HR_SECURITY.SHOW_RECORD( 'PER_ALL_ASSIGNMENTS_F',
                        PAA.ASSIGNMENT_ID,
                        PAA.PERSON_ID,
                        PAA.ASSIGNMENT_TYPE ) = 'TRUE'

```

#### Column Descriptions

Name	Null?	Type	Description
ASSIGNMENT_ID	NOT NULL	NUMBER(10)	Refer to base table.
EFFECTIVE_START_DATE	NOT NULL	DATE	Refer to base table.
EFFECTIVE_END_DATE	NOT NULL	DATE	Refer to base table.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to base table.
RECRUITER_ID	NULL	NUMBER(10)	Refer to base table.
GRADE_ID	NULL	NUMBER(15)	Refer to base table.
POSITION_ID	NULL	NUMBER(15)	Refer to base table.
JOB_ID	NULL	NUMBER(15)	Refer to base table.
ASSIGNMENT_STATUS_TYPE_ID	NOT NULL	NUMBER(9)	Refer to base table.
PAYROLL_ID	NULL	NUMBER(9)	Refer to base table.
LOCATION_ID	NULL	NUMBER(15)	Refer to base table.
PERSON_REFERRED_BY_ID	NULL	NUMBER(10)	Refer to base table.
SUPERVISOR_ID	NULL	NUMBER(10)	Refer to base table.
SPECIAL_CEILING_STEP_ID	NULL	NUMBER(15)	Refer to base table.
PERSON_ID	NOT NULL	NUMBER(9)	Refer to base table.
RECRUITMENT_ACTIVITY_ID	NULL	NUMBER(15)	Refer to base table.
SOURCE_ORGANIZATION_ID	NULL	NUMBER(15)	Refer to base table.
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.
PEOPLE_GROUP_ID	NULL	NUMBER(15)	Refer to base table.
SOFT_CODING_KEYFLEX_ID	NULL	NUMBER(15)	Refer to base table.
VACANCY_ID	NULL	NUMBER(15)	Refer to base table.
PAY_BASIS_ID	NULL	NUMBER(9)	Refer to base table.
ASSIGNMENT_SEQUENCE	NOT NULL	NUMBER(15)	Refer to base table.
ASSIGNMENT_TYPE	NOT NULL	VARCHAR2(1)	Refer to base table.
PRIMARY_FLAG	NOT NULL	VARCHAR2(30)	Refer to base table.
APPLICATION_ID	NULL	NUMBER(15)	Refer to base table.
ASSIGNMENT_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
CHANGE_REASON	NULL	VARCHAR2(30)	Refer to base table.
COMMENT_ID	NULL	NUMBER(15)	Refer to base table.
DATE_PROBATION_END	NULL	DATE	Refer to base table.
DEFAULT_CODE_COMB_ID	NULL	NUMBER(15)	Refer to base table.
EMPLOYMENT_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
FREQUENCY	NULL	VARCHAR2(30)	Refer to base table.
INTERNAL_ADDRESS_LINE	NULL	VARCHAR2(80)	Refer to base table.
MANAGER_FLAG	NULL	VARCHAR2(30)	Refer to base table.
NORMAL_HOURS	NULL	NUMBER(22,3)	Refer to base table.
PERF_REVIEW_PERIOD	NULL	NUMBER(15)	Refer to base table.
PERF_REVIEW_PERIOD_FREQUENCY	NULL	VARCHAR2(30)	Refer to base table.
PERIOD_OF_SERVICE_ID	NULL	NUMBER(15)	Refer to base table.
PROBATION_PERIOD	NULL	NUMBER(22,2)	Refer to base table.
PROBATION_UNIT	NULL	VARCHAR2(30)	Refer to base table.
SAL_REVIEW_PERIOD	NULL	NUMBER(15)	Refer to base table.
SAL_REVIEW_PERIOD_FREQUENCY	NULL	VARCHAR2(30)	Refer to base table.
SET_OF_BOOKS_ID	NULL	NUMBER(15)	Refer to base table.
SOURCE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
TIME_NORMAL_FINISH	NULL	VARCHAR2(5)	Refer to base table.
TIME_NORMAL_START	NULL	VARCHAR2(5)	Refer to base table.
BARGAINING_UNIT_CODE	NULL	VARCHAR2(30)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
LABOUR_UNION_MEMBER_FLAG	NULL	VARCHAR2(30)	Refer to base table.
HOURLY_SALARIED_CODE	NULL	VARCHAR2(30)	Refer to base table.
REQUEST_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_UPDATE_DATE	NULL	DATE	Refer to base table.
ASS_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
ASS_ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE6	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE7	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE8	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE9	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE10	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE11	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE12	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE13	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE14	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE15	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE16	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE17	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE18	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE19	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE20	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE21	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE22	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE23	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE24	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE25	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE26	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE27	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE28	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE29	NULL	VARCHAR2(150)	Refer to base table.
ASS_ATTRIBUTE30	NULL	VARCHAR2(150)	Refer to base table.
LAST_UPDATE_DATE	NULL	DATE	Refer to base table.
LAST_UPDATED_BY	NULL	NUMBER(15)	Refer to base table.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Refer to base table.
CREATED_BY	NULL	NUMBER(15)	Refer to base table.
CREATION_DATE	NULL	DATE	Refer to base table.
TITLE	NULL	VARCHAR2(30)	Refer to base table.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	Refer to base table.
CONTRACT_ID	NULL	NUMBER	Refer to base table.
CAGR_ID_FLEX_NUM	NULL	NUMBER	Refer to base table.
CAGR_GRADE_DEF_ID	NULL	NUMBER	Refer to base table.
ESTABLISHMENT_ID	NULL	NUMBER	Refer to base table.
COLLECTIVE_AGREEMENT_ID	NULL	NUMBER	Refer to base table.

PER\_ASSIGNMENT\_STATUS\_TYPES

PER\_ASSIGNMENT\_STATUS\_TYPES holds the definitions of statuses that identify the status of an employee or applicant in a specific assignment. USER\_STATUS is the user-defined value that is displayed online. PER\_SYSTEM\_STATUS and PAY\_SYSTEM\_STATUS are the internal values used by the system to control hire and termination processing and payroll processing. Statuses can be P(rietary), or S(econdary). Primary statuses are part of the assignment record for an employee, while secondary statuses are for information only. You can define any number of user statuses for each PER\_SYSTEM\_STATUS, but only one may be designated as the default for each system type. Valid PER\_SYSTEM\_STATUS types for employees are ACTIVE\_ASSIGN, SUSP\_ASSIGN or TERM\_ASSIGN. Valid PER\_SYSTEM\_STATUS types for applicants are ACTIVE\_APL, OFFER or ACCEPTED.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
DEFAULT_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
PAY_SYSTEM_STATUS	PAY_ASS_SYS_STATUS	FND_COMMON_LOOKUPS
	D	Do not process
	P	Process
PER_SYSTEM_STATUS	PER_ASS_SYS_STATUS	FND_COMMON_LOOKUPS
	ACCEPTED	Accepted
	ACTIVE_APL	Active Application
	ACTIVE_ASSIGN	Active Assignment
	END	End
	OFFER	Offer
	SUSP_ASSIGN	Suspend Assignment
	TERM_APL	Terminate Application
PRIMARY_FLAG	TERM_ASSIGN	Terminate Assignment
	PRIM_OR_SEC	FND_COMMON_LOOKUPS
	P	Primary
	S	Secondary

Column Descriptions

Name	Null?	Type	Description
ASSIGNMENT_STATUS_TYPE_ID (PK)	NOT NULL	NUMBER(9)	System-generated primary key column.
BUSINESS_GROUP_ID	NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
LEGISLATION_CODE	NULL	VARCHAR2(30)	The legislation to which the status type applies.

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ACTIVE_FLAG	NOT NULL	VARCHAR2(30)	Indicates whether the status is currently available for use.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
DEFAULT_FLAG	NOT NULL	VARCHAR2(30)	Indicates whether this is the default user status for the PER_SYSTEM_STATUS.
PRIMARY_FLAG	NOT NULL	VARCHAR2(30)	Indicates whether an assignment with this status is processed by Oracle HR.
USER_STATUS	NOT NULL	VARCHAR2(30)	User-defined status name.
PAY_SYSTEM_STATUS	NULL	VARCHAR2(1)	Payroll status indicating whether the assignment is processed in payroll runs.
PER_SYSTEM_STATUS	NULL	VARCHAR2(30)	HR status used extensively within the system to determine how the assignment is processed.
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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PER_ASSIGNMENT_STATUS_TYPE_PK	UNIQUE	1	ASSIGNMENT_STATUS_TYPE_ID
PER_ASSIGNMENT_STATUS_TYPE_UK2	UNIQUE	1	USER_STATUS
		2	BUSINESS_GROUP_ID
		3	LEGISLATION_CODE

*Sequences*

Sequence	Derived Column
PER_ASSIGNMENT_STATUS_TYPES_S	ASSIGNMENT_STATUS_TYPE_ID

## PER\_BUSINESS\_GROUPS

View based on HR\_ORGANIZATION\_UNITS and HR\_ORGANIZATION\_INFORMATION that returns specific information defined as attributes for a Business Group.

### *View Definition*

```
CREATE VIEW PER_BUSINESS_GROUPS
  as SELECT
    O.ORGANIZATION_ID
  , O.ORGANIZATION_ID
  , OTL.NAME
  , O.DATE_FROM
  , O.DATE_TO
  , O.INTERNAL_ADDRESS_LINE
  , O.LOCATION_ID
  , O.COMMENTS
  , O2.ORG_INFORMATION1
  , O2.ORG_INFORMATION2
  , O2.ORG_INFORMATION3
  , O2.ORG_INFORMATION4
  , O3.ORG_INFORMATION1
  , O3.ORG_INFORMATION2
  , O3.ORG_INFORMATION3
  , O3.ORG_INFORMATION4
  , O3.ORG_INFORMATION5
  , O3.ORG_INFORMATION6
  , O3.ORG_INFORMATION7
  , O3.ORG_INFORMATION8
  , O3.ORG_INFORMATION9
  , O3.ORG_INFORMATION10
  , O3.ORG_INFORMATION14
  , O4.ORG_INFORMATION2

  FROM   HR_ALL_ORGANIZATION_UNITS O ,
         HR_ALL_ORGANIZATION_UNITS_TL OTL ,
         HR_ORGANIZATION_INFORMATION O2 ,
         HR_ORGANIZATION_INFORMATION O3 ,
         HR_ORGANIZATION_INFORMATION O4
 WHERE  O.ORGANIZATION_ID = OTL.ORGANIZATION_ID
 AND    O.ORGANIZATION_ID = O2.ORGANIZATION_ID (+)
 AND    O.ORGANIZATION_ID = O3.ORGANIZATION_ID
 AND    O.ORGANIZATION_ID = O4.ORGANIZATION_ID
 AND    O3.ORG_INFORMATION_CONTEXT || ' ' = 'Business Group Information'
 AND    O2.ORG_INFORMATION_CONTEXT (+) || ' ' = 'Work Day Information'
 AND    O4.ORG_INFORMATION_CONTEXT || ' ' = 'CLASS'
 AND    O4.ORG_INFORMATION1 = 'HR_BG'
 AND    O4.ORG_INFORMATION2 = 'Y'
 AND    OTL.LANGUAGE = userenv('LANG')
```

# Column Descriptions

Name	Null?	Type	Description
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to base table.
ORGANIZATION_ID	NULL	VARCHAR2(1)	Refer to base table.
NAME	NOT NULL	VARCHAR2(60)	Refer to base table.
DATE_FROM	NOT NULL	DATE	Refer to base table.
DATE_TO	NULL	DATE	Refer to base table.
INTERNAL_ADDRESS_LINE	NULL	VARCHAR2(80)	Refer to base table.
LOCATION_ID	NULL	NUMBER(15)	Refer to base table.
COMMENTS	NULL	LONG	Refer to base table.
DEFAULT_START_TIME	NULL	VARCHAR2(150)	Refer to base table.
DEFAULT_END_TIME	NULL	VARCHAR2(150)	Refer to base table.
WORKING_HOURS	NULL	VARCHAR2(150)	Refer to base table.
FREQUENCY	NULL	VARCHAR2(150)	Refer to base table.
SHORT_NAME	NULL	VARCHAR2(150)	Refer to base table.
METHOD_OF_GENERATION_EMP_NUM	NULL	VARCHAR2(150)	Refer to base table.
METHOD_OF_GENERATION_APL_NUM	NULL	VARCHAR2(150)	Refer to base table.
GRADE_STRUCTURE	NULL	VARCHAR2(150)	Refer to base table.
PEOPLE_GROUP_STRUCTURE	NULL	VARCHAR2(150)	Refer to base table.
JOB_STRUCTURE	NULL	VARCHAR2(150)	Refer to base table.
COST_ALLOCATION_STRUCTURE	NULL	VARCHAR2(150)	Refer to base table.
POSITION_STRUCTURE	NULL	VARCHAR2(150)	Refer to base table.
LEGISLATION_CODE	NULL	VARCHAR2(150)	Refer to base table.
CURRENCY_CODE	NULL	VARCHAR2(150)	Refer to base table.
SECURITY_GROUP_ID	NULL	NUMBER(15)	Refer to base table.
ENABLED_FLAG	NULL	VARCHAR2(150)	Refer to base table.

## PER\_JOBS

PER\_JOBS holds jobs that have been defined for a Business Group. The NAME is a concatenation of key flexfield segments, held in PER\_JOB\_DEFINITIONS. Jobs define the role that an employee can perform in the business group, and they are independent of specific organizations.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID
PER_JOB_DEFINITIONS	JOB_DEFINITION_ID	JOB_DEFINITION_ID

### Column Descriptions

Name	Null?	Type	Description
JOB_ID (PK)	NOT NULL	NUMBER(15)	System-generated primary key column.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
JOB_DEFINITION_ID	NOT NULL	NUMBER(15)	Foreign key to PER_JOB_DEFINITIONS.
DATE_FROM	NOT NULL	DATE	Date from which an employee or applicant may be assigned to this job.
COMMENTS	NULL	LONG	General remark.
DATE_TO	NULL	DATE	Date after which employees and applicants may no longer be assigned to this job.
NAME	NULL	VARCHAR2(240)	Job name, concatenated from the keyflex structure.
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 column.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
JOB_INFORMATION_CATEGORY	NULL	VARCHAR2(30)	Developer descriptive flexfield column.
JOB_INFORMATION1	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION2	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION3	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION4	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION5	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION6	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION7	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION8	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION9	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION10	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION11	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION12	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION13	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION14	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION15	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	System-generated version of row. Increments by one with each update.
JOB_INFORMATION16	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION17	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION18	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION19	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
JOB_INFORMATION20	NULL	VARCHAR2(150)	Developer descriptive flexfield column.

Indexes

Index Name	Index Type	Sequence	Column Name
PER_JOBS_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_JOBS_FK2	NOT UNIQUE	1	JOB_DEFINITION_ID
PER_JOBS_PK	UNIQUE	1	JOB_ID
PER_JOBS_UK2	UNIQUE	1	NAME
		2	BUSINESS_GROUP_ID

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### *Sequences*

Sequence	Derived Column
PER_JOBS_S	JOB_ID

### *Database Triggers*

Trigger Name : PER\_JOBS\_OVN  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE

This trigger maintains the object\_version\_number column when a record is modified via an interface which does not support the object\_version\_number explicitly. This ensures the object\_version\_number is maintained consistently.

## PER\_JOB\_DEFINITIONS

PER\_JOB\_DEFINITIONS is a key flexfield combinations table. It holds the segment combinations for jobs that are stored in PER\_JOBS. Oracle Applications do not support code combinations IDs that exceed 2,000,000,000.

### Column Descriptions

Name	Null?	Type	Description
JOB_DEFINITION_ID (PK)	NOT NULL	NUMBER(15)	System-generated primary key column.
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.
ID_FLEX_NUM	NOT NULL	NUMBER(15)	Key flexfield structure foreign key.
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield enabled flag.
START_DATE_ACTIVE	NULL	DATE	Date before which key flexfield combination is invalid.
END_DATE_ACTIVE	NULL	DATE	Date after which key flexfield combination is invalid.
SEGMENT1	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT2	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT3	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT4	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT5	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT6	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT7	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT8	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT9	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT10	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT11	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT12	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT13	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT14	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT15	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT16	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT17	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT18	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT19	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT20	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT21	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT22	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT23	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT24	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT25	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT26	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT27	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT28	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT29	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT30	NULL	VARCHAR2(60)	Key flexfield segment column.
LAST_UPDATE_DATE	NULL	DATE	Standard Who column.

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LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PER_JOB_DEFINITIONS_PK	UNIQUE	1	JOB_DEFINITION_ID

*Sequences*

Sequence	Derived Column
PER_JOB_DEFINITIONS_S	JOB_DEFINITION_ID



## PER\_ORGANIZATION\_STRUCTURES

PER\_ORGANIZATION\_STRUCTURES holds information about organization hierarchies defined for each Business Group. You can have any number of hierarchies in one Business Group, but only one hierarchy can have the PRIMARY\_STRUCTURE\_FLAG set to Y.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PRIMARY_STRUCTURE_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_STRUCTURE_ID (PK)	NOT NULL	NUMBER(15)	System generated organization structure primary key from PER_ORGANIZATION_STRUCTURES_S.
BUSINESS_GROUP_ID	NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
NAME	NOT NULL	VARCHAR2(30)	Name of organization hierarchy.
COMMENTS	NULL	LONG	General remark.
PRIMARY_STRUCTURE_FLAG	NULL	VARCHAR2(30)	Identifies the primary organization hierarchy for a business group, (Y/N).
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 column.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.

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ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
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#### Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

#### Indexes

Index Name	Index Type	Sequence	Column Name
PER_ORGANIZATION_STRUCTURE_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_ORGANIZATION_STRUCTURE_PK	UNIQUE	1	ORGANIZATION_STRUCTURE_ID
PER_ORGANIZATION_STRUCTURE_UK2	UNIQUE	1	NAME
		2	BUSINESS_GROUP_ID

#### Sequences

Sequence	Derived Column
PER_ORGANIZATION_STRUCTURES_S	ORGANIZATION_STRUCTURE_ID

# PER\_ORGANIZATION\_UNITS

PER\_ORGANIZATION\_UNITS are Organizations filtered based on work day information.

View Definition

```
CREATE VIEW PER_ORGANIZATION_UNITS
as SELECT
    O.ORGANIZATION_ID
, O.BUSINESS_GROUP_ID
, O.NAME
, O.DATE_FROM
, O.DATE_TO
, O.INTERNAL_ADDRESS_LINE
, O.COMMENTS
, O2.ORG_INFORMATION1
, O2.ORG_INFORMATION2
, O2.ORG_INFORMATION3
, O2.ORG_INFORMATION4
, O.INTERNAL_EXTERNAL_FLAG
, O.TYPE
, O.LOCATION_ID
, O.COST_ALLOCATION_KEYFLEX_ID
, O.SOFT_CODING_KEYFLEX_ID

FROM HR_ORGANIZATION_UNITS O ,
HR_ORGANIZATION_INFORMATION O2 ,
HR_ORGANIZATION_INFORMATION O3
WHERE O.ORGANIZATION_ID =
O2.ORGANIZATION_ID (+) AND O.ORGANIZATION_ID = O3.ORGANIZATION_ID
AND O2.ORG_INFORMATION_CONTEXT (+) || ' ' = 'Work Day Information'
AND O3.ORG_INFORMATION_CONTEXT || ' ' = 'CLASS' AND
O3.ORG_INFORMATION1 = 'HR_ORG' AND O3.ORG_INFORMATION2 = 'Y'
```

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER(15)	System-generated primary key column.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign-key to HR_ORGANIZATION_UNITS.
NAME	NOT NULL	VARCHAR2(60)	Name of the organization.
DATE_FROM	NOT NULL	DATE	Start date of the organization.
DATE_TO	NULL	DATE	End date of the organization.
INTERNAL_ADDRESS_LINE	NULL	VARCHAR2(80)	Internal address line.
COMMENTS	NULL	LONG	General remark.
DEFAULT_START_TIME	NULL	VARCHAR2(150)	Default working day start time.
DEFAULT_END_TIME	NULL	VARCHAR2(150)	Default working day end time.
WORKING_HOURS	NULL	VARCHAR2(150)	Working hours worked

FREQUENCY	NULL	VARCHAR2(150)	Frequency with which the WORKING_HOURS are worked, for example weekly, monthly.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
INTERNAL_EXTERNAL_FLAG	NULL	VARCHAR2(30)	Identifies whether the organization is treated as an employment unit within the business group.
TYPE	NULL	VARCHAR2(30)	User defined organization types.
LOCATION_ID	NULL	NUMBER(15)	Foreign key to HR_LOCATIONS. Default work site location for all assignments to this organization.
COST_ALLOCATION_KEYFLEX_ID	NULL	NUMBER(9)	Foreign key to PAY_COST_ALLOCATION_KEYFLEX.
SOFT_CODING_KEYFLEX_ID	NULL	NUMBER(15)	Foreign key to HR_SOFT_CODING_KEYFLEX.

## PER\_ORG\_STRUCTURE\_ELEMENTS

PER\_ORG\_STRUCTURE\_ELEMENTS holds information on the hierarchical relationship between organizations in a specific hierarchy version. Each row stores one parent-child relationship. The parent is identified by ORGANIZATION\_ID\_PARENT and the child is identified by ORGANIZATION\_ID\_CHILD. An organization can never be its own parent or child, and the top organization in a hierarchy will never appear in ORGANIZATION\_ID\_CHILD.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID_PARENT
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID_CHILD
PER_ORG_STRUCTURE_VERSIONS	ORG_STRUCTURE_VERSION_ID	ORG_STRUCTURE_VERSION_ID

### Column Descriptions

Name	Null?	Type	Description
ORG_STRUCTURE_ELEMENT_ID (PK)	NOT NULL	NUMBER(15)	System generated organization structure element primary key, from PER_ORG_STRUCTURE_ELEMENTS.S.
BUSINESS_GROUP_ID	NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
ORGANIZATION_ID_PARENT	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS. Identifies the parent organization.
ORG_STRUCTURE_VERSION_ID	NOT NULL	NUMBER	Foreign key to PER_ORG_STRUCTURE_VERSIONS. Identifies the specific version of the hierarchy .
ORGANIZATION_ID_CHILD	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS. Identifies the child organization.
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.
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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

### Indexes

Index Name	Index Type	Sequence	Column Name
PER_ORG_STRUCTURE_ELEMENTS_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_ORG_STRUCTURE_ELEMENTS_FK2	NOT UNIQUE	1	ORGANIZATION_ID_PARENT
PER_ORG_STRUCTURE_ELEMENTS_FK3	NOT UNIQUE	1	ORG_STRUCTURE_VERSION_ID
PER_ORG_STRUCTURE_ELEMENTS_FK4	NOT UNIQUE	1	ORGANIZATION_ID_CHILD
PER_ORG_STRUCTURE_ELEMENTS_N50	NOT UNIQUE	1	ORG_STRUCTURE_VERSION_ID
		2	ORGANIZATION_ID_PARENT

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PER_ORG_STRUCTURE_ELEMENTS_PK	UNIQUE	1	ORG_STRUCTURE_ELEMENT_ID
PER_ORG_STRUCTURE_ELEMENTS_UK2	UNIQUE	1	ORG_STRUCTURE_VERSION_ID
		2	ORGANIZATION_ID_CHILD

Sequences

Sequence	Derived Column
PER_ORG_STRUCTURE_ELEMENTS_S	ORG_STRUCTURE_ELEMENT_ID

Database Triggers

Trigger Name : HR\_PA\_MAINTAIN\_ORG\_HIST\_BRI  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger maintains organization information the the PA organization history table (PA\_ALL\_ORGANIZATIONS).

Trigger Name : PA\_MAINTAIN\_ORG\_HIST\_BRD  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger maintains organization information the the PA organization history table (PA\_ALL\_ORGANIZATIONS).

## PER\_ORG\_STRUCTURE\_VERSIONS

PER\_ORG\_STRUCTURE\_VERSIONS holds information about different versions of an organization hierarchy, including version number with start and end dates, and whether the current version has been copied from an existing version. Only one version of a specific organization hierarchy can exist at any one time.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID
PER_ORGANIZATION_STRUCTURES	ORGANIZATION_STRUCTURE_ID	ORGANIZATION_STRUCTURE_ID

### Column Descriptions

Name	Null?	Type	Description
ORG_STRUCTURE_VERSION_ID (PK)	NOT NULL	NUMBER	Primary key from PER_ORG_STRUCTURE_VERSIONS_S.
BUSINESS_GROUP_ID	NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
ORGANIZATION_STRUCTURE_ID	NOT NULL	NUMBER(15)	Foreign key to PER_ORGANIZATION_STRUCTURES.
DATE_FROM	NOT NULL	DATE	Start date of this version.
VERSION_NUMBER	NOT NULL	NUMBER	User enterable version number, not necessarily contiguous.
COPY_STRUCTURE_VERSION_ID	NULL	NUMBER(15)	Foreign key to PER_ORG_STRUCTURE_VERSIONS. Used if this version is copied from a previously existing structure.
DATE_TO	NULL	DATE	End date of this version.
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.
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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

### Indexes

Index Name	Index Type	Sequence	Column Name
PER_ORG_STRUCTURE_VERSIONS_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_ORG_STRUCTURE_VERSIONS_FK2	NOT UNIQUE	1	ORGANIZATION_STRUCTURE_ID
PER_ORG_STRUCTURE_VERSIONS_PK	UNIQUE	1	ORG_STRUCTURE_VERSION_ID

### Sequences

Sequence	Derived Column
PER_ORG_STRUCTURE_VERSIONS_S	ORG_STRUCTURE_VERSION_ID

## PER\_PEOPLE\_F

PER\_PEOPLE\_F is a view based on the table PER\_ALL\_PEOPLE\_F. It lists all of the people visible within the current security profile.

### *View Definition*

```
CREATE VIEW PER_PEOPLE_F
as SELECT
    PERSON_ID
, EFFECTIVE_START_DATE
, EFFECTIVE_END_DATE
, BUSINESS_GROUP_ID
, PERSON_TYPE_ID
, LAST_NAME
, START_DATE
, APPLICANT_NUMBER
, COMMENT_ID
, CURRENT_APPLICANT_FLAG
, CURRENT_EMP_OR_APL_FLAG
, CURRENT_EMPLOYEE_FLAG
, DATE_EMPLOYEE_DATA_VERIFIED
, DATE_OF_BIRTH
, EMAIL_ADDRESS
, EMPLOYEE_NUMBER
, EXPENSE_CHECK_SEND_TO_ADDRESS
, FAST_PATH_EMPLOYEE
, FIRST_NAME
, FULL_NAME
, ORDER_NAME
, KNOWN_AS
, MARITAL_STATUS
, MIDDLE_NAMES
, NATIONALITY
, NATIONAL_IDENTIFIER
, PREVIOUS_LAST_NAME
, REGISTERED_DISABLED_FLAG
, SEX
, TITLE
, VENDOR_ID
, HR_GENERAL.GET_WORK_PHONE(PAP.PERSON_ID) WORK_TELEPHONE
, REQUEST_ID
, PROGRAM_APPLICATION_ID
, PROGRAM_ID
, PROGRAM_UPDATE_DATE
, ATTRIBUTE_CATEGORY
, ATTRIBUTE1
, ATTRIBUTE2
, ATTRIBUTE3
, ATTRIBUTE4
, ATTRIBUTE5
, ATTRIBUTE6
, ATTRIBUTE7
, ATTRIBUTE8
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, ATTRIBUTE24
, ATTRIBUTE25
, ATTRIBUTE26
, ATTRIBUTE27
, ATTRIBUTE28
, ATTRIBUTE29
, ATTRIBUTE30
, LAST_UPDATE_DATE
, LAST_UPDATED_BY
, LAST_UPDATE_LOGIN
, CREATED_BY
, CREATION_DATE
, PER_INFORMATION_CATEGORY
, PER_INFORMATION1
, PER_INFORMATION2
, PER_INFORMATION3
, PER_INFORMATION4
, PER_INFORMATION5
, PER_INFORMATION6
, PER_INFORMATION7
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, PER_INFORMATION26
, PER_INFORMATION27
, PER_INFORMATION28
, PER_INFORMATION29
, PER_INFORMATION30
, OBJECT_VERSION_NUMB

```

```

ER
, DATE_OF_DEATH
, SUFFIX
,WORK_SCHEDULE
,CORRESPONDENCE_LANGUAGE
,STUDENT_STATUS
,FTE_CAPACITY
,ON_MILITARY_SERVICE
,SECOND_PASSPORT_EXISTS
,BACKGROUND_CHECK_STATUS
,BACKGROUND_DATE_CHECK
,BLOOD_TYPE
,LAST_MEDICAL_TEST_DATE
,LAST_MEDICAL_TEST_BY
,REHIRE_RECOMMENDATION
,REHIRE_AUTHORIZOR
,REHIRE_REASON
,RESUME_EXISTS
,RESUME_LAST_UPDATED
,OFFICE_NUMBER
,INTERNAL_LOCATION
,MAILSTOP
,PROJECTED_START_DATE
,HONORS
,PRE_NAME_ADJUNCT
,HOLD_APPLICANT_DATE_UNTIL
,COORD_BEN_MED_PLN_NO
,COORD_BEN_NO_CVG_FLAG
,DPDNT_ADOPTION_DATE
,DPDNT_VLNTRY_SVCE_FLAG
,RECEIPT_OF_DEATH_CERT_DATE
,USES_TOBACCO_FLAG
,BENEFIT_GROUP_ID
,ORIGINAL_DATE_OF_HIRE

FROM PER_ALL_PEOPLE_F PAP
WHERE
DECODE(HR_SECURITY.VIEW_ALL , 'Y' , 'TRUE' ,
        HR_SECURITY.SHOW_RECORD( 'PER_ALL_PEOPLE_F' ,
                                PAP.PERSON_ID,
                                PAP.PERSON_TYPE_ID,
                                PAP.EMPLOYEE_NUMBER,PAP.APPLICANT_NUMBER
        ) ) = 'TRUE'

```

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FAST_PATH_EMPLOYEE	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
PERSON_ID	NOT NULL	NUMBER(10)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
EFFECTIVE_START_DATE	NOT NULL	DATE	Refer to base table.
EFFECTIVE_END_DATE	NOT NULL	DATE	Refer to base table.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to base table.
PERSON_TYPE_ID	NOT NULL	NUMBER(15)	Refer to base table.
LAST_NAME	NOT NULL	VARCHAR2(40)	Refer to base table.
START_DATE	NOT NULL	DATE	Refer to base table.
APPLICANT_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
COMMENT_ID	NULL	NUMBER(15)	Refer to base table.
CURRENT_APPLICANT_FLAG	NULL	VARCHAR2(30)	Refer to base table.
CURRENT_EMP_OR_APL_FLAG	NULL	VARCHAR2(30)	Refer to base table.
CURRENT_EMPLOYEE_FLAG	NULL	VARCHAR2(30)	Refer to base table.
DATE_EMPLOYEE_DATA_VERIFIED	NULL	DATE	Refer to base table.
DATE_OF_BIRTH	NULL	DATE	Refer to base table.
EMAIL_ADDRESS	NULL	VARCHAR2(240)	Refer to base table.
EMPLOYEE_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
EXPENSE_CHECK_SEND_TO_ADDRESS	NULL	VARCHAR2(30)	Refer to base table.
FAST_PATH_EMPLOYEE	NULL	VARCHAR2(30)	Refer to base table.
FIRST_NAME	NULL	VARCHAR2(20)	Refer to base table.
FULL_NAME	NULL	VARCHAR2(240)	Refer to base table.
ORDER_NAME	NULL	VARCHAR2(240)	Refer to base table.
KNOWN_AS	NULL	VARCHAR2(80)	Refer to base table.
MARITAL_STATUS	NULL	VARCHAR2(30)	Refer to base table.
MIDDLE_NAMES	NULL	VARCHAR2(60)	Refer to base table.
NATIONALITY	NULL	VARCHAR2(30)	Refer to base table.
NATIONAL_IDENTIFIER	NULL	VARCHAR2(30)	Refer to base table.
PREVIOUS_LAST_NAME	NULL	VARCHAR2(40)	Refer to base table.
REGISTERED_DISABLED_FLAG	NULL	VARCHAR2(30)	Refer to base table.
SEX	NULL	VARCHAR2(30)	Refer to base table.
TITLE	NULL	VARCHAR2(30)	Refer to base table.
VENDOR_ID	NULL	NUMBER(15)	Refer to base table.
WORK_TELEPHONE	NULL	VARCHAR2(60)	Refer to base table.
REQUEST_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_UPDATE_DATE	NULL	DATE	Refer to base table.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE6	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE7	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE8	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE9	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE10	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE11	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE12	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE13	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE14	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE15	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE16	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE17	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE18	NULL	VARCHAR2(150)	Refer to base table.

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE19	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE20	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE21	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE22	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE23	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE24	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE25	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE26	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE27	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE28	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE29	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE30	NULL	VARCHAR2(150)	Refer to base table.
LAST_UPDATE_DATE	NULL	DATE	Refer to base table.
LAST_UPDATED_BY	NULL	NUMBER(15)	Refer to base table.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Refer to base table.
CREATED_BY	NULL	NUMBER(15)	Refer to base table.
CREATION_DATE	NULL	DATE	Refer to base table.
PER_INFORMATION_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
PER_INFORMATION1	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION2	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION3	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION4	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION5	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION6	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION7	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION8	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION9	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION10	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION11	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION12	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION13	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION14	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION15	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION16	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION17	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION18	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION19	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION20	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION21	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION22	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION23	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION24	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION25	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION26	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION27	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION28	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION29	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION30	NULL	VARCHAR2(150)	Refer to base table.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	Refer to base table.
DATE_OF_DEATH	NULL	DATE	Refer to base table.
SUFFIX	NULL	VARCHAR2(30)	Refer to base table.
WORK_SCHEDULE	NULL	VARCHAR2(30)	Refer to base table.
CORRESPONDENCE_LANGUAGE	NULL	VARCHAR2(30)	Refer to base table.
STUDENT_STATUS	NULL	VARCHAR2(30)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
FTE_CAPACITY	NULL	NUMBER(5,2)	Refer to base table.
ON_MILITARY_SERVICE	NULL	VARCHAR2(30)	Refer to base table.
SECOND_PASSPORT_EXISTS	NULL	VARCHAR2(30)	Refer to base table.
BACKGROUND_CHECK_STATUS	NULL	VARCHAR2(30)	Refer to base table.
BACKGROUND_DATE_CHECK	NULL	DATE	Refer to base table.
BLOOD_TYPE	NULL	VARCHAR2(30)	Refer to base table.
LAST_MEDICAL_TEST_DATE	NULL	DATE	Refer to base table.
LAST_MEDICAL_TEST_BY	NULL	VARCHAR2(60)	Refer to base table.
REHIRE_RECOMMENDATION	NULL	VARCHAR2(30)	Refer to base table.
REHIRE_AUTHORIZOR	NULL	VARCHAR2(30)	Refer to base table.
REHIRE_REASON	NULL	VARCHAR2(60)	Refer to base table.
RESUME_EXISTS	NULL	VARCHAR2(30)	Refer to base table.
RESUME_LAST_UPDATED	NULL	DATE	Refer to base table.
OFFICE_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
INTERNAL_LOCATION	NULL	VARCHAR2(30)	Refer to base table.
MAILSTOP	NULL	VARCHAR2(30)	Refer to base table.
PROJECTED_START_DATE	NULL	DATE	Refer to base table.
HONORS	NULL	VARCHAR2(30)	Refer to base table.
PRE_NAME_ADJUNCT	NULL	VARCHAR2(30)	Refer to base table.
HOLD_APPLICANT_DATE_UNTIL	NULL	DATE	Refer to base table.
COORD_BEN_MED_PLN_NO	NULL	VARCHAR2(30)	Refer to base table.
COORD_BEN_NO_CVG_FLAG	NULL	VARCHAR2(30)	Refer to base table.
DPDNT_ADOPTION_DATE	NULL	DATE	Refer to base table.
DPDNT_VLNTRY_SVCE_FLAG	NULL	VARCHAR2(30)	Refer to base table.
RECEIPT_OF_DEATH_CERT_DATE	NULL	DATE	Refer to base table.
USES_TOBACCO_FLAG	NULL	VARCHAR2(30)	Refer to base table.
BENEFIT_GROUP_ID	NULL	NUMBER(15)	Refer to base table.
ORIGINAL_DATE_OF_HIRE	NULL	DATE	Refer to base table.

## PER\_PERIODS\_OF\_SERVICE

PER\_PERIODS\_OF\_SERVICE holds the period of service, or employment, information for an employee. This includes the boundary dates for each period of service. A person may have more than one period of service, in sequence but they cannot overlap. For example, if the employee is terminated and is later re-hired there will two periods of service. Each period of service will have a hire date, DATE\_START, and if terminated a termination date, ACTUAL\_TERMINATION\_DATE. The default length of service calculation is the difference between the DATE\_START of the current period of service and the current system date.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LEAVING_REASON	LEAV_REAS D	FND_COMMON_LOOKUPS Deceased

### Column Descriptions

Name	Null?	Type	Description
PERIOD_OF_SERVICE_ID (PK)	NOT NULL	NUMBER(9)	System generated period of service primary key from PER_PERIODS_OF_SERVICE_S.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
TERMINATION_ACCEPTED_PERSON_ID	NULL	NUMBER(10)	Foreign key to PER_PEOPLE. Person who accepted or authorized employee termination.
PERSON_ID	NOT NULL	NUMBER(10)	Foreign key to PER_PEOPLE.
DATE_START	NOT NULL	DATE	Start date of the period of employment.
ACCEPTED_TERMINATION_DATE	NULL	DATE	Date when termination of employment was accepted.
ACTUAL_TERMINATION_DATE	NULL	DATE	Actual date of termination of employment.
COMMENTS	NULL	LONG	General remark.
FINAL_PROCESS_DATE	NULL	DATE	Final date for all payroll processing of this person.
LAST_STANDARD_PROCESS_DATE	NULL	DATE	Last date for including the person in any standard payroll processing.
LEAVING_REASON	NULL	VARCHAR2(30)	Reason for termination of employment.
NOTIFIED_TERMINATION_DATE	NULL	DATE	Date when the termination of employment was noted.
PROJECTED_TERMINATION_DATE	NULL	DATE	Projected employment termination date, used for information only.
ADJUSTED_SVC_DATE	NULL	DATE	Previous date of hire.
REQUEST_ID	NULL	NUMBER(15)	Standard Who Column.

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Column Descriptions (Continued)

Name	Null?	Type	Description
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 column.
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield column.
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield 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.
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	System-generated version of row. Increments by one with each update.
PRIOR_EMPLOYMENT_SSP_PAID_TO	NULL	DATE	Date SSP paid to in prior employment. (UK specific).
PRIOR_EMPLOYMENT_SSP_WEEKS	NULL	NUMBER	Number of weeks SSP paid for in prior employment. (UK specific).
PDS_INFORMATION_CATEGORY	NULL	VARCHAR2(30)	Developer descriptive flexfield structure defining column.
PDS_INFORMATION1	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION2	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION3	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION4	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION5	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION6	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION7	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION8	NULL	VARCHAR2(150)	Developer descriptive flexfield column.

PDS_INFORMATION9	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
PDS_INFORMATION10	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION11	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION12	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION13	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION14	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION15	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION16	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION17	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION18	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION19	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION20	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION21	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION22	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION23	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION24	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION25	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION26	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION27	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION28	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION29	NULL	VARCHAR2(150)	Developer descriptive flexfield column.
PDS_INFORMATION30	NULL	VARCHAR2(150)	Developer descriptive flexfield column.

*Indexes*

Index Name	Index Type	Sequence	Column Name
PER_PERIODS_OF_SERVICE_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_PERIODS_OF_SERVICE_N2	NOT UNIQUE	1	TERMINATION_ACCEPTED_PERSON_ID
PER_PERIODS_OF_SERVICE_N3	NOT UNIQUE	1	PERSON_ID
PER_PERIODS_OF_SERVICE_PK	UNIQUE	1	PERIOD_OF_SERVICE_ID

*Sequences*

Sequence	Derived Column
PER_PERIODS_OF_SERVICE_S	PERIOD_OF_SERVICE_ID

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## Database Triggers

Trigger Name : SSP\_PDS\_T2  
Trigger Time : AFTER  
Trigger Level : STATEMENT  
Trigger Event : UPDATE

Recalculate SSP.

Trigger Name : PER\_PTU\_EMP\_MAINTAIN\_I  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger creates a person type usage record with the `system_person_type` of 'EMP' whenever a period of service is created. This could be for a new employee or for an applicant who is being hired.

Trigger Name : SSP\_PDS\_T1  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

(old.prior\_employment\_ssp\_weeks != new.prior\_employment\_ssp\_weeks To recalculate SSP after modification of SSP1L. or old.prior\_employment\_ssp\_paid\_to != new.prior\_employment\_ssp\_paid\_to)

Trigger Name : PER\_PERIODS\_OF\_SERVICE\_OVN  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE

This trigger maintains the `object_version_number` column when a record is modified via an interface which does not support the `object_version_number` explicitly. This ensures the `object_version_number` is maintained consistently.

## PER\_PERSON\_TYPES

PER\_PERSON\_TYPES holds the list of names that may be used when entering or changing person types. Valid person types for a specific function are selected by joining to PER\_FORM\_FUNCTIONS. At any time, only one active USER\_PERSON\_TYPE can be the default for a SYSTEM\_PERSON\_TYPE.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
DEFAULT_FLAG	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes
SYSTEM_PERSON_TYPE	PERSON_TYPE	FND_COMMON_LOOKUPS
	APL	Applicant
	APL_EX_APL	Applicant and Ex-applicant
	BNF	Beneficiary
	DPNT	Dependent
	EMP	Employee
	EMP_APL	Employee and Applicant
	EX_APL	Ex-applicant
	EX_EMP	Ex-employee
	EX_EMP_APL	Ex-employee and Applicant
	OTHER	External
	PRTT	Participant

### Column Descriptions

Name	Null?	Type	Description
PERSON_TYPE_ID (PK)	NOT NULL	NUMBER(15)	Unique key generated from sequence PER_PERSON_TYPES_S.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Foreign key to HR_ORGANIZATION_UNITS.
ACTIVE_FLAG	NOT NULL	VARCHAR2(30)	Indicates whether the type is active[Y/N].
DEFAULT_FLAG	NOT NULL	VARCHAR2(30)	Indicates whether this USER_PERSON_TYPE is the default for the current SYSTEM_PERSON_TYPE [Y/N].
SYSTEM_PERSON_TYPE	NOT NULL	VARCHAR2(30)	System name for the person type.
USER_PERSON_TYPE	NOT NULL	VARCHAR2(80)	User name for the person type. You can have multiple user names for each system name.
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.
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.

Indexes

Index Name	Index Type	Sequence	Column Name
PER_PERSON_TYPES_FK1	NOT UNIQUE	1	BUSINESS_GROUP_ID
PER_PERSON_TYPES_PK	UNIQUE	1	PERSON_TYPE_ID

Sequences

Sequence	Derived Column
PER_PERSON_TYPES_S	PERSON_TYPE_ID

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## PO\_DISTRIBUTIONS\_ALL

PO\_DISTRIBUTIONS\_ALL contains accounting distribution information for a purchase order shipment line. You need one row for each distribution line you attach to a purchase order shipment. There are four types of documents using distributions in Oracle Purchasing:

- Standard Purchase Orders
- Planned Purchase Orders
- Planned Purchase Order Releases
- Blanket Purchase Order Releases

Each row includes the destination type, requestor ID, quantity ordered and deliver-to location for the distribution.

Oracle Purchasing uses this information to record accounting and requisition information for purchase orders and releases.

PO\_DISTRIBUTIONS\_ALL is one of five tables storing purchase order and release information.

Some columns in PO\_DISTRIBUTIONS\_ALL contain information only if certain conditions exist:

- If you autocreate this accounting distribution from a requisition, REQ\_DISTRIBUTION\_ID corresponds to the ID of the requisition distribution you copy on the purchase order.
- If you use a foreign currency on your purchase order, Oracle Purchasing stores currency conversion information in RATE and RATE\_DATE.
- If you use encumbrance, GL\_ENCUMBERED\_DATE and GL\_ENCUMBERED\_PERIOD\_NAME contain encumbrance information Oracle Purchasing uses to create journal entries in Oracle General Ledger.
- If you do not autocreate the purchase order from online requisitions, REQ\_LINE\_REFERENCE\_NUM and REQ\_HEADER\_REFERENCE\_NUM contain the requisition number and requisition line number of the corresponding paper requisition. These two columns are not foreign keys to another table.
- If the distribution corresponds to a blanket purchase order release, PO\_RELEASE\_ID identifies this release.
- If SOURCE\_DISTRIBUTION\_ID has a value, the distribution is part of a planned purchase order release.

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- If you cancel the distribution, Oracle Purchasing automatically updates QUANTITY\_CANCELLED or GL\_CANCELLED\_DATE. Oracle Purchasing also enters UNENCUMBERED\_AMOUNT if you use encumbrance.

You enter distribution information in the Distributions window, accessible through the Purchase Orders and Releases windows.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	BOM_RESOURCE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	BUDGET_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCRUAL_ACCOUNT_ID

#### Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	VARIANCE_ACCOUNT_ID
GL_DAILY_CONVERSION_RATES_R10	CONVERSION_RATE	RATE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	DESTINATION_SUBINVENTORY DESTINATION_ORGANIZATION_ID
PA_TASKS	TASK_ID	TASK_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	SOURCE_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	LINE_LOCATION_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	REQ_DISTRIBUTION_ID
WIP_ENTITIES	WIP_ENTITY_ID ORGANIZATION_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID
WIP_LINES	LINE_ID ORGANIZATION_ID	WIP_LINE_ID DESTINATION_ORGANIZATION_ID
WIP_OPERATIONS	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM RESOURCE_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_RESOURCE_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DESTINATION_TYPE_CODE	DESTINATION TYPE EXPENSE INVENTORY SHOP FLOOR	PO_LOOKUP_CODES Goods are expensed from the system upon delivery Goods are received into inventory upon delivery Goods are received into an outside operation upon delivery

# Column Descriptions

Name	Null?	Type	Description
PO_DISTRIBUTION_ID (PK)	NOT NULL	NUMBER	Document distribution unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
PO_LINE_ID	NOT NULL	NUMBER	Document line unique identifier
LINE_LOCATION_ID	NOT NULL	NUMBER	Document shipment schedule unique identifier
SET_OF_BOOKS_ID	NOT NULL	NUMBER	Set of Books unique identifier
CODE_COMBINATION_ID	NOT NULL	NUMBER	Unique identifier for the General Ledger charge account
QUANTITY_ORDERED	NOT NULL	NUMBER	Quantity ordered on the distribution
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
PO_RELEASE_ID	NULL	NUMBER	Release unique identifier
QUANTITY_DELIVERED	NULL	NUMBER	Quantity delivered against the distribution
QUANTITY_BILLED	NULL	NUMBER	Quantity invoiced by Oracle Payables against the distribution
QUANTITY_CANCELLED	NULL	NUMBER	Quantity cancelled for the distribution
REQ_HEADER_REFERENCE_NUM	NULL	VARCHAR2(25)	Requisition number of the requisition line placed on this distribution
REQ_LINE_REFERENCE_NUM	NULL	VARCHAR2(25)	Line number of the requisition line placed on the distribution
REQ_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution unique identifier
DELIVER_TO_LOCATION_ID	NULL	NUMBER	Unique identifier for the delivery location
DELIVER_TO_PERSON_ID	NULL	NUMBER(9)	Unique identifier for the requestor
RATE_DATE	NULL	DATE	Currency conversion date
RATE	NULL	NUMBER	Currency conversion rate
AMOUNT_BILLED	NULL	NUMBER	Amount invoiced by Oracle Payables against the distribution
ACCRUED_FLAG	NULL	VARCHAR2(1)	Indicates whether the distribution was accrued
ENCUMBERED_FLAG	NULL	VARCHAR2(1)	Distribution encumbered flag
ENCUMBERED_AMOUNT	NULL	NUMBER	Encumbered amount for distribution
UNENCUMBERED_QUANTITY	NULL	NUMBER	Quantity unencumbered on the distribution
UNENCUMBERED_AMOUNT	NULL	NUMBER	Amount unencumbered on the distribution
FAILED_FUNDS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of budgetary control approval failure
GL_ENCUMBERED_DATE	NULL	DATE	Date the distribution was encumbered
GL_ENCUMBERED_PERIOD_NAME	NULL	VARCHAR2(15)	Period in which the distribution was encumbered
GL_CANCELLED_DATE	NULL	DATE	Date the distribution was cancelled

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DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Final destination of the purchased items
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Column Descriptions (Continued)

Name	Null?	Type	Description
DESTINATION_ORGANIZATION_ID	NULL	NUMBER	Final destination organization unique identifier
DESTINATION_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory unique identifier for inventory purchases
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
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_OPERATION_SEQ_NUM	NULL	NUMBER	WIP operation sequence number within a routing
WIP_RESOURCE_SEQ_NUM	NULL	NUMBER	WIP resource sequence number
WIP_REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
BOM_RESOURCE_ID	NULL	NUMBER	BOM resource unique identifier
BUDGET_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger budget account
ACCRUAL_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger accrual account
VARIANCE_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger variance account
PREVENT_ENCUMBRANCE_FLAG	NULL	VARCHAR2(1)	Indicates whether distribution should be encumbered
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Protected descriptive flexfield context column for destination details
DISTRIBUTION_NUM	NOT NULL	NUMBER	Distribution number
SOURCE_DISTRIBUTION_ID	NULL	NUMBER	Unique identifier of the planned purchase order distribution that was referenced when creating this scheduled release distribution
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

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PROJECT_ID	NULL	NUMBER	Project accounting project unique identifier
TASK_ID	NULL	NUMBER	Project accounting task unique identifier

*Column Descriptions (Continued)*

Name	Null?	Type	Description
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Project accounting expenditure type
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Project accounting descriptive flexfield context column
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER	Project accounting expenditure organization unique identifier
GL_CLOSED_DATE	NULL	DATE	Date the distribution was final-closed
ACCRUE_ON_RECEIPT_FLAG	NULL	VARCHAR2(1)	Indicates whether items are accrued upon receipt
EXPENDITURE_ITEM_DATE	NULL	DATE	Project accounting expenditure item date
ORG_ID	NULL	NUMBER	Operating unit unique identifier
KANBAN_CARD_ID	NULL	NUMBER	Primary key for the kanban card
AWARD_ID	NULL	NUMBER(15)	Award identifier
MRC_RATE_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion date pairs
MRC_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion rate pairs
MRC_ENCUMBERED_AMOUNT	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and encumbered amount for distribution pairs
MRC_UNENCUMBERED_AMOUNT	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and amount unencumbered on the distribution pairs
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Project Manufacturing end item unit number
TAX_RECOVERY_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether tax recovery should be used
RECOVERABLE_TAX	NULL	NUMBER	Recoverable tax amount
NONRECOVERABLE_TAX	NULL	NUMBER	Nonrecoverable tax amount
RECOVERY_RATE	NULL	NUMBER	Percentage of tax that can be recovered

*Indexes*

Index Name	Index Type	Sequence	Column Name
PO_DISTRIBUTIONS_N1	NOT UNIQUE	1	LINE_LOCATION_ID
PO_DISTRIBUTIONS_N10	NOT UNIQUE	1	BUDGET_ACCOUNT_ID
PO_DISTRIBUTIONS_N11	NOT UNIQUE	1	PO_RELEASE_ID
PO_DISTRIBUTIONS_N12	NOT UNIQUE	2	SOURCE_DISTRIBUTION_ID
PO_DISTRIBUTIONS_N2	NOT UNIQUE	1	REQ_DISTRIBUTION_ID
PO_DISTRIBUTIONS_N3	NOT UNIQUE	1	PO_HEADER_ID
PO_DISTRIBUTIONS_N4	NOT UNIQUE	1	PO_LINE_ID

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PO_DISTRIBUTIONS_N5	NOT UNIQUE	1	REQ_HEADER_REFERENCE_NUM
		2	REQ_LINE_REFERENCE_NUM
PO_DISTRIBUTIONS_N6	NOT UNIQUE	1	DELIVER_TO_PERSON_ID
PO_DISTRIBUTIONS_N7	NOT UNIQUE	1	GL_ENCUMBERED_DATE

#### Indexes (Continued)

Name	Null?	Type	Description
PO_DISTRIBUTIONS_N8	NOT UNIQUE	1	WIP_ENTITY_ID
		2	WIP_OPERATION_SEQ_NUM
		3	WIP_RESOURCE_SEQ_NUM
		4	DESTINATION_ORGANIZATION_ID
		5	WIP_REPETITIVE_SCHEDULE_ID
PO_DISTRIBUTIONS_N9	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
PO_DISTRIBUTIONS_U1	UNIQUE	1	PO_DISTRIBUTION_ID

#### Sequences

Sequence	Derived Column
PO_DISTRIBUTIONS_S	PO_DISTRIBUTION_ID

#### Database Triggers

Trigger Name : PO\_MRC\_DISTRIBUTIONS\_BIUD  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table PO\_DISTRIBUTIONS\_ALL. For each record being inserted/updated/deleted in PO\_DISTRIBUTIONS\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, PO\_MC\_DISTRIBUTIONS. In addition, this trigger also populates the MRC VARCHAR2 columns in PO\_DISTRIBUTIONS\_ALL.

## PO\_DOCUMENT\_TYPES\_ALL\_B

PO\_DOCUMENT\_TYPES\_ALL\_B contains information about default, control, and option information you provide to customize Oracle Purchasing document management for your company's needs. PO\_DOCUMENT\_TYPES\_ALL\_B corresponds to the Document Types window.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCESS_LEVEL_CODE	ACCESS_LEVEL	PO_LOOKUP_CODES
	FULL	Full
	MODIFY	Modify
	VIEW_ONLY	View Only
ARCHIVE_EXTERNAL_REVISION_CODE	ARCHIVE_MODE	PO_LOOKUP_CODES
	APPROVE	Approve
	PRINT	Print
DOCUMENT_SUBTYPE	DOCUMENT SUBTYPE	PO_LOOKUP_CODES
	BLANKET	Blanket
	PLANNED	Planned
	SCHEDULED	Scheduled
	STANDARD	Standard
DOCUMENT_TYPE_CODE	DOCUMENT TYPE	PO_LOOKUP_CODES
	PA	Purchase Agreement
	PO	Purchase Order
	QUOTATION	Quotation
	RELEASE	Purchase Order Release
	REQUISITION	Requisition
FORWARDING_MODE_CODE	RFQ	Request for Quotation
	NEXT APPROVER METHOD	PO_LOOKUP_CODES
	DIRECT	Default the first person in management chain with authority
	HIERARCHY	Default the Supervisor as the Next Approver
QUOTATION_CLASS_CODE	QUOTATION CLASS	PO_LOOKUP_CODES
	BID	Bid Quotation
	CATALOG	Catalog Quotation
SECURITY_LEVEL_CODE	SECURITY_LEVEL	PO_LOOKUP_CODES
	HIERARCHY	Hierarchy
	PRIVATE	Private
	PUBLIC	Public
	PURCHASING	Purchasing

### Column Descriptions

Name	Null?	Type	Description
DOCUMENT_TYPE_CODE (PK)	NOT NULL	VARCHAR2(25)	Document type
DOCUMENT_SUBTYPE (PK)	NOT NULL	VARCHAR2(25)	Document subtype
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ARCHIVE_EXTERNAL_REVISION_CODE	NULL	VARCHAR2(25)	Archiving type
CAN_PREPARER_APPROVE_FLAG	NULL	VARCHAR2(1)	Indicates whether a document preparer can approve the document
FORWARDING_MODE_CODE	NULL	VARCHAR2(25)	Approval forwarding type
CAN_CHANGE_FORWARD_FROM_FLAG	NULL	VARCHAR2(1)	Indicates whether an approver can change the forward-from for requisitions during the approval process
CAN_APPROVER_MODIFY_DOC_FLAG	NULL	VARCHAR2(1)	Indicates whether approver can modify a purchase order or requisition during the approval process
CAN_CHANGE_APPROVAL_PATH_FLAG	NULL	VARCHAR2(1)	Indicates whether an approver can modify the approval hierarchy for a purchase order or requisition during the approval process
CAN_CHANGE_FORWARD_TO_FLAG	NULL	VARCHAR2(1)	Indicates whether approver can change the forward-to for a purchase order or requisition during the approval process
QUOTATION_CLASS_CODE	NULL	VARCHAR2(25)	Quotation or RFQ class
DEFAULT_APPROVAL_PATH_ID	NULL	NUMBER	Default approval hierarchy for requisitions and purchase orders
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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
SECURITY_LEVEL_CODE	NULL	VARCHAR2(25)	Document security level
ACCESS_LEVEL_CODE	NULL	VARCHAR2(25)	Document access level
DISABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicator of whether the quotation or RFQ is disabled
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ORG_ID (PK)	NULL	NUMBER	Operating unit unique identifier
WF_APPROVAL_ITEMTYPE	NULL	VARCHAR2(8)	Approval workflow item type
WF_APPROVAL_PROCESS	NULL	VARCHAR2(30)	Approval workflow process name
WF_CREATEDOC_ITEMTYPE	NULL	VARCHAR2(8)	Workflow item type for PO Create Documents workflow in Purchasing

Column Descriptions (Continued)

Name	Null?	Type	Description
WF_CREATEDOC_PROCESS	NULL	VARCHAR2(30)	PO Create Documents workflow start process

Indexes

Index Name	Index Type	Sequence	Column Name
PO_DOCUMENT_TYPES_ALL_B_U1	UNIQUE	1	DOCUMENT_TYPE_CODE
		2	DOCUMENT_SUBTYPE
		3	ORG_ID

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## PO\_HEADERS\_ALL

PO\_HEADERS\_ALL contains header information for your purchasing documents. You need one row for each document you create. There are six types of documents that use PO\_HEADERS\_ALL:

- RFQs
- Quotations
- Standard purchase orders
- Planned purchase orders
- Blanket purchase orders
- Contracts

Each row contains buyer information, supplier information, brief notes, foreign currency information, terms and conditions information, and the status of the document.

Oracle Purchasing uses this information to record information that is related to a complete document.

PO\_HEADER\_ID is the unique system-generated primary key and is invisible to the user. SEGMENT1 is the system-assigned number you use to identify the document in forms and reports. Oracle Purchasing generates SEGMENT1 using the PO\_UNIQUE\_IDENTIFIER\_CONT\_ALL table if you choose to let Oracle Purchasing generate document numbers for you. SEGMENT1 is not unique for the entire table. Different document types can share the same numbers. You can uniquely identify a row in PO\_HEADERS\_ALL using SEGMENT1 and TYPE\_LOOKUP\_CODE or using PO\_HEADER\_ID.

If APPROVED\_FLAG is 'Y', the purchase order is approved. If your document type is a blanket purchase order, contract purchase order, RFQ, or quotation, Oracle Purchasing uses START\_DATE and END\_DATE to store the valid date range for the document. Oracle Purchasing only uses BLANKET\_TOTAL\_AMOUNT for blanket purchase orders or contract purchase orders.

If you autcreate a quotation from an RFQ using the Copy Document window, Oracle Purchasing stores the foreign key to your original RFQ in FROM\_HEADER\_ID. Oracle Purchasing also uses FROM\_TYPE\_LOOKUP\_CODE to indicate that you copied the quotation from an RFQ.

Oracle Purchasing does not use SUMMARY\_FLAG and ENABLED\_FLAG. Because future versions of Oracle Purchasing will

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use them, SUMMARY\_FLAG and ENABLED\_FLAG should always be 'N' and 'Y' respectively.

You enter document header information in the Header region of the Purchase Orders, RFQs, and Quotations windows.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
HR_LOCATIONS_ALL	LOCATION_ID	SHIP_TO_LOCATION_ID
HR_LOCATIONS_ALL	LOCATION_ID	BILL_TO_LOCATION_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	QUOTE_WARNING_DELAY_UNIT
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_AGENTS	AGENT_ID	AGENT_ID
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_SUBTYPE	TYPE_LOOKUP_CODE
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_SUBTYPE	QUOTE_TYPE_LOOKUP_CODE
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_SUBTYPE	FROM_TYPE_LOOKUP_CODE
PO_HEADERS_ALL	PO_HEADER_ID	FROM_HEADER_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_CONTACTS	VENDOR_CONTACT_ID	VENDOR_CONTACT_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	AUTHORIZATION STATUS	PO_LOOKUP_CODES
	APPROVED	Document has been Approved
	CANCELLED	Document has been Cancelled
	IN PROCESS	Document is still undergoing Approval
	INCOMPLETE	Document is not yet Complete
	PRE-APPROVED	Document is Approved but not yet Accepted
	REJECTED	Document as been Rejected
	REQUIRES REAPPROVAL	Requires Reapproval
CLOSED_CODE	RETURNED	Document has been Returned
	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Ap-proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can-celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under-going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold

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	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Rejected
	REQUIRES REAPPROVAL	The Document has been changed since it was Approved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Returned by a Buyer
	UNFROZEN	The Document is Not Frozen
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
QUOTATION_CLASS_CODE	QUOTATION CLASS	PO_LOOKUP_CODES
	BID	Bid Quotation
	CATALOG	Catalog Quotation
STATUS_LOOKUP_CODE	RFQ/QUOTE STATUS	PO_LOOKUP_CODES
	A	Active
	C	Closed
	I	In Process
	P	Printed

#### Column Descriptions

Name	Null?	Type	Description
PO_HEADER_ID (PK)	NOT NULL	NUMBER	Document header unique identifier
AGENT_ID	NOT NULL	NUMBER(9)	Buyer unique identifier
TYPE_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Type of the document
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
SEGMENT1	NOT NULL	VARCHAR2(20)	Document number
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key Flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key Flexfield enabled flag
SEGMENT2	NULL	VARCHAR2(20)	Key Flexfield segment column
SEGMENT3	NULL	VARCHAR2(20)	Key Flexfield segment column
SEGMENT4	NULL	VARCHAR2(20)	Key Flexfield segment column
SEGMENT5	NULL	VARCHAR2(20)	Key Flexfield segment column
START_DATE_ACTIVE	NULL	DATE	Key Flexfield start date
END_DATE_ACTIVE	NULL	DATE	Key Flexfield end date
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site unique identifier
VENDOR_CONTACT_ID	NULL	NUMBER	Supplier contact unique identifier
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship-to location unique identifier
BILL_TO_LOCATION_ID	NULL	NUMBER	Bill-to location unique identifier
TERMS_ID	NULL	NUMBER	Payment terms unique identifier

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SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of carrier to be used
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of free-on-board terms for the document
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of freight terms for the document
STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	Status of the RFQ or Quotation
CURRENCY_CODE	NULL	VARCHAR2(15)	Unique identifier for the currency
RATE_TYPE	NULL	VARCHAR2(30)	Currency conversion rate type
RATE_DATE	NULL	DATE	Currency conversion date
RATE	NULL	NUMBER	Currency conversion rate
FROM_HEADER_ID	NULL	NUMBER	Unique identifier of the RFQ used to autocreate a quotation
FROM_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Document type of the document used to autocreate another document
START_DATE	NULL	DATE	Date the document becomes effective
END_DATE	NULL	DATE	Expiration date of the document
BLANKET_TOTAL_AMOUNT	NULL	NUMBER	Amount agreed for the planned or blanket purchase order
AUTHORIZATION_STATUS	NULL	VARCHAR2(25)	Authorization status of the purchase order
REVISION_NUM	NULL	NUMBER	Document revision number
REVISED_DATE	NULL	DATE	Date the document was last revised
APPROVED_FLAG	NULL	VARCHAR2(1)	Indicates whether the purchase order is approved or not
APPROVED_DATE	NULL	DATE	Date the purchase order was last approved
AMOUNT_LIMIT	NULL	NUMBER	Maximum amount that can be released against the purchase order (blanket, contract, or planned)
MIN_RELEASE_AMOUNT	NULL	NUMBER	Minimum amount that can be released against a blanket or planned purchase order
NOTE_TO_AUTHORIZER	NULL	VARCHAR2(240)	Not currently used
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Note to the supplier
NOTE_TO_RECEIVER	NULL	VARCHAR2(240)	Note to the receiver of the purchase order
PRINT_COUNT	NULL	NUMBER	Number of times the document was printed
PRINTED_DATE	NULL	DATE	Date the document was last printed
VENDOR_ORDER_NUM	NULL	VARCHAR2(25)	No longer used
CONFIRMING_ORDER_FLAG	NULL	VARCHAR2(1)	Indicates whether the purchase order is a confirming order or not
COMMENTS	NULL	VARCHAR2(240)	Descriptive comments for the document
REPLY_DATE	NULL	DATE	Date the supplier replied to the RFQ
REPLY_METHOD_LOOKUP_CODE	NULL	VARCHAR2(25)	Method the supplier should use to reply to the RFQ
RFQ_CLOSE_DATE	NULL	DATE	Date the RFQ will be closed
QUOTE_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of quotation
QUOTATION_CLASS_CODE	NULL	VARCHAR2(25)	Class of quotation

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QUOTE_WARNING_DELAY_UNIT	NULL	VARCHAR2(25)	Warning delay unit of measure (Unused since release 7.0)
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Column Descriptions (Continued)

Name	Null?	Type	Description
QUOTE_WARNING_DELAY	NULL	NUMBER	Number of days prior to the expiration of the quotation that you want to be notified
QUOTE_VENDOR_QUOTE_NUMBER	NULL	VARCHAR2(25)	Number of the quotation for the supplier
ACCEPTANCE_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether acceptance from the supplier is required or not
ACCEPTANCE_DUE_DATE	NULL	DATE	Date by which the supplier should accept the purchase order
CLOSED_DATE	NULL	DATE	Date the document was closed
USER_HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether the purchase order is on hold or not
APPROVAL_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether a quote or RFQ requires approval
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the purchase order is cancelled or not
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(30)	Indicates whether you want to prevent this purchase order from being automatically rescheduled by your manufacturing application
FIRM_DATE	NULL	DATE	Date from which the purchase order is firm
FROZEN_FLAG	NULL	VARCHAR2(1)	Indicates whether the document is frozen or not
SUPPLY_AGREEMENT_FLAG	NULL	VARCHAR2(1)	Supply agreement flag for Supplier Scheduling
EDI_PROCESSED_FLAG	NULL	VARCHAR2(1)	EDI processed flag
EDI_PROCESSED_STATUS	NULL	VARCHAR2(10)	EDI processing status flag
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
CLOSED_CODE	NULL	VARCHAR2(25)	Describes the closure status of the document
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column

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PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ORG_ID	NULL	NUMBER	Operating unit unique identifier

*Column Descriptions (Continued)*

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(25)	Audit trail reference (needed for 832 EDI transaction)
REFERENCE_NUM	NULL	VARCHAR2(25)	Audit trail reference (needed for 832 EDI transaction)
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Workflow approval item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Workflow approval item key
MRC_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion rate type pairs
MRC_RATE_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion date pairs

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MRC_RATE	NULL VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion rate pairs
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#### Column Descriptions (Continued)

Name	Null?	Type	Description
PCARD_ID	NULL	NUMBER(15)	Unique identifier for the procurement card used for the order
PRICE_UPDATE_TOLERANCE	NULL	NUMBER	Maximum percentage increase allowed in price/sales catalog update (832 EDI transaction) sent by supplier
PAY_ON_CODE	NULL	VARCHAR2(25)	Indicator of whether the purchase order will be paid upon receipt

#### Indexes

Index Name	Index Type	Sequence	Column Name
PO_HEADERS_N1	NOT UNIQUE	1	VENDOR_ID
		2	VENDOR_SITE_ID
PO_HEADERS_N2	NOT UNIQUE	1	CREATION_DATE
PO_HEADERS_N3	NOT UNIQUE	1	AGENT_ID
PO_HEADERS_N4	NOT UNIQUE	1	FROM_HEADER_ID
PO_HEADERS_N5	NOT UNIQUE	1	WF_ITEM_TYPE
		2	WF_ITEM_KEY
PO_HEADERS_U1	UNIQUE	1	PO_HEADER_ID
PO_HEADERS_U2	UNIQUE	1	SEGMENT1
		2	TYPE_LOOKUP_CODE
		3	ORG_ID

#### Sequences

Sequence	Derived Column
PO_HEADERS_S	PO_HEADER_ID

#### Database Triggers

Trigger Name : PO\_MRC\_HEADERS\_BIUD  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table PO\_HEADERS\_ALL. For each record being inserted/updated/deleted in PO\_HEADERS\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, PO\_MC\_HEADERS. In addition, this trigger also populates the MRC VARCHAR2 columns in PO\_HEADERS\_ALL.

# PO\_LINES\_ALL

PO\_LINES\_ALL stores current information about each purchase order line. You need one row for each line you attach to a document. There are five document types that use lines:

- RFQs
- Quotations
- Standard purchase orders
- Blanket purchase orders
- Planned purchase orders

Each row includes the line number, the item number and category, unit, price, tax information, matching information, and quantity ordered for the line. Oracle Purchasing uses this information to record and update item and price information for purchase orders, quotations, and RFQs.

PO\_LINE\_ID is the unique system-generated line number invisible to the user. LINE\_NUM is the number of the line on the purchase order. Oracle Purchasing uses CONTRACT\_NUM to reference a contract purchase order from a standard purchase order line. Oracle Purchasing uses ALLOW\_PRICE\_OVERRIDE\_FLAG, COMMITTED\_AMOUNT, QUANTITY\_COMMITTED, MIN\_RELEASE\_AMOUNT only for blanket and planned purchase order lines.

The QUANTITY field stores the total quantity of all purchase order shipment lines (found in PO\_LINE\_LOCATIONS\_ALL).

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	NAME	TAX_NAME
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_REVISIONS	REVISION	ITEM_REVISION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_MEAS_LOOKUP_CODE
MTL_UOM_CLASSES_TL	UOM_CLASS	UNIT_OF_MEASURE_CLASS
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID
PO_HEADERS_ALL	PO_HEADER_ID SEGMENT1	PO_HEADER_ID CONTRACT_NUM
PO_HEADERS_ALL	PO_HEADER_ID	FROM_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	FROM_LINE_ID
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID
PO_UN_NUMBERS_B	UN_NUMBER_ID	UN_NUMBER_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	APPROVED	The Document has been Ap- proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can- celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under- going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Re- jected
	REQUIRES REAPPROVAL	The Document has been changed since it was Ap- proved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Re- turned by a Buyer
	UNFROZEN	The Document is Not Frozen
PRICE_BREAK_LOOKUP_CODE	PRICE BREAK TYPE	PO_LOOKUP_CODES
	CUMULATIVE	Cumulative
	NON CUMULATIVE	Non-Cumulative
PRICE_TYPE_LOOKUP_CODE	PRICE TYPE	PO_LOOKUP_CODES
	COST FEE	Cost Plus Fee
	COST PERCENT	Cost Plus Percentage
	FIXED	Fixed
	INDEXED	Indexed
	VARIABLE	Variable

Column Descriptions

Name	Null?	Type	Description
PO_LINE_ID (PK)	NOT NULL	NUMBER	Document line unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
LINE_TYPE_ID	NOT NULL	NUMBER	Line type unique identifier
LINE_NUM	NOT NULL	NUMBER	Line number
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column

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ITEM_ID	NULL	NUMBER	Item unique identifier
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision
CATEGORY_ID	NULL	NUMBER	Item category unique identifier
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
UNIT_MEAS_LOOKUP_CODE	NULL	VARCHAR2(25)	Unit of measure for the quantity ordered
QUANTITY_COMMITTED	NULL	NUMBER	Quantity agreed for an agreement line
COMMITTED_AMOUNT	NULL	NUMBER	Amount agreed for an agreement line
ALLOW_PRICE_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicates whether or not you can change the price on releases
NOT_TO_EXCEED_PRICE	NULL	NUMBER	Price limit that you cannot exceed on a release shipment
LIST_PRICE_PER_UNIT	NULL	NUMBER	List price for the item on the line
UNIT_PRICE	NULL	NUMBER	Unit price for the line
QUANTITY	NULL	NUMBER	Quantity ordered on the line
UN_NUMBER_ID	NULL	NUMBER	UN number unique identifier
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Short note to supplier
FROM_HEADER_ID	NULL	NUMBER	Quotation unique identifier
FROM_LINE_ID	NULL	NUMBER	Quotation line unique identifier
MIN_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity for a quotation line
MAX_ORDER_QUANTITY	NULL	NUMBER	Maximum order quantity for a quotation line
QTY_RCV_TOLERANCE	NULL	NUMBER	Quantity received tolerance percentage
OVER_TOLERANCE_ERROR_FLAG	NULL	VARCHAR2(25)	Indicates whether or not you reject receipts exceeding the tolerance
MARKET_PRICE	NULL	NUMBER	Market price for the item on the line
UNORDERED_FLAG	NULL	VARCHAR2(1)	Indicates whether or not the line was created from unordered receipts
CLOSED_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is closed or not
USER_HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is on hold or not (Unused since release version 5.0)
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is cancelled or not
CANCELLED_BY	NULL	NUMBER(9)	Unique identifier of the employee who cancelled the line
CANCEL_DATE	NULL	DATE	Cancellation date
CANCEL_REASON	NULL	VARCHAR2(240)	Cancellation reason provided by employee
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(30)	Firming status of the line (Unused since release version 7.0)
FIRM_DATE	NULL	DATE	Date the line becomes firm (Unused since release version 7.0)

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VENDOR_PRODUCT_NUM	NULL	VARCHAR2(25)	Supplier product number
CONTRACT_NUM	NULL	VARCHAR2(25)	Contract number referenced on the line

*Column Descriptions (Continued)*

Name	Null?	Type	Description
TAXABLE_FLAG	NULL	VARCHAR2(1)	Indicates whether the document line is taxable or not
TAX_NAME	NULL	VARCHAR2(15)	Tax code applying to the line
TYPE_1099	NULL	VARCHAR2(10)	1099 type for the purchase order line
CAPITAL_EXPENSE_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is for a capital expense or not
NEGOTIATED_BY_PREPARER_FLAG	NULL	VARCHAR2(1)	Indicates whether the buyer negotiated the price or not
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
REFERENCE_NUM	NULL	VARCHAR2(25)	Reference number (Unused since release version 7.0)
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
MIN_RELEASE_AMOUNT	NULL	NUMBER	Minimum amount that can be released against a planned or blanket agreement line
PRICE_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Price type of the line
CLOSED_CODE	NULL	VARCHAR2(25)	Describes closure status of the line
PRICE_BREAK_LOOKUP_CODE	NULL	VARCHAR2(25)	Describes the pricing scheme for blanket agreement line price breaks
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
CLOSED_DATE	NULL	DATE	Date the line is closed
CLOSED_REASON	NULL	VARCHAR2(240)	Describes why the line is closed
CLOSED_BY	NULL	NUMBER(9)	Unique identifier of employee who closed the line
TRANSACTION_REASON_CODE	NULL	VARCHAR2(25)	Transaction reason
ORG_ID	NULL	NUMBER	Operating unit unique identifier

QC_GRADE	NULL	VARCHAR2(25)	Stores the quality control grade wanted on the purchase order line
BASE_UOM	NULL	VARCHAR2(25)	Stores the base unit of measure (UOM) for the item ordered

*Column Descriptions (Continued)*

Name	Null?	Type	Description
BASE_QTY	NULL	NUMBER	Ordered quantity converted from transaction UOM to base UOM
SECONDARY_UOM	NULL	VARCHAR2(25)	Stores the dual unit of measure for the item ordered
SECONDARY_QTY	NULL	NUMBER	Converted quantity from BASE UOM to DUAL UOM for the item ordered
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_REFERENCE_NUM	NULL	VARCHAR2(25)	Audit Trail Reference (needed for 832 EDI transaction)
PROJECT_ID	NULL	NUMBER	Project accounting project unique identifier

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TASK_ID	NULL	NUMBER	Project accounting task unique identifier
EXPIRATION_DATE	NULL	DATE	Date after which the item on this catalog line can no longer be ordered
TAX_CODE_ID	NULL	NUMBER	Unique identifier for the tax code

#### Indexes

Index Name	Index Type	Sequence	Column Name
PO_LINES_N1	NOT UNIQUE	1	ITEM_ID
PO_LINES_N2	NOT UNIQUE	1	CREATION_DATE
PO_LINES_N3	NOT UNIQUE	1	CATEGORY_ID
PO_LINES_N4	NOT UNIQUE	1	FROM_LINE_ID
PO_LINES_N5	NOT UNIQUE	1	ITEM_DESCRIPTION
PO_LINES_N6	NOT UNIQUE	1	VENDOR_PRODUCT_NUM
PO_LINES_N7	NOT UNIQUE	1	CONTRACT_NUM
PO_LINES_N8	NOT UNIQUE	1	CLOSED_BY
PO_LINES_N9	NOT UNIQUE	1	CANCELLED_BY
PO_LINES_U1	UNIQUE	1	PO_LINE_ID
PO_LINES_U2	UNIQUE	1	PO_HEADER_ID
		2	LINE_NUM

#### Sequences

Sequence	Derived Column
PO_LINES_S	PO_LINE_ID

#### Database Triggers

Trigger Name : PO\_LINES\_ALL\_T1\_ICX  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT

This trigger is installed via a post-install step for Web Requestitions and is required only if this module is used. There is a prerequisite that ConText be installed. The trigger places a re-index request on the ConText queue.

Trigger Name : PO\_LINES\_ALL\_T2\_ICX  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This trigger is installed via a post-install step for Web Requestitions and is required only if this module is used. There is a prerequisite that ConText be installed. The trigger places a re-index request on the ConText queue.

Trigger Name : PO\_LINES\_ALL\_T3\_ICX  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : DELETE

This trigger is installed via a post-install step for Web Requestitions and is required only if this module is used. There is a prerequisite that ConText be installed. The trigger places a re-index request on the ConText queue.

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## PO\_LINE\_LOCATIONS\_ALL

PO\_LINE\_LOCATIONS\_ALL contains information about purchase order shipment schedules and blanket agreement price breaks. You need one row for each schedule or price break you attach to a document line. There are seven types of documents that use shipment schedules:

- RFQs
- Quotations
- Standard purchase orders
- Planned purchase orders
- Planned purchase order releases
- Blanket purchase orders
- Blanket purchase order releases

Each row includes the location, quantity, and dates for each shipment schedule. Oracle Purchasing uses this information to record delivery schedule information for purchase orders, and price break information for blanket purchase orders, quotations and RFQs.

PO\_RELEASE\_ID applies only to blanket purchase order release shipments. PO\_RELEASE\_ID identifies the release on which you placed this shipment.

SOURCE\_SHIPMENT\_ID applies only to planned purchase order release shipments. It identifies the planned purchase order shipment you chose to release from.

PRICE\_OVERRIDE always equals the purchase order line price for standard purchase order shipments. For blanket and planned purchase orders, PRICE\_OVERRIDE depends on the values of the ALLOW\_PRICE\_OVERRIDE\_FLAG and NOT\_TO\_EXCEED\_PRICE in the corresponding row in PO\_LINES\_ALL:

- If ALLOW\_PRICE\_OVERRIDE\_FLAG is 'N', then PRICE\_OVERRIDE equals UNIT\_PRICE in PO\_LINES\_ALL.
- If ALLOW\_PRICE\_OVERRIDE\_FLAG is 'Y', the PRICE\_OVERRIDE can take any value that is smaller than NOT\_TO\_EXCEED\_PRICE in PO\_LINES\_ALL.

The QUANTITY field corresponds to the total quantity ordered on all purchase order distribution lines (found in PO\_DISTRIBUTIONS\_ALL).

Oracle Purchasing automatically updates QUANTITY\_RECEIVED, QUANTITY\_ACCEPTED, and QUANTITY\_REJECTED when you receive, return, or inspect goods or services. Oracle Payables automatically updates QUANTITY\_BILLED when you match an invoice with a purchase order shipment. Oracle Purchasing automatically updates QUANTITY\_CANCELLED when you cancel a purchase order shipment.

Oracle Purchasing sets APPROVED\_FLAG to 'Y' when you approve the corresponding purchase order if there are no problems associated with the shipment and its related distributions.

Oracle Purchasing sets ENCUMBERED\_FLAG to 'Y' and enters the ENCUMBERED\_DATE when you approve a purchase order if you use encumbrance.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	TAX_ID	TAX_CODE_ID
AP_TERMS_TL	TERM_ID	TERMS_ID
HR_LOCATIONS_ALL	LOCATION_ID	SHIP_TO_LOCATION_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_MEAS_LOOKUP_CODE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	LEAD_TIME_UNIT
MTL_UOM_CLASSES_TL	UOM_CLASS	UNIT_OF_MEASURE_CLASS
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_HEADERS_ALL	PO_HEADER_ID	FROM_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINES_ALL	PO_LINE_ID	FROM_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	FROM_LINE_LOCATION_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	SOURCE_SHIPMENT_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	RECEIVING_ROUTING_ID

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Approved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Cancelled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still undergoing Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold

NOT RESERVED	The document is Not Reserved
ON HOLD	The Document is On Hold
OPEN	The Document is Open

*QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Rejected
	REQUIRES REAPPROVAL	The Document has been changed since it was Approved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Returned by a Buyer
	UNFROZEN	The Document is Not Frozen
ENFORCE_SHIP_TO_LOCATION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
QTY_RCV_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
RECEIPT_DAYS_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
SHIPMENT_TYPE	SHIPMENT TYPE	PO_LOOKUP_CODES
	BLANKET	Blanket release shipment
	PLANNED	Planned shipment
	PRICE BREAK	Price Break
	QUOTATION	Quotation shipment
	RFQ	RFQ shipment
	SCHEDULED	Scheduled release shipment
	STANDARD	Standard shipment

*Column Descriptions*

Name	Null?	Type	Description
LINE_LOCATION_ID (PK)	NOT NULL	NUMBER	Document shipment schedule unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier

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PO_LINE_ID	NOT NULL	NUMBER	Document line unique identifier
LAST_UPDATE_LOGIN		NULL NUMBER	Standard Who column
CREATION_DATE		NULL DATE	Standard Who column
CREATED_BY		NULL NUMBER	Standard Who column

*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
QUANTITY	NULL	NUMBER	Quantity ordered or break quantity for blanket purchase orders, RFQs and quotations
QUANTITY_RECEIVED	NULL	NUMBER	Quantity received until today
QUANTITY_ACCEPTED	NULL	NUMBER	Quantity accepted after inspection, up until today
QUANTITY_REJECTED	NULL	NUMBER	Quantity rejected after inspection, up until today
QUANTITY_BILLED	NULL	NUMBER	Quantity invoiced by Oracle Payables, up until today
QUANTITY_CANCELLED	NULL	NUMBER	Quantity cancelled
UNIT_MEAS_LOOKUP_CODE	NULL	VARCHAR2(25)	Price break quantity unit of measure
PO_RELEASE_ID	NULL	NUMBER	Release unique identifier for a release shipment
SHIP_TO_LOCATION_ID	NULL	NUMBER	Unique identifier for the ship-to location
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of carrier for the RFQ or quotation shipment
NEED_BY_DATE	NULL	DATE	Need-by date for the shipment schedule
PROMISED_DATE	NULL	DATE	Supplier promised delivery date
LAST_ACCEPT_DATE	NULL	DATE	Latest acceptable receipt date for the shipment
PRICE_OVERRIDE	NULL	NUMBER	Order shipment price or break price for blanket purchase orders, RFQs, and quotations
ENCUMBERED_FLAG	NULL	VARCHAR2(1)	Indicates whether the shipment is encumbered or not
ENCUMBERED_DATE	NULL	DATE	Date of encumbrance for the shipment
UNENCUMBERED_QUANTITY	NULL	NUMBER	Encumbered quantity to date (Unused since release version 7.0)
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of free-on-board terms for the shipment
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of freight terms for the RFQ or quotation shipment
TAXABLE_FLAG	NULL	VARCHAR2(1)	Indicates whether the shipment is taxable
TAX_NAME	NULL	VARCHAR2(15)	Tax code for the shipment
ESTIMATED_TAX_AMOUNT	NULL	NUMBER	Estimated tax amount for the purchase order shipment (Unused since release version 6.0)
FROM_HEADER_ID	NULL	NUMBER	Unique identifier of the RFQ used to autocreate the quotation
FROM_LINE_ID	NULL	NUMBER	Unique identifier of the RFQ line used to autocreate the quotation line
FROM_LINE_LOCATION_ID	NULL	NUMBER	Unique identifier of the RFQ shipment used to autocreate a quotation shipment

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START_DATE	NULL	DATE	Effective date of the price break (applies to RFQs and quotations only)
END_DATE	NULL	DATE	Expiration date of the price break (applies to RFQs and quotations only)
LEAD_TIME	NULL	NUMBER	Lead time for the price break (applies to RFQs and quotations only)

*Column Descriptions (Continued)*

Name	Null?	Type	Description
LEAD_TIME_UNIT	NULL	VARCHAR2(25)	Unit of measure for the lead time
PRICE_DISCOUNT	NULL	NUMBER	Discount percentage for price break (applies to RFQs and quotations only)
TERMS_ID	NULL	NUMBER	Payment terms unique identifier
APPROVED_FLAG	NULL	VARCHAR2(1)	Indicates whether the shipment is approved
APPROVED_DATE	NULL	DATE	Approval date for shipment (Unused since release version 6.0)
CLOSED_FLAG	NULL	VARCHAR2(1)	No longer used
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the shipment is cancelled or not
CANCELLED_BY	NULL	NUMBER(9)	Unique identifier of the employee who cancelled the shipment
CANCEL_DATE	NULL	DATE	Cancellation date
CANCEL_REASON	NULL	VARCHAR2(240)	Cancellation reason provided by the employee
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	Indicates whether the shipment is firmed or not
FIRM_DATE	NULL	DATE	No longer used
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
UNIT_OF_MEASURE_CLASS	NULL	VARCHAR2(25)	Unit of measure class (Unused since release version 7.0)
ENCUMBER_NOW	NULL	VARCHAR2(1)	Indicates whether the shipment should be encumbered (Unused since release version 7.0)
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
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether shipment must be inspected before the invoice is paid

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RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether shipment must be received before the invoice is paid
QTY_RCV_TOLERANCE	NULL	NUMBER	Maximum over-receipt tolerance percentage
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Describes what action is taken when the quantity received tolerance is exceeded
ENFORCE_SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(25)	Describes what action is taken when the receiving location differs from the ship-to location

*Column Descriptions (Continued)*

Name	Null?	Type	Description
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Indicates whether substitute items can be received in place of the ordered items
DAYS_EARLY_RECEIPT_ALLOWED	NULL	NUMBER	Maximum acceptable number of days items can be received early
DAYS_LATE_RECEIPT_ALLOWED	NULL	NUMBER	Maximum acceptable number of days items can be received late
RECEIPT_DAYS_EXCEPTION_CODE	NULL	VARCHAR2(25)	Describes what action is taken when items are received earlier or later than the allowed number of days specified
INVOICE_CLOSE_TOLERANCE	NULL	NUMBER	Percentage tolerance within which a shipment is automatically closed for invoicing when billed
RECEIVE_CLOSE_TOLERANCE	NULL	NUMBER	Percentage tolerance within which a shipment is automatically closed for receiving
SHIP_TO_ORGANIZATION_ID	NULL	NUMBER	Ship-to organization unique identifier
SHIPMENT_NUM	NULL	NUMBER	Shipment line number
SOURCE_SHIPMENT_ID	NULL	NUMBER	Unique identifier of the planned purchase order shipment that was referenced when creating this scheduled release shipment
SHIPMENT_TYPE	NOT NULL	VARCHAR2(25)	Type of the shipment
CLOSED_CODE	NULL	VARCHAR2(25)	Closure status of the shipment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
RECEIVING_ROUTING_ID	NULL	NUMBER	Receipt routing unique identifier
ACCRUE_ON_RECEIPT_FLAG	NULL	VARCHAR2(1)	Indicates whether items are accrued upon receipt
CLOSED_REASON	NULL	VARCHAR2(240)	Why the shipment is closed
CLOSED_DATE	NULL	DATE	Date the shipment is closed
CLOSED_BY	NULL	NUMBER(9)	Unique identifier of employee who closed the shipment

ORG_ID	NULL	NUMBER	Operating unit unique identifier
QUANTITY_SHIPPED	NULL	NUMBER	Quantity shipped
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality

*Column Descriptions (Continued)*

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Country of manufacture for this shipment
TAX_USER_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether someone overrode the default tax
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether the invoice for the shipment should be matched to the purchase order or the receipt
TAX_CODE_ID	NULL	NUMBER	Unique identifier for the tax code
CALCULATE_TAX_FLAG	NULL	VARCHAR2(1)	Indicator of whether tax needs to be calculated
CHANGE_PROMISED_DATE_REASON	NULL	VARCHAR2(240)	Reason for changing the promised-by date

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*Indexes*

Index Name	Index Type	Sequence	Column Name
PO_LINE_LOCATIONS_N1	NOT UNIQUE	1	PO_LINE_ID
PO_LINE_LOCATIONS_N2	NOT UNIQUE	1	PO_HEADER_ID
		2	PO_LINE_ID
PO_LINE_LOCATIONS_N3	NOT UNIQUE	1	SHIP_TO_LOCATION_ID
PO_LINE_LOCATIONS_N4	NOT UNIQUE	1	PROMISED_DATE
PO_LINE_LOCATIONS_N5	NOT UNIQUE	1	PO_RELEASE_ID
PO_LINE_LOCATIONS_N6	NOT UNIQUE	1	CLOSED_BY
PO_LINE_LOCATIONS_N7	NOT UNIQUE	1	CANCELLED_BY
PO_LINE_LOCATIONS_N8	NOT UNIQUE	1	SOURCE_SHIPMENT_ID
PO_LINE_LOCATIONS_N9	NOT UNIQUE	5	FROM_LINE_LOCATION_ID
PO_LINE_LOCATIONS_U1	UNIQUE	1	LINE_LOCATION_ID

*Sequences*

Sequence	Derived Column
PO_LINE_LOCATIONS_S	LINE_LOCATION_ID

## PO\_LINE\_TYPES\_B

PO\_LINE\_TYPES\_B contains information about the line types you use in your business. You need each row for each line type you use.

Oracle Purchasing uses this information to provide default information when you create a document line using a line type. Oracle Purchasing also uses this information to control how you enter information on your document lines according to the line type you choose.

ORDER\_TYPE\_LOOKUP\_CODE is 'AMOUNT' for an amount-based line type or 'QUANTITY' for a quantity-based line type.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ORDER_TYPE_LOOKUP_CODE	ORDER TYPE	PO_LOOKUP_CODES
	AMOUNT	Document Lines you order by Amount
	QUANTITY	Document Lines you order by Quantity

### Column Descriptions

Name	Null?	Type	Description
LINE_TYPE_ID (PK)	NOT NULL	NUMBER	Line type unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
ORDER_TYPE_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Type of order line
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CATEGORY_ID	NULL	NUMBER	Item class
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Default unit of measure
UNIT_PRICE	NULL	NUMBER	Default unit price
RECEIVING_FLAG	NULL	VARCHAR2(1)	Default receipt required flag
INACTIVE_DATE	NULL	DATE	Inactive date for record
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
OUTSIDE_OPERATION_FLAG	NULL	VARCHAR2(1)	Indicates whether the line type is an outside operation or not
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
RECEIVE_CLOSE_TOLERANCE	NULL	NUMBER	Receive close tolerance

Indexes

Index Name	Index Type	Sequence	Column Name
PO_LINE_TYPES_B_U1	UNIQUE	1	LINE_TYPE_ID

Sequences

Sequence	Derived Column
PO_LINE_TYPES_S	LINE_TYPE_ID

## PO\_RELEASES\_ALL

PO\_RELEASES\_ALL contains information about blanket and planned purchase order releases. You need one row for each release you issue for a blanket or planned purchase order. Each row includes the buyer, date, release status, and release number. Each release must have at least one purchase order shipment (PO\_LINE\_LOCATIONS\_ALL). RELEASE\_NUM is the number you assign to the release.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PO_AGENTS	AGENT_ID	HOLD_BY
PO_AGENTS	AGENT_ID	AGENT_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Approved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Cancelled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still undergoing Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Rejected
	REQUIRES REAPPROVAL	The Document has been changed since it was Approved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Returned by a Buyer
	UNFROZEN	The Document is Not Frozen

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Ap- proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can- celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under- going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Re- jected
	REQUIRES REAPPROVAL	The Document has been changed since it was Ap- proved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Re- turned by a Buyer
	UNFROZEN	The Document is Not Frozen

Column Descriptions

Name	Null?	Type	Description
PO_RELEASE_ID (PK)	NOT NULL	NUMBER	Release unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
RELEASE_NUM	NOT NULL	NUMBER	Release number
AGENT_ID	NOT NULL	NUMBER(9)	Buyer unique identifier
RELEASE_DATE	NOT NULL	DATE	Date of the release
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
REVISION_NUM	NULL	NUMBER	Release revision number
REVISED_DATE	NULL	DATE	Last revision date
APPROVED_FLAG	NULL	VARCHAR2(1)	Indicates whether the release is approved or not
APPROVED_DATE	NULL	DATE	Date the release was approved
PRINT_COUNT	NULL	NUMBER	Number of times the release was printed
PRINTED_DATE	NULL	DATE	Date the release was printed

Column Descriptions (Continued)

Name	Null?	Type	Description
ACCEPTANCE_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether an acceptance is required or not
ACCEPTANCE_DUE_DATE	NULL	DATE	Date the acceptance is due
HOLD_BY	NULL	NUMBER(9)	Unique identifier of the employee who placed the release on hold (Unused since release version 8.0)
HOLD_DATE	NULL	DATE	Date the release was placed on hold (Unused since release version 8.0)
HOLD_REASON	NULL	VARCHAR2(240)	Reason the release was placed on hold (Unused since release version 8.0)
HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether the release is on hold or not
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the release is cancelled or not
CANCELLED_BY	NULL	NUMBER(9)	Unique identifier of the employee who cancelled the release
CANCEL_DATE	NULL	DATE	Date the release was cancelled
CANCEL_REASON	NULL	VARCHAR2(240)	Reason for cancellation
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	Firm status
FIRM_DATE	NULL	DATE	Date the release becomes firmed
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
AUTHORIZATION_STATUS	NULL	VARCHAR2(25)	Authorization status of the release
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
CLOSED_CODE	NULL	VARCHAR2(25)	Describes the closure status of the release
FROZEN_FLAG	NULL	VARCHAR2(1)	Indicates whether the release is frozen or not
RELEASE_TYPE	NULL	VARCHAR2(25)	Describes whether release is for a blanket or planned purchase order
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Note to the supplier

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORG_ID	NULL	NUMBER	Operating unit unique identifier
EDI_PROCESSED_FLAG	NULL	VARCHAR2(1)	This flag is used by e-Commerce Gateway to identify documents that have been sent via EDI. This flag is updated to Y by the e-Commerce Gateway extraction routines.
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Approval workflow item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Approval workflow item key
PCARD_ID	NULL	NUMBER(15)	Unique identifier for the procurement card used for the order
PAY_ON_CODE	NULL	VARCHAR2(25)	Indicator of whether the release will be paid upon receipt

*Indexes*

Index Name	Index Type	Sequence	Column Name
PO_RELEASES_N1	NOT UNIQUE	1	AGENT_ID
PO_RELEASES_N2	NOT UNIQUE	1	WF_ITEM_TYPE
		2	WF_ITEM_KEY
PO_RELEASES_U1	UNIQUE	1	PO_RELEASE_ID
PO_RELEASES_U2	UNIQUE	1	PO_HEADER_ID
		2	RELEASE_NUM

*Sequences*

Sequence	Derived Column
PO_RELEASES_S	PO_RELEASE_ID



## PO\_REQUISITION\_HEADERS\_ALL

PO\_REQUISITION\_HEADERS\_ALL stores information about requisition headers. You need one row for each requisition header you create. Each row contains the requisition number, preparer, status, and description.

REQUISITION\_HEADER\_ID is the unique system-generated requisition number. REQUISITION\_HEADER\_ID is invisible to the user. SEGMENT1 is the number you use to identify the requisition in forms and reports. Oracle Purchasing generates SEGMENT1 using the PO\_UNIQUE\_IDENTIFIER\_CONTROL table if you choose to let Oracle Purchasing generate requisition numbers for you.

PO\_REQUISITION\_HEADERS\_ALL is one of three tables storing requisition information. PO\_REQUISITION\_HEADERS\_ALL corresponds to the Header region of the Requisitions window.

SEGMENT1 provides unique values for each row in the table in addition to REQUISITION\_HEADER\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PO_REQUISITIONS_INTERFACE_ALL	INTERFACE_SOURCE_CODE	INTERFACE_SOURCE_CODE
PO_REQUISITIONS_INTERFACE_ALL	INTERFACE_SOURCE_LINE_ID	INTERFACE_SOURCE_LINE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	AUTHORIZATION STATUS	PO_LOOKUP_CODES
	APPROVED	Document has been Approved
	CANCELLED	Document has been Cancelled
	IN PROCESS	Document is still undergoing Approval
	INCOMPLETE	Document is not yet Complete
	PRE-APPROVED	Document is Approved but not yet Accepted
	REJECTED	Document as been Rejected
	REQUIRES REAPPROVAL	Requires Reapproval
	RETURNED	Document has been Returned
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Approved
	AWAITING PRINTING	The Document is Awaiting Printing

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# *QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
	CANCELLED	The Document has been Cancelled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still undergoing Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Rejected
	REQUIRES REAPPROVAL	The Document has been changed since it was Approved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Returned by a Buyer
	UNFROZEN	The Document is Not Frozen
TYPE_LOOKUP_CODE	DOCUMENT TYPE	PO_LOOKUP_CODES
	PA	Purchase Agreement
	PO	Purchase Order
	QUOTATION	Quotation
	RELEASE	Purchase Order Release
	REQUISITION	Requisition
	RFQ	Request for Quotation

## *Column Descriptions*

Name	Null?	Type	Description
REQUISITION_HEADER_ID (PK)	NOT NULL	NUMBER	Requisition header unique identifier
PREPARER_ID	NOT NULL	NUMBER(9)	Unique identifier of the employee who prepared the requisition
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
SEGMENT1	NOT NULL	VARCHAR2(20)	Requisition number
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield enabled flag
SEGMENT2	NUL	VARCHAR2(20)	Key flexfield segment column
SEGMENT3	NUL	VARCHAR2(20)	Key flexfield segment column
SEGMENT4	NUL	VARCHAR2(20)	Key flexfield segment column
SEGMENT5	NUL	VARCHAR2(20)	Key flexfield segment column
START_DATE_ACTIVE	NUL	DATE	Key flexfield start date
END_DATE_ACTIVE	NUL	DATE	Key flexfield end date
LAST_UPDATE_LOGIN	NUL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description for requisition
AUTHORIZATION_STATUS	NULL	VARCHAR2(25)	Authorization status type
NOTE_TO_AUTHORIZER	NULL	VARCHAR2(240)	Note to approver (Unused since release 8.0)
TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Requisition type
TRANSFERRED_TO_OE_FLAG	NULL	VARCHAR2(1)	Indicates whether an internal requisition has been transferred to Order Management
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
ON_LINE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PRELIMINARY_RESEARCH_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
RESEARCH_COMPLETE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PREPARER_FINISHED_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PREPARER_FINISHED_DATE	NULL	DATE	Unused since release 7.0
AGENT_RETURN_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
AGENT_RETURN_NOTE	NULL	VARCHAR2(240)	Unused since release 7.0
CANCEL_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
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
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(25)	Source of requisition from Requisition Import
INTERFACE_SOURCE_LINE_ID	NULL	NUMBER	Source requisition line identifier from Requisition Import
CLOSED_CODE	NULL	VARCHAR2(25)	Close status
ORG_ID	NULL	NUMBER	Operating unit unique identifier
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Approval workflow item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Approval workflow item key
EMERGENCY_PO_NUM	NULL	VARCHAR2(20)	Purchase order number reserved in advance for an emergency requisition

PCARD_ID	NULL	NUMBER(15)	Unique dentifer for procurement card used for the order
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
APPS_SOURCE_CODE	NULL	VARCHAR2(25)	Application source code, indicating the creation method for the requisition

*Indexes*

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_HEADERS_N1	NOT UNIQUE	1	PREPARER_ID
PO_REQUISITION_HEADERS_N2	NOT UNIQUE	1	CREATION_DATE
PO_REQUISITION_HEADERS_N3	NOT UNIQUE	1	AUTHORIZATION_STATUS
PO_REQUISITION_HEADERS_N4	NOT UNIQUE	1	TRANSFERRED_TO_OE_FLAG
PO_REQUISITION_HEADERS_N5	NOT UNIQUE	1	WF_ITEM_TYPE
		2	WF_ITEM_KEY
PO_REQUISITION_HEADERS_U1	UNIQUE	1	REQUISITION_HEADER_ID
PO_REQUISITION_HEADERS_U2	UNIQUE	1	SEGMENT1
		2	ORG_ID

*Sequences*

Sequence	Derived Column
PO_REQUISITION_HEADERS_S	REQUISITION_HEADER_ID

## PO\_REQUISITION\_LINES\_ALL

PO\_REQUISITION\_LINES stores information about requisition lines. You need one row for each requisition line you create. Each row contains the line number, item number, item category, item description, need-by date, deliver-to location, item quantities, units, prices, requestor, notes, and suggested supplier information for the requisition line.

LINE\_LOCATION\_ID identifies the purchase order shipment line on which you placed the requisition. LINE\_LOCATION\_ID is null if you have not placed the requisition line on a purchase order.

BLANKET\_PO\_HEADER\_ID and BLANKET\_PO\_LINE\_NUM store the suggested blanket purchase agreement or catalog quotation line information for the requisition line. PARENT\_REQ\_LINE\_ID contains the REQUISITION\_LINE\_ID from the original requisition line if you exploded or multisourced this requisition line.

PO\_REQUISITION\_LINES is one of three tables storing requisition information. This table corresponds to the Lines region of the Requisitions window.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	TAX_ID	TAX_CODE_ID
BOM_RESOURCES	RESOURCE_ID	BOM_RESOURCE_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_RATES_R10	CONVERSION_DATE	RATE_DATE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_REVISIONS	REVISION	ITEM_REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SOURCE_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	DESTINATION_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_MEAS_LOOKUP_CODE
MTL_UOM_CLASSES_TL	UOM_CLASS	UNIT_OF_MEASURE_CLASS
PO_AGENTS	AGENT_ID	SUGGESTED_BUYER_ID
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_TYPE_CODE	DOCUMENT_TYPE_CODE
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID
PO_HEADERS_ALL	PO_HEADER_ID	BLANKET_PO_HEADER_ID
PO_LINES_ALL	LINE_NUM	BLANKET_PO_LINE_NUM
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	LINE_LOCATION_ID
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID
PO_REQUISITION_HEADERS_ALL	REQUISITION_HEADER_ID	REQUISITION_HEADER_ID

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# Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	PARENT_REQ_LINE_ID
PO_UN_NUMBERS_B	UN_NUMBER_ID	UN_NUMBER_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_CONTACTS	VENDOR_CONTACT_ID	VENDOR_CONTACT_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	WIP_LINE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID

# QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Ap- proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can- celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under- going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Re- jected
	REQUIRES REAPPROVAL	The Document has been changed since it was Ap- proved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Re- turned by a Buyer
	UNFROZEN	The Document is Not Frozen
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon delivery
DOCUMENT_TYPE_CODE	SOURCE DOCUMENT TYPE	PO_LOOKUP_CODES
	BLANKET	Blanket Purchase Order
	QUOTATION	Quotation

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
SOURCE_TYPE_CODE	REQUISITION SOURCE TYPE INVENTORY VENDOR	PO_LOOKUP_CODES Inventory Sourced Requisition Vendor Sourced Requisition

Column Descriptions

Name	Null?	Type	Description
REQUISITION_LINE_ID (PK)	NOT NULL	NUMBER	Requisition line unique identifier
REQUISITION_HEADER_ID	NOT NULL	NUMBER	Requisition header unique identifier
LINE_NUM	NOT NULL	NUMBER	Line number
LINE_TYPE_ID	NOT NULL	NUMBER	Line type
CATEGORY_ID	NOT NULL	NUMBER	Item category unique identifier
ITEM_DESCRIPTION	NOT NULL	VARCHAR2(240)	Item description
UNIT_MEAS_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Unit of measure
UNIT_PRICE	NOT NULL	NUMBER	Unit price in functional currency
QUANTITY	NOT NULL	NUMBER	Quantity ordered
DELIVER_TO_LOCATION_ID	NOT NULL	NUMBER	Deliver-to location unique identifier
TO_PERSON_ID	NOT NULL	NUMBER(9)	Requestor unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(25)	Requisition source type of item
LAST_UPDATE_LOGIN	NUL	NUMBER	Standard Who column
CREATION_DATE	NUL	DATE	Standard Who column
CREATED_BY	NUL	NUMBER	Standard Who column
ITEM_ID	NUL	NUMBER	Item unique identifier
ITEM_REVISION	NUL	VARCHAR2(3)	Item revision
QUANTITY_DELIVERED	NUL	NUMBER	Quantity delivered to date
SUGGESTED_BUYER_ID	NUL	NUMBER(9)	Suggested buyer unique identifier
ENCUMBERED_FLAG	NUL	VARCHAR2(1)	Indicates whether the distribution is encumbered. When encumbrance is not enabled, this column will be used as an internal flag.
RFQ_REQUIRED_FLAG	NUL	VARCHAR2(1)	Indicates whether an RFQ is required prior to placement on a purchase order
NEED_BY_DATE	NUL	DATE	Date the requisition is needed internally
LINE_LOCATION_ID	NUL	NUMBER	Document shipment schedule unique identifier
MODIFIED_BY_AGENT_FLAG	NUL	VARCHAR2(1)	Indicates whether a buyer modified this line or not
PARENT_REQ_LINE_ID	NUL	NUMBER	Unique identifier of the parent requisition line for a modified requisition line
JUSTIFICATION	NUL	VARCHAR2(240)	Purchase justification
NOTE_TO_AGENT	NUL	VARCHAR2(240)	Note to buyer
NOTE_TO_RECEIVER	NUL	VARCHAR2(240)	Note to deliverer
PURCHASING_AGENT_ID	NUL	NUMBER(9)	Unique identifier of the buyer who modified the requisition line

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DOCUMENT_TYPE_CODE	NULL	VARCHAR2(25)	Source document type
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
BLANKET_PO_HEADER_ID	NULL	NUMBER	Suggested source blanket agreement or catalog quotation header unique identifier
BLANKET_PO_LINE_NUM	NULL	NUMBER	Suggested source blanket agreement or catalog quotation line number
CURRENCY_CODE	NULL	VARCHAR2(15)	Unique identifier for the currency
RATE_TYPE	NULL	VARCHAR2(30)	Currency conversion rate type
RATE_DATE	NULL	DATE	Currency conversion rate date
RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_UNIT_PRICE	NULL	NUMBER	Foreign currency unit price
SUGGESTED_VENDOR_NAME	NULL	VARCHAR2(80)	Suggested supplier name
SUGGESTED_VENDOR_LOCATION	NULL	VARCHAR2(240)	Suggested supplier site name
SUGGESTED_VENDOR_CONTACT	NULL	VARCHAR2(80)	Suggested supplier contact name
SUGGESTED_VENDOR_PHONE	NULL	VARCHAR2(20)	Suggested supplier phone number
SUGGESTED_VENDOR_PRODUCT_CODE	NULL	VARCHAR2(25)	Suggested supplier product number
UN_NUMBER_ID	NULL	NUMBER	UN number unique identifier
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
MUST_USE_SUGG_VENDOR_FLAG	NULL	VARCHAR2(1)	Unused since release 8.0
REFERENCE_NUM	NULL	VARCHAR2(25)	Reference number
ON_RFQ_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition line was placed on an RFQ
URGENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition is urgent or not
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition is cancelled or not
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Inventory source organization unique identifier
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Inventory source subinventory name
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destination type
DESTINATION_ORGANIZATION_ID	NULL	NUMBER	Destination organization unique identifier
DESTINATION_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory name
QUANTITY_CANCELLED	NULL	NUMBER	Quantity cancelled
CANCEL_DATE	NULL	DATE	Cancel date
CANCEL_REASON	NULL	VARCHAR2(240)	Cancel reason
CLOSED_CODE	NULL	VARCHAR2(25)	Close status
AGENT_RETURN_NOTE	NULL	VARCHAR2(240)	Unused since release 7.0
CHANGED_AFTER_RESEARCH_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site unique identifier
VENDOR_CONTACT_ID	NULL	NUMBER	Supplier contact unique identifier
RESEARCH_AGENT_ID	NULL	NUMBER(9)	Unused since release 7.0
ON_LINE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier

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WIP_REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
WIP_OPERATION_SEQ_NUM	NULL	NUMBER	WIP operation sequence number within a routing
WIP_RESOURCE_SEQ_NUM	NULL	NUMBER	WIP resource sequence number
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment

*Column Descriptions (Continued)*

Name	Null?	Type	Description
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Destination descriptive flexfield context column
INVENTORY_SOURCE_CONTEXT	NULL	VARCHAR2(30)	Inventory source descriptive flexfield context column
VENDOR_SOURCE_CONTEXT	NULL	VARCHAR2(30)	Supplier source descriptive flexfield context column
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
BOM_RESOURCE_ID	NULL	NUMBER	BOM resource unique identifier
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
CLOSED_REASON	NULL	VARCHAR2(240)	Close reason
CLOSED_DATE	NULL	DATE	Close date
TRANSACTION_REASON_CODE	NULL	VARCHAR2(25)	Transaction reason
QUANTITY_RECEIVED	NULL	NUMBER	Quantity received
SOURCE_REQ_LINE_ID	NULL	NUMBER	Source requisition line identifier
ORG_ID	NULL	NUMBER	Operating unit unique identifier
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality

GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality

*Column Descriptions (Continued)*

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
KANBAN_CARD_ID	NULL	NUMBER	Primary key for the Kanban Card
CATALOG_TYPE	NULL	VARCHAR2(30)	Catalog type
CATALOG_SOURCE	NULL	VARCHAR2(30)	Catalog source
MANUFACTURER_ID	NULL	NUMBER	Manufacturer unique identifier
MANUFACTURER_NAME	NULL	VARCHAR2(30)	Manufacturer name
MANUFACTURER_PART_NUMBER	NULL	VARCHAR2(30)	Manufacturer part number
REQUESTER_EMAIL	NULL	VARCHAR2(240)	Requester e-mail address
REQUESTER_FAX	NULL	VARCHAR2(60)	Requester facsimile number
REQUESTER_PHONE	NULL	VARCHAR2(60)	Requester phone number
UNSPSC_CODE	NULL	VARCHAR2(30)	Standard Product and Service Code
OTHER_CATEGORY_CODE	NULL	VARCHAR2(30)	Other category code
SUPPLIER_DUNS	NULL	VARCHAR2(30)	Data Universal Numbering System Code
TAX_STATUS_INDICATOR	NULL	VARCHAR2(30)	Tax status
PCARD_FLAG	NULL	VARCHAR2(1)	Indicator that this line is ordered using a procurement card
NEW_SUPPLIER_FLAG	NULL	VARCHAR2(1)	Indicator that this is a new supplier
AUTO_RECEIVE_FLAG	NULL	VARCHAR2(1)	Allow auto-receiving
TAX_USER_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether someone overrode the default tax
TAX_CODE_ID	NULL	NUMBER	Unique identifier for the tax code
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Note to supplier

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### Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_LINES_N1	NOT UNIQUE	1	LINE_LOCATION_ID
PO_REQUISITION_LINES_N2	NOT UNIQUE	1	CATEGORY_ID
PO_REQUISITION_LINES_N3	NOT UNIQUE	1	NEED_BY_DATE
PO_REQUISITION_LINES_N4	NOT UNIQUE	1	TO_PERSON_ID
PO_REQUISITION_LINES_N5	NOT UNIQUE	1	SUGGESTED_VENDOR_NAME
PO_REQUISITION_LINES_N6	NOT UNIQUE	1	SUGGESTED_BUYER_ID
PO_REQUISITION_LINES_N7	NOT UNIQUE	1	ITEM_ID

### Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_LINES_N8	NOT UNIQUE	1	BLANKET_PO_HEADER_ID
PO_REQUISITION_LINES_N9	NOT UNIQUE	2	WIP_ENTITY_ID
		4	WIP_OPERATION_SEQ_NUM
		6	WIP_RESOURCE_SEQ_NUM
		8	DESTINATION_ORGANIZATION_ID
		10	WIP_REPETITIVE_SCHEDULE_ID
PO_REQUISITION_LINES_U1	UNIQUE	1	REQUISITION_LINE_ID
PO_REQUISITION_LINES_U2	UNIQUE	1	REQUISITION_HEADER_ID
		2	LINE_NUM

### Sequences

Sequence	Derived Column
PO_REQUISITION_LINES_S	REQUISITION_LINE_ID

### Database Triggers

Trigger Name : JL\_BR\_PO\_IMPORT\_REQUISITIONS  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT

This trigger is executed on insert of a row in PO\_REQUISITION\_LINES\_ALL when TRANSACTION\_REASON\_CODE is null. TRANSACTION\_REASON\_CODE is populated from the inventory item, if available, or from PO\_SYSTEM\_PARAMETERS. This is done only if the country is Brazil (country\_code = 'BR') and the Latin America Localizations for Brazil (product\_code = 'JL') is installed. For Brazilian PO localizations, TRANSACTION\_REASON\_CODE is a required field. In all other cases, this trigger does nothing. new.transaction\_reason\_code is null

## PO\_REQ\_DISTRIBUTIONS\_ALL

PO\_REQ\_DISTRIBUTIONS\_ALL stores information about the accounting distributions associated with each requisition line. Each requisition line must have at least one accounting distribution. You need one row for each requisition distribution you create. Each row includes the Accounting Flexfield ID and requisition line quantity.

PO\_REQ\_DISTRIBUTIONS\_ALL is one of three tables storing your requisition information. This table corresponds to the requisition Distributions window, accessible through the Requisitions window.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	BUDGET_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCRUAL_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	VARIANCE_ACCOUNT_ID
GL_PERIODS	PERIOD_NAME	GL_ENCUMBERED_PERIOD_NAME
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQUISITION_LINE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	DISTRIBUTION_ID

### Column Descriptions

Name	Null?	Type	Description
DISTRIBUTION_ID (PK)	NOT NULL	NUMBER	Requisition distribution unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
REQUISITION_LINE_ID	NOT NULL	NUMBER	Requisition line unique identifier
SET_OF_BOOKS_ID	NOT NULL	NUMBER	Set of Books unique identifier
CODE_COMBINATION_ID	NOT NULL	NUMBER	Unique identifier for the General Ledger charge account
REQ_LINE_QUANTITY	NOT NULL	NUMBER	Quantity for the distribution
LAST_UPDATE_LOGIN	NUL	NUMBER	Standard Who column
CREATION_DATE	NUL	DATE	Standard Who column
CREATED_BY	NUL	NUMBER	Standard Who column
ENCUMBERED_FLAG	NUL	VARCHAR2(1)	Indicates whether the distribution is encumbered or not
GL_ENCUMBERED_DATE	NUL	DATE	Date the distribution was encumbered
GL_ENCUMBERED_PERIOD_NAME	NUL	VARCHAR2(15)	Period in which the distribution was encumbered

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Column Descriptions (Continued)

Name	Null?	Type	Description
GL_CANCELLED_DATE	NULL	DATE	Date the distribution was cancelled
FAILED_FUNDS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of approval failure for the distribution
ENCUMBERED_AMOUNT	NULL	NUMBER	Encumbered amount for distribution
BUDGET_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger budget account
ACCRUAL_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger accrual account
VARIANCE_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger variance account
PREVENT_ENCUMBRANCE_FLAG	NULL	VARCHAR2(1)	Indicates whether the distribution requires encumbrance or not
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
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PROJECT_ID	NULL	NUMBER	Project accounting project unique identifier
TASK_ID	NULL	NUMBER	Project accounting task unique identifier
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Project Manufacturing end item unit number
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Project accounting expenditure type
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Project accounting descriptive flexfield context column
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER	Project accounting expenditure organization unique identifier
GL_CLOSED_DATE	NULL	DATE	Date the distribution was final-closed
SOURCE_REQ_DISTRIBUTION_ID	NULL	NUMBER	Distribution unique identifier that indicates whether the distribution is encumbered when it is cancelled
DISTRIBUTION_NUM	NOT NULL	NUMBER	Distribution number

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Column Descriptions (Continued)

Name	Null?	Type	Description
ALLOCATION_TYPE	NULL	VARCHAR2(25)	Method of allocation across distributions. Can be PERCENT.
ALLOCATION_VALUE	NULL	NUMBER	Allocation split value
PROJECT_RELATED_FLAG	NULL	VARCHAR2(1)	Indicates whether the distribution is project related
EXPENDITURE_ITEM_DATE	NULL	DATE	Project accounting expenditure item date
ORG_ID	NULL	NUMBER	Operating unit unique identifier
AWARD_ID	NULL	NUMBER(15)	Award identifier
RECOVERABLE_TAX	NULL	NUMBER	Recoverable tax amount
NONRECOVERABLE_TAX	NULL	NUMBER	Nonrecoverable tax amount
RECOVERY_RATE	NULL	NUMBER	Percentage of tax that can be recovered
TAX_RECOVERY_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether tax recovery should be used

Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQ_DISTRIBUTIONS_N1	NOT UNIQUE	1	REQUISITION_LINE_ID
PO_REQ_DISTRIBUTIONS_N2	NOT UNIQUE	1	GL_ENCUMBERED_DATE
PO_REQ_DISTRIBUTIONS_N3	NOT UNIQUE	1	SOURCE_REQ_DISTRIBUTION_ID
PO_REQ_DISTRIBUTIONS_N4	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
PO_REQ_DISTRIBUTIONS_N5	NOT UNIQUE	1	BUDGET_ACCOUNT_ID
PO_REQ_DISTRIBUTIONS_U1	UNIQUE	1	DISTRIBUTION_ID

Sequences

Sequence	Derived Column
PO_REQ_DISTRIBUTIONS_S	DISTRIBUTION_ID

## PO\_VENDORS

PO\_VENDORS stores information about your suppliers. You need one row for each supplier you define. Each row includes the supplier name as well as purchasing, receiving, payment, accounting, tax, classification, and general information. Oracle Purchasing uses this information to determine active suppliers. VENDOR\_ID is the unique system-generated receipt header number invisible to the user. SEGMENT1 is the system-generated or manually assigned number you use to identify the supplier in forms and reports. Oracle Purchasing generates SEGMENT1 using the PO\_UNIQUE\_IDENTIFIER\_CONTROL table if you choose to let Oracle Purchasing generate supplier numbers for you. This table is one of three tables that store supplier information. PO\_VENDORS corresponds to the Suppliers window.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_DISTRIBUTION_SETS_ALL	DISTRIBUTION_SET_ID	DISTRIBUTION_SET_ID
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PAYMENT_CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCTS_PAY_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISC_LOST_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISC_TAKEN_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PREPAY_CODE_COMBINATION_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_AGENTS	AGENT_ID	HOLD_BY
PO_VENDORS	VENDOR_ID	PARENT_VENDOR_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CREDIT_STATUS_LOOKUP_CODE	CREDIT STATUS	PO_LOOKUP_CODES
	GOOD	Good credit status
	POOR	Bad credit status
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
ORGANIZATION_TYPE_LOOKUP_CODE	ORGANIZATION TYPE	PO_LOOKUP_CODES
	CORPORATION	Corporation
	FOREIGN CORPORATION	Foreign Corporation
	FOREIGN GOVERNMENT AGENCY	Foreign Government Agency
	FOREIGN INDIVIDUAL	Foreign Individual
	FOREIGN PARTNERSHIP	Foreign Partnership
	GOVERNMENT AGENCY	Government Agency
	INDIVIDUAL	Individual
PAYMENT_METHOD_LOOKUP_CODE	PARTNERSHIP	Partnership
	PAYMENT METHOD	AP_LOOKUP_CODES

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*QuickCodes Columns (Continued)*

Column	QuickCodes Type	QuickCodes Table
PAY_DATE_BASIS_LOOKUP_CODE	PAY DATE BASIS	PO_LOOKUP_CODES
	DISCOUNT	Pay on Discount Date
	DUE	Pay on Due Date
QTY_RCV_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
RECEIPT_DAYS_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
VENDOR_TYPE_LOOKUP_CODE	VENDOR TYPE	PO_LOOKUP_CODES
	EMPLOYEE	Employee
	VENDOR	Vendor
WITHHOLDING_STATUS_LOOKUP_CODE	WITHHOLDING STATUS	PO_LOOKUP_CODES
	EXEMPT	Supplier is not subject to withholding
	INCORRECT TIN	IRS informs of incorrect TIN. Begin withholding in 30 days.
	IRS WITHHOLD	IRS requests immediate withholding
	MISSING TIN	Begin withholding immediately
	WAIT 60 DAYS	Wait for 60 days for supplier to send TIN, then withhold
	WAIT INDEFINITELY	Wait for TIN, but do not begin withholding

*Column Descriptions*

Name	Null?	Type	Description
VENDOR_ID (PK)	NOT NULL	NUMBER	Supplier unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
VENDOR_NAME	NOT NULL	VARCHAR2(80)	Supplier name
VENDOR_NAME_ALT	NULL	VARCHAR2(320)	Alternate supplier name for kana value
SEGMENT1	NOT NULL	VARCHAR2(30)	Supplier number
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag
SEGMENT2	NULL	VARCHAR2(30)	Key flexfield summary flag
SEGMENT3	NULL	VARCHAR2(30)	Key flexfield summary flag
SEGMENT4	NULL	VARCHAR2(30)	Key flexfield summary flag
SEGMENT5	NULL	VARCHAR2(30)	Key flexfield summary flag
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
EMPLOYEE_ID	NULL	NUMBER	Employee unique identifier if the supplier is an employee
VENDOR_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Supplier type

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Column Descriptions (Continued)

Name	Null?	Type	Description
CUSTOMER_NUM	NULL	VARCHAR2(25)	Customer number with the supplier
ONE_TIME_FLAG	NULL	VARCHAR2(1)	Indicates whether the supplier is a one-time supplier
PARENT_VENDOR_ID	NULL	NUMBER	Unique identifier of the parent supplier
MIN_ORDER_AMOUNT	NULL	NUMBER	Minimum purchase order amount
SHIP_TO_LOCATION_ID	NULL	NUMBER	Default ship-to location unique identifier
BILL_TO_LOCATION_ID	NULL	NUMBER	Default bill-to location unique identifier
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Default carrier type
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Default freight terms type
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Default free-on-board type
TERMS_ID	NULL	NUMBER	Payment terms unique identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books unique identifier
CREDIT_STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	No longer used
CREDIT_LIMIT	NULL	NUMBER	Not used
ALWAYS_TAKE_DISC_FLAG	NULL	VARCHAR2(1)	Indicator of whether Oracle Payables should always take a discount for the supplier
PAY_DATE_BASIS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of payment date basis
PAY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Payment group type
PAYMENT_PRIORITY	NULL	NUMBER	Payment priority
INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Default currency unique identifier
PAYMENT_CURRENCY_CODE	NULL	VARCHAR2(15)	Default payment currency unique identifier
INVOICE_AMOUNT_LIMIT	NULL	NUMBER	Maximum amount per invoice
EXCHANGE_DATE_LOOKUP_CODE	NULL	VARCHAR2(25)	No longer used
HOLD_ALL_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place all payments for this supplier on hold or not
HOLD_FUTURE_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place upapproved payments for this supplier on hold or not
HOLD_REASON	NULL	VARCHAR2(240)	Reason for placing the supplier on payment hold
DISTRIBUTION_SET_ID	NULL	NUMBER	Distribution set unique identifier
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the supplier liability account
DISC_LOST_CODE_COMBINATION_ID	NULL	NUMBER	No longer used
DISC_TAKEN_CODE_COMBINATION_ID	NULL	NUMBER	No longer used
EXPENSE_CODE_COMBINATION_ID	NULL	NUMBER	Not used
PREPAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the general ledger account for prepayment
NUM_1099	NULL	VARCHAR2(30)	Tax identification number
TYPE_1099	NULL	VARCHAR2(10)	Type of 1099
WITHHOLDING_STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	Withholding status type
WITHHOLDING_START_DATE	NULL	DATE	Withholding start date
ORGANIZATION_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	IRS organization type
VAT_CODE	NULL	VARCHAR2(15)	VAT code
START_DATE_ACTIVE	NULL	DATE	Key flexfield start date
END_DATE_ACTIVE	NULL	DATE	Key flexfield end date

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MINORITY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of minority-owned business
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Column Descriptions (Continued)

Name	Null?	Type	Description
PAYMENT_METHOD_LOOKUP_CODE	NULL	VARCHAR2(25)	Default payment method type
BANK_ACCOUNT_NAME	NULL	VARCHAR2(80)	Name of the supplier bank account
BANK_ACCOUNT_NUM	NULL	VARCHAR2(30)	Number of the supplier bank account
BANK_NUM	NULL	VARCHAR2(25)	Bank number for the supplier
BANK_ACCOUNT_TYPE	NULL	VARCHAR2(25)	Type of bank account
WOMEN_OWNED_FLAG	NULL	VARCHAR2(1)	Indicates whether the supplier is a woman-owned business
SMALL_BUSINESS_FLAG	NULL	VARCHAR2(1)	Indicates that the supplier is a small business
STANDARD_INDUSTRY_CLASS	NULL	VARCHAR2(25)	Standard industry classification number
HOLD_FLAG	NULL	VARCHAR2(1)	Indicator of whether the supplier is on purchasing hold
PURCHASING_HOLD_REASON	NULL	VARCHAR2(240)	Reason for placing the supplier on purchasing hold
HOLD_BY	NULL	NUMBER(9)	Unique identifier for the employee who placed the supplier on hold
HOLD_DATE	NULL	DATE	Date the supplier was placed on purchasing hold
TERMS_DATE_BASIS	NULL	VARCHAR2(25)	Type of invoice payment schedule basis
PRICE_TOLERANCE	NULL	NUMBER	Not used
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether inspection is required or not
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether shipment must be received before the invoice is paid
QTY_RCV_TOLERANCE	NULL	NUMBER	Quantity received tolerance percentage
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Enforces, warns, or ignores quantity receiving tolerance
ENFORCE_SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(25)	Action to be taken when the receiving location differs from the ship-to location
DAYS_EARLY_RECEIPT_ALLOWED	NULL	NUMBER	Maximum acceptable number of days items can be received early
DAYS_LATE_RECEIPT_ALLOWED	NULL	NUMBER	Maximum acceptable number of days items can be received late
RECEIPT_DAYS_EXCEPTION_CODE	NULL	VARCHAR2(25)	Action to be taken when items are received earlier or later than the allowed number of days specified
RECEIVING_ROUTING_ID	NULL	NUMBER	Receipt routing unique identifier
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Indicates whether substitute items can be received in place of the ordered items
ALLOW_UNORDERED_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Indicates whether unordered receipts are allowed
HOLD_UNMATCHED_INVOICES_FLAG	NULL	VARCHAR2(1)	Indicates whether unmatched invoices should be put on hold
EXCLUSIVE_PAYMENT_FLAG	NULL	VARCHAR2(1)	Indicates exclusive payment

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AP_TAX_ROUNDING_RULE	NULL	VARCHAR2(1)	Determines the rounding rule for tax values
AUTO_TAX_CALC_FLAG	NULL	VARCHAR2(1)	Supplier level where the tax calculation is done

*Column Descriptions (Continued)*

Name	Null?	Type	Description
AUTO_TAX_CALC_OVERRIDE	NULL	VARCHAR2(1)	Allows override of tax calculation at supplier site level
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	Do amounts include tax from this supplier?
TAX_VERIFICATION_DATE	NULL	DATE	Tax verification date
NAME_CONTROL	NULL	VARCHAR2(4)	Name control
STATE_REPORTABLE_FLAG	NULL	VARCHAR2(1)	State reportable flag
FEDERAL_REPORTABLE_FLAG	NULL	VARCHAR2(1)	Federal reportable flag
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
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
OFFSET_VAT_CODE	NULL	VARCHAR2(20)	No longer used
VAT_REGISTRATION_NUM	NULL	VARCHAR2(20)	VAT registration number
AUTO_CALCULATE_INTEREST_FLAG	NULL	VARCHAR2(1)	Indicates whether interest is to be automatically calculated
VALIDATION_NUMBER	NULL	NUMBER	Validation number
EXCLUDE_FREIGHT_FROM_DISCOUNT	NULL	VARCHAR2(1)	Exclude supplier freight from discount amount
TAX_REPORTING_NAME	NULL	VARCHAR2(80)	Tax reporting method name
CHECK_DIGITS	NULL	VARCHAR2(30)	Check number used by Payables
BANK_NUMBER	NULL	VARCHAR2(30)	Bank number for Accounts Payable
ALLOW_AWT_FLAG	NULL	VARCHAR2(1)	Indicator of whether Allow Withholding Tax is enabled
AWT_GROUP_ID	NULL	NUMBER(15)	Unique identifier for the withholding tax group
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality

GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality

*Column Descriptions (Continued)*

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
EDI_TRANSACTION_HANDLING	NULL	VARCHAR2(25)	Defines whether this supplier is an EDI partner
EDI_PAYMENT_METHOD	NULL	VARCHAR2(25)	How payment is to be made through EDI. Valid methods are ACH, BOP, CWT, FEW, FWT, and SWT.
EDI_PAYMENT_FORMAT	NULL	VARCHAR2(25)	Type of information being transmitted with the funds if using EDI_PAYMENT_METHOD ACH. Valid values are CCD, CCP, CTP, CTX, PPD, and PPP.
EDI_REMITTANCE_METHOD	NULL	VARCHAR2(25)	How remittance advice will be sent to the supplier
EDI_REMITTANCE_INSTRUCTION	NULL	VARCHAR2(256)	Who will send the remittance advice. Valid values are Bank or payables system.
BANK_CHARGE_BEARER	NULL	VARCHAR2(1)	Indicator of whether this supplier bears bank charges
BANK_BRANCH_TYPE	NULL	VARCHAR2(25)	Which list the bank routing number is on. Valid type are ABA, CHIPS, SWIFT and OTHER.
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether to match invoices to the purchase order or the receipt for this supplier

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FUTURE_DATED_PAYMENT_CCID	NULL	NUMBER(15)	Accounting Flexfield identifier for the future dated payment account
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(25)	Indicator of whether a debit memo should be created
OFFSET_TAX_FLAG	NULL	VARCHAR2(1)	Indicator of whether the supplier uses offset taxes

#### Indexes

Index Name	Index Type	Sequence	Column Name
PO_VENDORS_N1	NOT UNIQUE	1	EMPLOYEE_ID
PO_VENDORS_N2	NOT UNIQUE	1	NUM_1099
PO_VENDORS_U1	UNIQUE	1	VENDOR_ID
PO_VENDORS_U2	UNIQUE	1	VENDOR_NAME
PO_VENDORS_U3	UNIQUE	1	SEGMENT1

#### Sequences

Sequence	Derived Column
PO_VENDORS_S	VENDOR_ID

## PO\_VENDOR\_SITES\_ALL

PO\_VENDOR\_SITES\_ALL stores information about your supplier sites. You need a row for each supplier site you define. Each row includes the site address, supplier reference, purchasing, payment, bank, and general information. Oracle Purchasing uses this information to store supplier address information.

This table is one of three tables that store supplier information. PO\_VENDOR\_SITES\_ALL corresponds to the Sites region of the Suppliers window.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_DISTRIBUTION_SETS_ALL	DISTRIBUTION_SET_ID	DISTRIBUTION_SET_ID
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PAYMENT_CURRENCY_CODE
FND_USER	USER_ID	CREATED_BY
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCTS_PAY_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PREPAY_CODE_COMBINATION_ID
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_VENDORS	VENDOR_ID	VENDOR_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
PAYMENT_METHOD_LOOKUP_CODE	PAYMENT METHOD	AP_LOOKUP_CODES
PAY_DATE_BASIS_LOOKUP_CODE	PAY DATE BASIS DISCOUNT DUE	PO_LOOKUP_CODES Pay on Discount Date Pay on Due Date

### Column Descriptions

Name	Null?	Type	Description
VENDOR_SITE_ID (PK)	NOT NULL	NUMBER	Supplier site unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
VENDOR_ID	NOT NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_CODE	NOT NULL	VARCHAR2(15)	Site code name
VENDOR_SITE_CODE_ALT	NULL	VARCHAR2(320)	Alternate supplier site code for Kana Value
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
PURCHASING_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can purchase from this site

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Column Descriptions (Continued)

Name	Null?	Type	Description
RFQ_ONLY_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can only send RFQs to this site
PAY_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can send payments to this site
ATTENTION_AR_FLAG	NULL	VARCHAR2(1)	Indicates whether the payments should be sent to the Account Receivables department
ADDRESS_LINE1	NULL	VARCHAR2(35)	First line of supplier address
ADDRESS_LINES_ALT	NULL	VARCHAR2(560)	Alternate address line for Kana Value
ADDRESS_LINE2	NULL	VARCHAR2(35)	Second line of supplier address
ADDRESS_LINE3	NULL	VARCHAR2(35)	Third line of supplier address
CITY	NULL	VARCHAR2(25)	City name
STATE	NULL	VARCHAR2(25)	State name or abbreviation
ZIP	NULL	VARCHAR2(20)	Postal code
PROVINCE	NULL	VARCHAR2(25)	Province
COUNTRY	NULL	VARCHAR2(25)	Country name
AREA_CODE	NULL	VARCHAR2(10)	Area code
PHONE	NULL	VARCHAR2(15)	Phone number
CUSTOMER_NUM	NULL	VARCHAR2(25)	Customer number with the supplier site
SHIP_TO_LOCATION_ID	NULL	NUMBER	Default ship-to location unique identifier
BILL_TO_LOCATION_ID	NULL	NUMBER	Ship-to location unique identifier
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Default carrier type
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Default freight terms type
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Default free-on-board type
INACTIVE_DATE	NULL	DATE	Inactive date for record
FAX	NULL	VARCHAR2(15)	Customer site facsimile number
FAX_AREA_CODE	NULL	VARCHAR2(10)	Customer site
TELEX	NULL	VARCHAR2(15)	Telex number
PAYMENT_METHOD_LOOKUP_CODE	NULL	VARCHAR2(25)	Default payment method type
BANK_ACCOUNT_NAME	NULL	VARCHAR2(80)	Bank account name
BANK_ACCOUNT_NUM	NULL	VARCHAR2(30)	Bank account number
BANK_NUM	NULL	VARCHAR2(25)	Bank number
BANK_ACCOUNT_TYPE	NULL	VARCHAR2(25)	Bank account type
TERMS_DATE_BASIS	NULL	VARCHAR2(25)	Type of invoice payment schedule basis
CURRENT_CATALOG_NUM	NULL	VARCHAR2(20)	Not currently used
VAT_CODE	NULL	VARCHAR2(20)	Value-added tax code
DISTRIBUTION_SET_ID	NULL	NUMBER	Distribution set unique identifier
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the supplier liability account
PREPAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the general ledger account for prepayment
PAY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Payment group type
PAYMENT_PRIORITY	NULL	NUMBER	Payment priority
TERMS_ID	NULL	NUMBER	Payment terms unique identifier
INVOICE_AMOUNT_LIMIT	NULL	NUMBER	Maximum amount per invoice
PAY_DATE_BASIS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of payment date basis
ALWAYS_TAKE_DISC_FLAG	NULL	VARCHAR2(1)	Indicator of whether Oracle Payables should always take a discount for the supplier

INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Default currency unique identifier
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Column Descriptions (Continued)

Name	Null?	Type	Description
PAYMENT_CURRENCY_CODE	NULL	VARCHAR2(15)	Default payment currency unique identifier
HOLD_ALL_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place all payments for this supplier on hold
HOLD_FUTURE_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place unapproved invoices for this supplier on hold
HOLD_REASON	NULL	VARCHAR2(240)	Hold that will be applied to this supplier's invoices
HOLD_UNMATCHED_INVOICES_FLAG	NULL	VARCHAR2(1)	Indicates whether unmatched invoices should be put on hold
AP_TAX_ROUNDING_RULE	NULL	VARCHAR2(1)	Indicates the rounding rule for tax values
AUTO_TAX_CALC_FLAG	NULL	VARCHAR2(1)	Level for automatic tax calculation for supplier
AUTO_TAX_CALC_OVERRIDE	NULL	VARCHAR2(1)	Allows override of tax calculation at supplier site level
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	Do amounts include tax from this supplier?
EXCLUSIVE_PAYMENT_FLAG	NULL	VARCHAR2(1)	Exclusive payment flag
TAX_REPORTING_SITE_FLAG	NULL	VARCHAR2(1)	Tax reporting site Flag
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
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
VALIDATION_NUMBER	NULL	NUMBER	Validation number
EXCLUDE_FREIGHT_FROM_DISCOUNT	NULL	VARCHAR2(1)	Indicates whether the freight amount is to be excluded from the discount
VAT_REGISTRATION_NUM	NULL	VARCHAR2(20)	VAT registration number
OFFSET_VAT_CODE	NULL	VARCHAR2(20)	Offset VAT code
ORG_ID	NULL	NUMBER	Operating unit unique identifier
CHECK_DIGITS	NULL	VARCHAR2(30)	Check digits for Accounts Payable

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BANK_NUMBER	NULL	VARCHAR2(30)	Bank number for Accounts Payable
ADDRESS_LINE4	NULL	VARCHAR2(35)	Fourth line of address

*Column Descriptions (Continued)*

Name	Null?	Type	Description
COUNTY	NULL	VARCHAR2(25)	Supplier site county
ADDRESS_STYLE	NULL	VARCHAR2(30)	Style of address
LANGUAGE	NULL	VARCHAR2(30)	Site language
ALLOW_AWT_FLAG	NULL	VARCHAR2(1)	Indicator of whether Allow Withholding Tax is enabled
AWT_GROUP_ID	NULL	NUMBER(15)	Unique identifier for the withholding tax group
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
EDI_TRANSACTION_HANDLING	NULL	VARCHAR2(25)	ANSI standard code for EDI transaction type
EDI_ID_NUMBER	NULL	VARCHAR2(30)	EDI trading partner number for the supplier site
EDI_PAYMENT_METHOD	NULL	VARCHAR2(25)	How payment is to be made through EDI. Valid method are ACH and BOP.

EDI_PAYMENT_FORMAT	NULL	VARCHAR2(25)	Type of information being transmitted with the funds if using EDI_PAYMENT_METHOD ACH. Valid values are CCD, CCP, CTP, CTX, PPD and PPP.
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
EDI_REMITTANCE_METHOD	NULL	VARCHAR2(25)	How remittance advice will be sent to the supplier
BANK_CHARGE_BEARER	NULL	VARCHAR2(1)	Indicator of whether this supplier site is a bank charge bearer site
EDI_REMITTANCE_INSTRUCTION	NULL	VARCHAR2(256)	Who will send the remittance advice. Valid values are banks or payables systems.
BANK_BRANCH_TYPE	NULL	VARCHAR2(25)	Which list the bank routing number is on. Valid types are ABA, CHIPS, SWIFT, and OTHER.
PAY_ON_CODE	NULL	VARCHAR2(25)	When to create an invoice. Currently, the code 'RECEIPT' is used. Future enhancements could include 'DELIVERY'.
DEFAULT_PAY_SITE_ID	NULL	NUMBER(15)	Payment site for the site in which the receipt was entered.
PAY_ON_RECEIPT_SUMMARY_CODE	NULL	VARCHAR2(25)	If the PAY_ON_CODE is 'RECEIPT', then this column identifies how to consolidate the receipts to create invoices. Valid values are PAY_SITE, PACKING_SLIP, and RECEIPT.
TP_HEADER_ID	NULL	NUMBER	EDI transaction header unique identifier
ECE_TP_LOCATION_CODE	NULL	VARCHAR2(35)	Training partner location code for e-Commerce Gateway
PCARD_SITE_FLAG	NULL	VARCHAR2(1)	Indicator of whether the site allows use of procurement cards
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether to match the invoices to the purchase order or receipt
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Code for the country of manufacture
FUTURE_DATED_PAYMENT_CCID	NULL	NUMBER(15)	Accounting Flexfield identifier for the future dated payment account
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(25)	Indicator of whether a debit memo should be created
OFFSET_TAX_FLAG	NULL	VARCHAR2(1)	Indicator of whether offset tax is used

*Indexes*

Index Name	Index Type	Sequence	Column Name
PO_VENDOR_SITES_N1	NOT UNIQUE	2	VENDOR_SITE_CODE
PO_VENDOR_SITES_N2	NOT UNIQUE	5	TP_HEADER_ID
		10	ECE_TP_LOCATION_CODE
PO_VENDOR_SITES_U1	UNIQUE	1	VENDOR_SITE_ID
		3	ORG_ID
PO_VENDOR_SITES_U2	UNIQUE	1	VENDOR_ID
		2	VENDOR_SITE_CODE
		3	ORG_ID

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Sequences

Sequence	Derived Column
PO_VENDOR_SITES_S	VENDOR_SITE_ID

## RA\_ADDRESSES\_ALL

This table stores customer address information and your remit-to addresses. Each row includes specific address information. You need one row for each distinct address for a customer and for each remit to address. The primary key for this table is ADDRESS\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_LOCATION_COMBINATIONS	LOCATION_ID	LOCATION_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
RA_TERRITORIES	TERRITORY_ID	TERRITORY_ID

### Column Descriptions

Name	Null?	Type	Description
ADDRESS_ID (PK)	NOT NULL	NUMBER(15)	Address 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
CUSTOMER_ID	NOT NULL	NUMBER(15)	Customer identifier
STATUS	NOT NULL	VARCHAR2(1)	Customer Status flag (Receivables lookup code for CODE_STATUS)
ORIG_SYSTEM_REFERENCE	NOT NULL	VARCHAR2(240)	Address identifier from foreign system
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
COUNTRY	NOT NULL	VARCHAR2(60)	FND_TERRITORY.TERRITORY_CODE
ADDRESS1	NOT NULL	VARCHAR2(240)	First line for address
ADDRESS2	NULL	VARCHAR2(240)	Second line for address
ADDRESS3	NULL	VARCHAR2(240)	Third line for address
ADDRESS4	NULL	VARCHAR2(240)	Fourth line for address
CITY	NULL	VARCHAR2(60)	City
POSTAL_CODE	NULL	VARCHAR2(60)	Postal code
STATE	NULL	VARCHAR2(60)	State
PROVINCE	NULL	VARCHAR2(60)	Province
COUNTY	NULL	VARCHAR2(60)	County
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
TERRITORY_ID	NULL	NUMBER(15)	Territory identifier
ADDRESS_KEY	NULL	VARCHAR2(50)	Derived key created by OSM to facilitate querying
BILL_TO_FLAG	NULL	VARCHAR2(1)	Y if the address is a Bill To location; P if the address is a primary Bill To location; N or null otherwise
MARKET_FLAG	NULL	VARCHAR2(1)	Y if the address is a Marketing location; P if the address is a primary Marketing location; N or null otherwise
SHIP_TO_FLAG	NULL	VARCHAR2(1)	Y if the address is a Ship To location; P if the address is a primary Ship To location; N or null otherwise
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
LOCATION_ID	NULL	NUMBER(15)	Foreign key to AR_LOCATION_COMBINATIONS, relating an address to a tax Authority (null if it is a foreign or remit-to address)
SERVICE_TERRITORY_ID	NULL	NUMBER(15)	This column is to track the service territory associated with each customer address. The column is a foreign key to CS_SERVICE_TERRITORIES.
PRIMARY_SPECIALIST_ID	NULL	NUMBER(15)	This column is for the service personnel dispatching feature in Incident Tracking. This column is a foreign key to PER_PEOPLE.
SECONDARY_SPECIALIST_ID	NULL	NUMBER(15)	This column is for the service personnel dispatching feature in Incident Tracking. This column is a foreign key to PER_PEOPLE.
CUSTOMER_CATEGORY_CODE	NULL	VARCHAR2(30)	User-definable category (lookup type = CUSTOMER_CATEGORY). (Not currently used)

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Column Descriptions (Continued)

Name	Null?	Type	Description
CUSTOMER_GROUP_CODE	NULL	VARCHAR2(30)	No longer used
CUSTOMER_SUBGROUP_CODE	NULL	VARCHAR2(30)	No longer used
REFERENCE_USE_FLAG	NULL	VARCHAR2(1)	No longer used
ANALYSIS_FY	NULL	VARCHAR2(5)	No longer used
FISCAL_YEAREND_MONTH	NULL	VARCHAR2(30)	No longer used
NET_WORTH	NULL	NUMBER	No longer used
NUM_OF_EMPLOYEES	NULL	NUMBER	No longer used
POTENTIAL_REVENUE_CURR_FY	NULL	NUMBER	No longer used
POTENTIAL_REVENUE_NEXT_FY	NULL	NUMBER	No longer used
RANK	NULL	VARCHAR2(30)	No longer used
COMPETITOR_FLAG	NULL	VARCHAR2(1)	No longer used
THIRD_PARTY_FLAG	NULL	VARCHAR2(1)	No longer used
YEAR_ESTABLISHED	NULL	NUMBER(4)	No longer used
DO_NOT_MAIL_FLAG	NULL	VARCHAR2(1)	No longer used
ADDRESS_STYLE	NULL	VARCHAR2(30)	Used as context value for Flexible Address Format descriptive flexfield (do not use this column, join to find_territories via country = territory_code to retrieve the address_style for the country)
LANGUAGE	NULL	VARCHAR2(30)	Operating language of customer site
KEY_ACCOUNT_FLAG	NULL	VARCHAR2(1)	Key account for sales representatives
TP_HEADER_ID	NULL	NUMBER	Trading partner header identifier
WH_UPDATE_DATE	NULL	DATE	Date sent to Data Warehouse
ADDRESS_LINES_PHONETIC	NULL	VARCHAR2(560)	Phonetic or Kana representation of the Kanji address lines (used in Japan)
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
ECE_TP_LOCATION_CODE	NULL	VARCHAR2(35)	Stores the EDI location code. It should be unique for a customer. The column accepts free-form text.
SALES_TAX_GEOCODE	NULL	VARCHAR2(30)	US State and Local Tax Jurisdiction code. Use this field to provide either a Vertex GeoCode or Taxware Geocode value for the Point of Order Origin.
SALES_TAX_INSIDE_CITY_LIMITS	NULL	VARCHAR2(1)	US State and Local Tax, Inside City Limits flag. Default if Null to N. Indicates whether the ship-to address is inside the city limits of the associated GEOCODE.
TERRITORY	NULL	VARCHAR2(30)	Territory for this address
TRANSLATED_CUSTOMER_NAME	NULL	VARCHAR2(50)	Translated customer name
ADDRESS_TEXT	NULL	CLOB	Concatenated string made up of customer and contact names and customer and contact phone numbers.

Indexes

Index Name	Index Type	Sequence	Column Name
RA_ADDRESSES_N1	NOT UNIQUE	1	ADDRESS1
RA_ADDRESSES_N2	NOT UNIQUE	2	CREATION_DATE
RA_ADDRESSES_N3	NOT UNIQUE	1	CUSTOMER_ID
RA_ADDRESSES_N4	NOT UNIQUE	1	ADDRESS_KEY
RA_ADDRESSES_N5	NOT UNIQUE	1	POSTAL_CODE
RA_ADDRESSES_N6	NOT UNIQUE	1	COUNTRY
		2	STATE
RA_ADDRESSES_U1	UNIQUE	1	ADDRESS_ID
RA_ADDRESSES_U2	UNIQUE	1	ORIG_SYSTEM_REFERENCE
		2	ORG_ID
RA_ADDRESSES_U3	UNIQUE	2	TP_HEADER_ID

Sequences

Sequence	Derived Column
RA_ADDRESSES_S	ADDRESS_ID

Database Triggers

Trigger Name : RA\_ADDRESSES\_BRIU  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE

This validates the key fields within the address, typically the state, county, and city, populating AR\_SALES\_TAX with the combined tax rates applicable to each of these jurisdictions. Finally, assigning the foreign key AR\_LOCATION\_COMBINATIONS.LOCATION\_ID to RA\_ADDRESSES.LOCATION\_ID.

Trigger Name : RA\_ADDRESSES\_T1\_VEH  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger exports Oracle Automotive-specific Address and Address Cross-Reference data to CARaS to maintain data consistency whenever data in Oracle is changed. It calls the Automotive export launcher procedure which validates the Automotive-specific data before it exports it to CARaS.

Address and Address Cross-Reference data comes from the following tables:

ECE\_TP\_GROUP ECE\_TP\_HEADERS ECE\_TP\_DETAILS RA\_ADDRESSES VEH\_RA\_ADDRESSES

The above tables have triggers to export Address and Address Cross-Reference data to CARaS.



## RA\_BATCHES\_ALL

This table stores information about each batch of invoices you enter in Oracle Receivables. Each row includes information about each batch belonging to a batch source. TYPE contains the value 'INV' for all records. The column STATUS and BATCH\_SOURCE\_ID are required even though they are null allowed. The primary key for this table is BATCH\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RA_BATCH_SOURCES_ALL	BATCH_SOURCE_ID	BATCH_SOURCE_ID

### Column Descriptions

Name	Null?	Type	Description
BATCH_ID (PK)	NOT NULL	NUMBER(15)	Batch 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	NULL	NUMBER(15)	Standard Who column
NAME	NOT NULL	VARCHAR2(50)	Batch name
BATCH_DATE	NOT NULL	DATE	Batch date
GL_DATE	NOT NULL	DATE	General Ledger date
STATUS	NULL	VARCHAR2(20)	Batch status flag. Lookup code for 'CODE_STATUS'. This column is not updated automatically
TYPE	NULL	VARCHAR2(30)	Lookup code for INV/CM-- always 'INV'
BATCH_SOURCE_ID	NULL	NUMBER(15)	Batch source identifier
CONTROL_COUNT	NULL	NUMBER(15)	Control count of invoices associated with the batch
CONTROL_AMOUNT	NULL	NUMBER	Control sum of invoice amounts associated with the batch
COMMENTS	NULL	VARCHAR2(240)	Comments of the batch
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
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
CURRENCY_CODE	NULL	VARCHAR2(15)	Batch currency
EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	Type of exchange rate
EXCHANGE_DATE	NULL	DATE	Date of the exchange rate
EXCHANGE_RATE	NULL	NUMBER	Exchange rate
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
PURGED_CHILDREN_FLAG	NULL	VARCHAR2(1)	Value is Yes if some details have been purged; otherwise value is null

## Indexes

Index Name	Index Type	Sequence	Column Name
RA_BATCHES_N1	NOT UNIQUE	1	NAME
RA_BATCHES_N2	NOT UNIQUE	1	BATCH_SOURCE_ID
RA_BATCHES_N3	NOT UNIQUE	1	BATCH_DATE
RA_BATCHES_N4	NOT UNIQUE	1	GL_DATE
RA_BATCHES_U1	UNIQUE	1	BATCH_ID

## Sequences

Sequence	Derived Column
RA_BATCHES_S	BATCH_ID

## Database Triggers

Trigger Name : RA\_MRC\_BATCHES\_BIUD  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger exists only when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table RA\_BATCHES\_ALL. For each record being inserted/updated/deleted in RA\_BATCHES\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC sub table, RA\_MC\_BATCHES.

## RA\_BATCH\_SOURCES\_ALL

This table stores information about the sources of your invoice, credit memo, and commitments. Each row includes information about invoice, batch, and credit memo numbering. You need one row for each batch source you define. Oracle Receivables uses batch sources to default a transaction type during invoice entry and to determine invoice, batch, and credit memo numbering. BATCH\_SOURCE\_TYPE stores 'INV' for manual batches or 'FOREIGN' for imported batches. STATUS, CREDIT\_MEMO\_BATCH\_SOURCE\_ID, AUTO\_BATCH\_NUMBERING, and AUTO\_TRX\_NUMBERING are required even though they are null allowed. The primary key for this table is BATCH\_SOURCE\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	DEFAULT_INV_TRX_TYPE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOW_SALES_CREDIT_FLAG	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
BATCH_SOURCE_ID (PK)	NOT NULL	NUMBER(15)	Batch source 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
NAME	NOT NULL	VARCHAR2(50)	Batch source name
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
DESCRIPTION	NULL	VARCHAR2(240)	Batch source description
STATUS	NULL	VARCHAR2(1)	Batch source status flag. Lookup code for 'CODE_STATUS'
LAST_BATCH_NUM	NULL	NUMBER(15)	Last batch number automatically generated
DEFAULT_INV_TRX_TYPE	NULL	NUMBER(15)	Default transaction type identifier
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
ACCOUNTING_FLEXFIELD_RULE	NULL	VARCHAR2(30)	Determines how accounting flexfield information is passed in when using AutoInvoice (Segment or ID)
ACCOUNTING_RULE_RULE	NULL	VARCHAR2(30)	Determines how accounting rule information is passed in when using AutoInvoice (Value or ID or None)
AGREEMENT_RULE	NULL	VARCHAR2(30)	Determines how agreements information is passed in when using AutoInvoice (Value or ID or None)
AUTO_BATCH_NUMBERING_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether batch numbering is automatic or manual (Y means automatic; N means manual)
AUTO_TRX_NUMBERING_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether transaction numbering is automatic or manual (Y means automatic; N means manual)
BATCH_SOURCE_TYPE	NOT NULL	VARCHAR2(30)	'Imported' if used by AutoInvoice; 'Manual' otherwise
BILL_ADDRESS_RULE	NULL	VARCHAR2(30)	Determines how bill to address information is passed in when using AutoInvoice (Value or Id)
BILL_CONTACT_RULE	NULL	VARCHAR2(30)	Determines how bill to contact information is passed in when using AutoInvoice (Value or Id or None)
BILL_CUSTOMER_RULE	NULL	VARCHAR2(30)	Determines how bill to customer information is passed in when using AutoInvoice (Value or ID)
CREATE_CLEARING_FLAG	NULL	VARCHAR2(1)	Y if AutoInvoice Clearing Account entries are allowed, N if not
CUST_TRX_TYPE_RULE	NULL	VARCHAR2(30)	Determines how transaction type information is passed in when using AutoInvoice (Value or Id)
DERIVE_DATE_FLAG	NULL	VARCHAR2(1)	Y if AutoInvoice should derive dates and N if not.
END_DATE	NULL	DATE	End date active for this batch source
FOB_POINT_RULE	NULL	VARCHAR2(30)	Determines how FOB point information is passed in when using AutoInvoice (Code or None)
GL_DATE_PERIOD_RULE	NULL	VARCHAR2(30)	Determines what to do with a General Ledger date that is in a closed period (Reject or Adjust)

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INVALID_LINES_RULE	NULL	VARCHAR2(30)	Determines whether an invoice is created or rejected if one of the lines is in error
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
INVALID_TAX_RATE_RULE	NULL	VARCHAR2(30)	Determines whether an invalid tax rate is rejected or corrected
INVENTORY_ITEM_RULE	NULL	VARCHAR2(30)	Determines how inventory item information is passed in when using AutoInvoice (Segment or ID or None)
INVOICING_RULE_RULE	NULL	VARCHAR2(30)	Determines how invoicing rule information is passed in when using AutoInvoice (Value or ID or None)
MEMO_REASON_RULE	NULL	VARCHAR2(30)	Determines how memo reason information is passed in when using AutoInvoice (Value or ID)
REV_ACC_ALLOCATION_RULE	NULL	VARCHAR2(30)	Determines how revenue account allocation is passed in when using AutoInvoice (Amount or Percent)
SALESPERSON_RULE	NULL	VARCHAR2(30)	Determines how salesperson information is passed in when using AutoInvoice (Number or ID)
SALES_CREDIT_RULE	NULL	VARCHAR2(30)	Determines how sales credit allocation is passed in when using AutoInvoice (Amount or Percent)
SALES_CREDIT_TYPE_RULE	NULL	VARCHAR2(30)	Determines how sales credit type information is passed in when using AutoInvoice (Value or ID)
SALES_TERRITORY_RULE	NULL	VARCHAR2(30)	Determines how sales territory information is passed in when using AutoInvoice (Segment or ID or None)
SHIP_ADDRESS_RULE	NULL	VARCHAR2(30)	Determines how ship to address information is passed in when using AutoInvoice (Value or ID or None)
SHIP_CONTACT_RULE	NULL	VARCHAR2(30)	Determines how ship to contact information is passed in when using AutoInvoice (Value or ID or None)
SHIP_CUSTOMER_RULE	NULL	VARCHAR2(30)	Determines how ship to customer information is passed in when using AutoInvoice (Value or ID or None)
SHIP_VIA_RULE	NULL	VARCHAR2(30)	Determines how freight carrier information is passed in when using AutoInvoice (Code or None)
SOLD_CUSTOMER_RULE	NULL	VARCHAR2(30)	Determines how sold to customer information is passed in when using AutoInvoice (Value or ID)
START_DATE	NULL	DATE	The first date that this batch source is active

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TERM_RULE	NULL	VARCHAR2(30)	Determines how term information is passed in when using AutoInvoice (Value or ID)
UNIT_OF_MEASURE_RULE	NULL	VARCHAR2(30)	Determines how unit of measure information is passed in when using AutoInvoice (Value or ID)
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column

*Column Descriptions (Continued)*

Name	Null?	Type	Description
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
CUSTOMER_BANK_ACCOUNT_RULE	NULL	VARCHAR2(30)	Determines how customer bank account information is passed in when using AutoInvoice (Value or ID)
MEMO_LINE_RULE	NULL	VARCHAR2(30)	Determines how memo line information is passed in when using AutoInvoice (Value or ID)
RECEIPT_METHOD_RULE	NULL	VARCHAR2(30)	Determines how payment rule information is passed in when using AutoInvoice (Value or ID)
RELATED_DOCUMENT_RULE	NULL	VARCHAR2(30)	Determines how related document information is passed in when using AutoInvoice (Number or ID or None)
ALLOW_SALES_CREDIT_FLAG	NULL	VARCHAR2(1)	Y if you pass in sales credits via AutoInvoice; N otherwise
GROUPING_RULE_ID	NULL	NUMBER(15)	Foreign key to the grouping rules that you have defined. This is the grouping rule that AutoInvoice uses to group your lines into invoices.
CREDIT_MEMO_BATCH_SOURCE_ID	NULL	NUMBER(15)	This points to the default credit memo batch source to use when you are creating a credit memo against a transaction that belongs to this batch source
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

*Column Descriptions (Continued)*

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
COPY_DOC_NUMBER_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether the document number and the transaction number are the same for transactions assigned to this source.

*Indexes*

Index Name	Index Type	Sequence	Column Name
RA_BATCH_SOURCES_U1	UNIQUE	1	NAME
		2	ORG_ID
RA_BATCH_SOURCES_U2	UNIQUE	1	BATCH_SOURCE_ID
		11	ORG_ID

*Sequences*

Sequence	Derived Column
RA_BATCH_SOURCES_S	BATCH_SOURCE_ID



## RA\_CONTACTS

This table stores information about contacts for customers and addresses. Each row includes the contact's name and job description. You need one row for each contact. If a contact refers to a customer, Oracle Receivables displays a value in the CUSTOMER\_ID column. If a contact refers to a customer's address, Oracle Receivables displays values in both the CUSTOMER\_ID and ADDRESS\_ID columns of this table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RA_ADDRESSES_ALL	ADDRESS_ID	ADDRESS_ID
RA_ADDRESSES_ALL	ADDRESS_ID	MAILING_ADDRESS_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID

### Column Descriptions

Name	Null?	Type	Description
CONTACT_ID (PK)	NOT NULL	NUMBER(15)	Contact identifier
DEPARTMENT_CODE	NULL	VARCHAR2(30)	Not used in Receivables applications (used in Oracle Sales and Marketing)
DEPARTMENT	NULL	VARCHAR2(60)	Not used in Receivables applications (used in Oracle Sales and Marketing)
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
CUSTOMER_ID	NOT NULL	NUMBER(15)	Customer identifier
STATUS	NOT NULL	VARCHAR2(1)	Contact status flag. Lookup code for 'CODE_STATUS'
ORIG_SYSTEM_REFERENCE	NOT NULL	VARCHAR2(240)	Unique contact identifier from foreign system
LAST_NAME	NOT NULL	VARCHAR2(50)	Contact last name
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
TITLE	NULL	VARCHAR2(30)	Revenue Accounting lookup code for 'CONTACT_TITLE' (for example, MRS = Mrs.)
FIRST_NAME	NULL	VARCHAR2(40)	Contact first name
JOB_TITLE	NULL	VARCHAR2(50)	Contact job title (free form text)
MAIL_STOP	NULL	VARCHAR2(60)	Mailing information
ADDRESS_ID	NULL	NUMBER(15)	Address identifier
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
CONTACT_KEY	NULL	VARCHAR2(50)	Populated by Oracle Sales and Marketing's API
CONTACT_PERSONAL_INFORMATION	NULL	VARCHAR2(240)	No longer used
DECISION_MAKER_FLAG	NULL	VARCHAR2(1)	Y or N indicates whether the contact is a decision maker
JOB_TITLE_CODE	NULL	VARCHAR2(30)	Job Title Code (validated against lookup_type='RESPONSIBILITY' from ar_lookups)
MANAGED_BY	NULL	NUMBER(15)	Stores the contact ID of the contact's manager. Manager also exists as a contact.
NATIVE_LANGUAGE	NULL	VARCHAR2(30)	Language of the Contact
REFERENCE_USE_FLAG	NULL	VARCHAR2(1)	Reference flag for the Contact
CONTACT_NUMBER	NULL	VARCHAR2(30)	A unique identifier for the Contact
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE25	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
OTHER_LANGUAGE_1	NULL	VARCHAR2(30)	Mailing Language
OTHER_LANGUAGE_2	NULL	VARCHAR2(30)	Mailing Language
RANK	NULL	VARCHAR2(30)	Importance of the contact relative to other contacts
PRIMARY_ROLE	NULL	VARCHAR2(30)	No longer used
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
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE21	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE22	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE23	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE24	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
DO_NOT_MAIL_FLAG	NULL	VARCHAR2(1)	Indicates whether contact has requested NOT to be included in future mailings (null means No ; Y means ok to mail)
SUFFIX	NULL	VARCHAR2(60)	Information that follows Contact's name (for example, 'Jr.', 'PhD', etc.)
EMAIL_ADDRESS	NULL	VARCHAR2(240)	Address to use when sending electronic mail to contact
MAILING_ADDRESS_ID	NULL	NUMBER(15)	Identifier of the Contact's preferred private mailing address
MATCH_GROUP_ID	NULL	NUMBER(15)	Identifier of the group of contact records that represent the same person
SEX_CODE	NULL	VARCHAR2(30)	Not currently used
SALUTATION	NULL	VARCHAR2(60)	Not currently used
LAST_NAME_ALT	NULL	VARCHAR2(50)	Alternate last name of contact person
FIRST_NAME_ALT	NULL	VARCHAR2(40)	Alternate first name of contact person

Indexes

Index Name	Index Type	Sequence	Column Name
RA_CONTACTS_N1	NOT UNIQUE	1	FIRST_NAME
		2	LAST_NAME
		3	JOB_TITLE
RA_CONTACTS_N2	NOT UNIQUE	1	CUSTOMER_ID
		2	ADDRESS_ID
RA_CONTACTS_N3	NOT UNIQUE	1	CONTACT_KEY
RA_CONTACTS_N4	NOT UNIQUE	1	ADDRESS_ID
RA_CONTACTS_N5	NOT UNIQUE	1	CONTACT_NUMBER
RA_CONTACTS_N6	NOT UNIQUE	2	LAST_NAME
		4	CUSTOMER_ID
RA_CONTACTS_N7	NOT UNIQUE	2	MAILING_ADDRESS_ID
RA_CONTACTS_U1	UNIQUE	1	CONTACT_ID
RA_CONTACTS_U2	UNIQUE	1	ORIG_SYSTEM_REFERENCE

Sequences

Sequence	Derived Column
RA_CONTACTS_S	CONTACT_ID

## RA\_CONTACT\_ROLES

This table stores the role of each contact you enter for a customer and their addresses. The column `USAGE_CODE` contains 'BILL\_TO' for bill to contacts, 'SHIP\_TO' for ship to contacts, and 'STMTS' for statements contacts. For each contact ID, there can be any number of records in `RA_CONTACT_ROLES`, but only one can have the column `PRIMARY_FLAG` set to 'Y'. General information about contacts is stored in `RA_CONTACTS`.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
<code>RA_CONTACTS</code>	<code>CONTACT_ID</code>	<code>CONTACT_ID</code>

### Column Descriptions

Name	Null?	Type	Description
<code>CONTACT_ROLE_ID</code> (PK)	NOT NULL	NUMBER(15)	Contact role identifier
<code>LAST_UPDATE_DATE</code>	NOT NULL	DATE	Standard Who column
<code>LAST_UPDATED_BY</code>	NOT NULL	NUMBER(15)	Standard Who column
<code>CREATION_DATE</code>	NOT NULL	DATE	Standard Who column
<code>CREATED_BY</code>	NOT NULL	NUMBER(15)	Standard Who column
<code>USAGE_CODE</code>	NOT NULL	VARCHAR2(30)	Revenue accounting lookup code for 'SITE_USE_CODE'
<code>CONTACT_ID</code>	NOT NULL	NUMBER(15)	Contact identifier
<code>LAST_UPDATE_LOGIN</code>	NULL	NUMBER(15)	Standard Who column
<code>ORIG_SYSTEM_REFERENCE</code>	NULL	VARCHAR2(240)	Unique contact identifier from foreign system
<code>PRIMARY_FLAG</code>	NULL	VARCHAR2(1)	Y or N indicates whether the contact role is primary
<code>ATTRIBUTE_CATEGORY</code>	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defining column
<code>ATTRIBUTE1</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE2</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE3</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE4</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE5</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE6</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE7</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE8</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE9</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>ATTRIBUTE10</code>	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
<code>REQUEST_ID</code>	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
<code>PROGRAM_APPLICATION_ID</code>	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
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*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
RA_CONTACT_ROLES_U1	UNIQUE	1	CONTACT_ROLE_ID
RA_CONTACT_ROLES_U2	UNIQUE	1	CONTACT_ID
		2	USAGE_CODE

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
RA_CONTACT_ROLES_S	CONTACT_ROLE_ID

## RA\_CUSTOMERS

This table stores your customer header information. Only information related to the customer entity is stored in this table. Any information specific to an address for a given customer is stored in **RA\_ADDRESSES\_ALL**. You need one row for each customer in Oracle Receivables.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_VAT_TAX_ALL_B	TAX_CODE	TAX_CODE
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA
RA_SALESREPS_ALL	SALESREP_ID	PRIMARY_SALESREP_ID
RA_SITE_USES_ALL	SITE_USE_ID	DUNNING_SITE_USE_ID
RA_SITE_USES_ALL	SITE_USE_ID	STATEMENT_SITE_USE_ID
RA_TERMS_B	TERM_ID	PAYMENT_TERM_ID
SO_ORDER_TYPES_115_ALL	ORDER_TYPE_ID	ORDER_TYPE_ID
SO_PRICE_LISTS_B	PRICE_LIST_ID	PRICE_LIST_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CUSTOMER_TYPE	CUSTOMER_TYPE	AR_LOOKUPS
	I	Internal
	R	External
TAX_EXEMPT	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
CUSTOMER_ID (PK)	NOT NULL	NUMBER(15)	Customer 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
CUSTOMER_NAME	NOT NULL	VARCHAR2(50)	Customer name
CUSTOMER_NUMBER	NOT NULL	VARCHAR2(30)	Customer number
ORIG_SYSTEM_REFERENCE	NOT NULL	VARCHAR2(240)	Unique customer identifier from foreign system
STATUS	NOT NULL	VARCHAR2(1)	Customer status flag. Lookup code for 'CODE_STATUS'
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CUSTOMER_TYPE	NULL	VARCHAR2(25)	Receivables lookup code for CUSTOMER_TYPE (I for internal customers; R for external customers)
CUSTOMER_PROSPECT_CODE	NOT NULL	VARCHAR2(30)	Indicates whether customer, prospect, or neither
CUSTOMER_CLASS_CODE	NULL	VARCHAR2(30)	Customer class identifier
PRIMARY_SALESREP_ID	NULL	NUMBER(15)	Primary sales rep identifier
SALES_CHANNEL_CODE	NULL	VARCHAR2(30)	Order Entry lookup code for SALES_CHANNEL
SIC_CODE	NULL	VARCHAR2(30)	Standard Industry Classification code

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORDER_TYPE_ID	NULL	NUMBER(15)	Order type identifier
PRICE_LIST_ID	NULL	NUMBER(15)	Price list identifier
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
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
ANALYSIS_FY	NULL	VARCHAR2(5)	Fiscal Year upon which financial information is based (net worth, number of employees, potential revenue)
CUSTOMER_CATEGORY_CODE	NULL	VARCHAR2(30)	User-definable category (lookup type = CUSTOMER_CATEGORY)
CUSTOMER_GROUP_CODE	NULL	VARCHAR2(30)	No longer used
CUSTOMER_KEY	NULL	VARCHAR2(50)	Derived key created by Oracle Sales and Marketing to facilitate querying
CUSTOMER_SUBGROUP_CODE	NULL	VARCHAR2(30)	No longer used
FISCAL YEAREND_MONTH	NULL	VARCHAR2(30)	Month in which fiscal year ends for customer
NET_WORTH	NULL	NUMBER	No longer used
NUM_OF_EMPLOYEES	NULL	NUMBER(15)	Number of employees of customer
POTENTIAL_REVENUE_CURR_FY	NULL	NUMBER	Potential revenue this fiscal year for customer
POTENTIAL_REVENUE_NEXT_FY	NULL	NUMBER	Potential revenue next fiscal year for customer
RANK	NULL	VARCHAR2(30)	No longer used
REFERENCE_USE_FLAG	NULL	VARCHAR2(1)	Indicates whether customer has agreed to be a reference (null means No)
TAX_CODE	NULL	VARCHAR2(50)	Tax code for this customer

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TAX_REFERENCE	NULL	VARCHAR2(50)	Taxpayer identification number
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
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
THIRD_PARTY_FLAG	NULL	VARCHAR2(1)	This flag tracks whether a customer is a direct customer of the organization using AR or a third party vendor of some sort. If Oracle Service is installed, the Third Party field in the Customers window should be mandatory
ACCESS_TEMPLATE_ENTITY_CODE	NULL	VARCHAR2(30)	This column is for the Access Control feature. It tracks which template attribute to use to automatically create new access control templates for a given customer.
PRIMARY_SPECIALIST_ID	NULL	NUMBER(15)	This column is for the service personnel dispatching feature in Incident Tracking. This column is a foreign key to PER_PEOPLE.
SECONDARY_SPECIALIST_ID	NULL	NUMBER(15)	This column is for the service personnel dispatching feature in Incident Tracking. This column is a foreign key to PER_PEOPLE.
COMPETITOR_FLAG	NULL	VARCHAR2(1)	Indicates whether organization is a competitor (null means No)
DUNNING_SITE_USE_ID	NULL	NUMBER(15)	Dunning site identifier
STATEMENT_SITE_USE_ID	NULL	NUMBER(15)	Statement site
ORIG_SYSTEM	NULL	VARCHAR2(30)	Source of record [partners with ORIG_SYSTEM_REF]
YEAR_ESTABLISHED	NULL	NUMBER(4)	Year in which customer began doing business
COTERMINATE_DAY_MONTH	NULL	VARCHAR2(6)	Values for this column will take the form DD-MON. Identifies the date on which services ordered by the customer will end.
FOB_POINT	NULL	VARCHAR2(30)	Group responsible for freight
FREIGHT_TERM	NULL	VARCHAR2(30)	Order Entry lookup code for FREIGHT_TERMS
GSA_INDICATOR	NULL	VARCHAR2(1)	Flag to indicate whether this is a public sector service agency
SHIP_PARTIAL	NULL	VARCHAR2(1)	Flag if partial shipments are sent
SHIP_VIA	NULL	VARCHAR2(25)	Name of shipping firm
WAREHOUSE_ID	NULL	NUMBER(15)	Warehouse identifier
PAYMENT_TERM_ID	NULL	NUMBER(15)	This column is not used by AR. (used by Oracle Order Entry)

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TAX_EXEMPT	NULL	VARCHAR2(1)	No longer used
TAX_EXEMPT_NUM	NULL	VARCHAR2(30)	No longer used
TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	No longer used

*Column Descriptions (Continued)*

Name	Null?	Type	Description
JGZZ_FISCAL_CODE	NULL	VARCHAR2(20)	This column is used as the "Fiscal Code" for certain European Countries
DO_NOT_MAIL_FLAG	NULL	VARCHAR2(1)	Determines whether you can send printed documents to the customer
MISSION_STATEMENT	NULL	VARCHAR2(2000)	Oracle Sales and Marketing column (corporate charter of customer)
CUSTOMER_NAME_PHONETIC	NULL	VARCHAR2(320)	Japanese Kana, or phonetic representation of customer name
TAX_HEADER_LEVEL_FLAG	NULL	VARCHAR2(1)	Tax calculation level (Y means Header; N means Line)
TAX_ROUNDING_RULE	NULL	VARCHAR2(30)	Tax amount rounding rule
WH_UPDATE_DATE	NULL	DATE	Warehouse update date when record was recorded or changed
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
URL	NULL	VARCHAR2(240)	Uniform Resource Locator (Customers Home Page Address on World Wide Web)

*Column Descriptions (Continued)*

Name	Null?	Type	Description
PERSON_FLAG	NULL	VARCHAR2(1)	Indicates whether the customer is a person (rather than a business or company)
FIRST_NAME	NULL	VARCHAR2(50)	First Name of the person
LAST_NAME	NULL	VARCHAR2(50)	Last Name of the person
DATES_NEGATIVE_TOLERANCE	NULL	NUMBER	Negative tolerance for acceptable dates
DATES_POSITIVE_TOLERANCE	NULL	NUMBER	Positive tolerance for acceptable dates
DATE_TYPE_PREFERENCE	NULL	VARCHAR2(20)	Preference for ship or arrival dates
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Percentage tolerance for over shipment
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Percentage tolerance for under shipment
ITEM_CROSS_REF_PREF	NULL	VARCHAR2(30)	Lookup for item cross reference preference for placing orders
OVER_RETURN_TOLERANCE	NULL	NUMBER	Percentage tolerance for over return
UNDER_RETURN_TOLERANCE	NULL	NUMBER	Percentage tolerance for under return
SHIP_SETS_INCLUDE_LINES_FLAG	NULL	VARCHAR2(1)	Y if lines should automatically be included in ship sets
ARRIVALSETS_INCLUDE_LINES_FLAG	NULL	VARCHAR2(1)	Y if lines should automatically be included in arrival sets
SCHED_DATE_PUSH_FLAG	NULL	VARCHAR2(1)	Y if group schedule date should automatically be pushed
INVOICE_QUANTITY_RULE	NULL	VARCHAR2(30)	Rule to indicate whether to invoice for ordered quantity or fulfilled quantity
PRICING_EVENT	NULL	VARCHAR2(30)	Event at which to price orders. For example, at entry, at shipping, or at invoicing.

*Indexes*

Index Name	Index Type	Sequence	Column Name
RA_CUSTOMERS_N1	NOT UNIQUE	1	CUSTOMER_NAME
RA_CUSTOMERS_N2	NOT UNIQUE	1	CREATION_DATE
RA_CUSTOMERS_N3	NOT UNIQUE	2	CUSTOMER_KEY
RA_CUSTOMERS_N4	NOT UNIQUE	2	JGZZ_FISCAL_CODE
RA_CUSTOMERS_U1	UNIQUE	2	CUSTOMER_ID
RA_CUSTOMERS_U2	UNIQUE	1	ORIG_SYSTEM_REFERENCE
RA_CUSTOMERS_U3	UNIQUE	1	CUSTOMER_NUMBER

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Sequences

Sequence	Derived Column
RA_CUSTOMERS_S	CUSTOMER_ID
RA_CUSTOMERS_NUM_S	CUSTOMER_NUMBER

## RA\_CUSTOMER\_MERGES

This table is used by the Customer Merge program to store information about customers, addresses, and site uses that you are merging. Each row includes the names and IDs of the customer, address, or site uses being merged. Oracle Receivables uses this information to display all customers, addresses, and site uses that have been merged in the Merge Customers window.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RA_ADDRESSES_ALL	ADDRESS_ID	CUSTOMER_ADDRESS_ID
RA_ADDRESSES_ALL	ADDRESS_ID	CUSTOMER_ADDRESS_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
RA_SITE_USES_ALL	SITE_USE_ID	CUSTOMER_SITE_ID
RA_SITE_USES_ALL	SITE_USE_ID	CUSTOMER_SITE_ID

### Column Descriptions

Name	Null?	Type	Description
CUSTOMER_MERGE_ID (PK)	NOT NULL	NUMBER(15)	Customer merge record identifier
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	NULL	NUMBER(15)	Standard Who column
PROCESS_FLAG	NOT NULL	VARCHAR2(30)	Y or N indicates whether this record processed successfully
CUSTOMER_ID	NOT NULL	NUMBER(15)	New customer identifier
CUSTOMER_NAME	NULL	VARCHAR2(50)	New customer name
CUSTOMER_NUMBER	NULL	VARCHAR2(30)	New customer number
CUSTOMER_REF	NULL	VARCHAR2(240)	New customer identifier from foreign system
CUSTOMER_ADDRESS_ID	NOT NULL	NUMBER(15)	New address identifier
CUSTOMER_ADDRESS	NULL	VARCHAR2(240)	New address
CUSTOMER_SITE_ID	NOT NULL	NUMBER(15)	New site use identifier
CUSTOMER_SITE_CODE	NULL	VARCHAR2(40)	New site use lookup code
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
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
CUSTOMER_LOCATION	NULL	VARCHAR2(240)	New customer location
CUSTOMER_PRIMARY_FLAG	NULL	VARCHAR2(1)	New customer primary site use flag
DELETE_DUPLICATE_FLAG	NOT NULL	VARCHAR2(1)	Delete or inactivate duplicate customer flag
DUPLICATE_ADDRESS	NULL	VARCHAR2(240)	Duplicate customer address
DUPLICATE_ADDRESS_ID	NOT NULL	NUMBER(15)	Duplicate customer address identifier
DUPLICATE_ID	NOT NULL	NUMBER(15)	Duplicate customer identifier
DUPLICATE_LOCATION	NULL	VARCHAR2(240)	Duplicate customer location
DUPLICATE_NAME	NULL	VARCHAR2(50)	Duplicate customer name
DUPLICATE_NUMBER	NULL	VARCHAR2(30)	Duplicate customer number
DUPLICATE_PRIMARY_FLAG	NULL	VARCHAR2(1)	Duplicate customer primary site use flag
DUPLICATE_REF	NULL	VARCHAR2(240)	Duplicate customer identifier from foreign system
DUPLICATE_SITE_CODE	NULL	VARCHAR2(40)	Duplicate customer site use code
DUPLICATE_SITE_ID	NOT NULL	NUMBER(15)	Duplicate customer site identifier
SET_NUMBER	NULL	NUMBER	Set number
CUSTOMER_MERGE_HEADER_ID	NOT NULL	NUMBER(15)	Customer merge header record identifier

Indexes

Index Name	Index Type	Sequence	Column Name
RA_CUSTOMER_MERGES_N1	NOT UNIQUE	1	PROCESS_FLAG
		2	DUPLICATE_SITE_ID
RA_CUSTOMER_MERGES_N2	NOT UNIQUE	1	DUPLICATE_ID
RA_CUSTOMER_MERGES_N3	NOT UNIQUE	1	DUPLICATE_ADDRESS_ID
RA_CUSTOMER_MERGES_N4	NOT UNIQUE	1	CUSTOMER_MERGE_HEADER_ID
RA_CUSTOMER_MERGES_U1	UNIQUE	1	CUSTOMER_MERGE_ID

Sequences

Sequence	Derived Column
RA_CUSTOMER_MERGES_S	CUSTOMER_MERGE_ID

## RA\_CUSTOMER\_TRX\_ALL

This table stores invoice, debit memo, commitment, and credit memo header information. Each row includes general invoice information such as customer, transaction type, and printing instructions. You need one row for each invoice, debit memo, commitment, and credit memo you create in Oracle Receivables.

Invoices, debit memos, credit memos, and commitments are all distinguished by their transaction types stored in RA\_CUST\_TRX\_TYPES\_ALL.

If you entered a credit memo, PREVIOUS\_CUSTOMER\_TRX\_ID stores the customer transaction ID of the invoice you credited. In the case of on account credits, which are not related to any invoice at creation, PREVIOUS\_CUSTOMER\_TRX\_ID is null.

If you created an invoice against a commitment, Oracle Receivables stores the customer transaction ID of the commitment in INITIAL\_CUSTOMER\_TRX\_ID, otherwise it is null.

COMPLETE\_FLAG stores 'Y' for Yes and 'N' for No to indicate if your invoice is complete. When you complete an invoice, Oracle Receivables creates your payment schedules and updates any commitments against this invoice. Before an invoice can be completed, it must have at least one invoice line, revenue records must exist for each line and add up to the line amount, and a sales tax record must exist for each line.

SOLD\_TO\_CUSTOMER\_ID, SOLD\_TO\_SITE\_USE\_ID, BILL\_TO\_CUSTOMER\_ID, BILL\_TO\_SITE\_USE\_ID, SHIP\_TO\_SITE\_USE\_ID, PRINTING\_OPTION, PRINTING\_PENDING, TERM\_ID, REMIT\_TO\_ADDRESS\_ID, PRIMARY\_SALES\_REP\_ID, and INVOICE\_CURRENCY\_CODE are required even though they are null allowed.

The primary key for this table is CUSTOMER\_TRX\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_BANK_ACCOUNTS_ALL	BANK_ACCOUNT_ID	CUSTOMER_BANK_ACCOUNT_ID
AR_POSTING_CONTROL	POSTING_CONTROL_ID	POSTING_CONTROL_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_DOCUMENT_SEQUENCES	DOC_SEQUENCE_ID	DOC_SEQUENCE_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
RA_ADDRESSES_ALL	ADDRESS_ID	REMIT_TO_ADDRESS_ID
RA_BATCH_SOURCES_ALL	BATCH_SOURCE_ID	BATCH_SOURCE_ID
RA_CONTACTS	CONTACT_ID	BILL_TO_CONTACT_ID
RA_CONTACTS	CONTACT_ID	SOLD_TO_CONTACT_ID
RA_CONTACTS	CONTACT_ID	SHIP_TO_CONTACT_ID
RA_CUSTOMERS	CUSTOMER_ID	SOLD_TO_CUSTOMER_ID

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# Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
RA_CUSTOMERS	CUSTOMER_ID	BILL_TO_CUSTOMER_ID
RA_CUSTOMERS	CUSTOMER_ID	SHIP_TO_CUSTOMER_ID
RA_CUSTOMERS	CUSTOMER_ID	PAYING_CUSTOMER_ID
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	PREVIOUS_CUSTOMER_TRX_ID
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	PREVIOUS_CUSTOMER_TRX_ID
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	INITIAL_CUSTOMER_TRX_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	CUST_TRX_TYPE_ID
RA_SALESREPS_ALL	SALESREP_ID	PRIMARY_SALESREP_ID
RA_SITE_USES_ALL	SITE_USE_ID	SOLD_TO_SITE_USE_ID
RA_SITE_USES_ALL	SITE_USE_ID	BILL_TO_SITE_USE_ID
RA_SITE_USES_ALL	SITE_USE_ID	SHIP_TO_SITE_USE_ID
RA_SITE_USES_ALL	SITE_USE_ID	PAYING_SITE_USE_ID
RA_TERMS_B	TERM_ID	TERM_ID
SO_AGREEMENTS_B	AGREEMENT_ID	AGREEMENT_ID

# QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PRINTING_OPTION	INVOICE_PRINT_OPTIONS	AR_LOOKUPS
	NOT	Do Not Print
	PRI	Print
REASON_CODE	INVOICING_REASON	AR_LOOKUPS
	A/R ERROR	A/R ERROR
	CANCELLATION	CANCELLATION
	CREDIT and REBILL	CREDIT and REBILL
	DUPLICATE BILLING	DUPLICATE BILLING
	FOREIGN	FOREIGN
	FREE PRODUCT	FREE PRODUCT
	LATE PAYMENT	LATE PAYMENT
	ORDER ENTRY ERROR	ORDER ENTRY ERROR
	RETURN	RETURN
	SALES TAX ERROR	SALES TAX ERROR
	SHIPPING and HANDLING	SHIPPING and HANDLING
	User defined	
	WRONG FREIGHT	WRONG FREIGHT
	WRONG TAX RATE	WRONG TAX RATE

# Column Descriptions

Name	Null?	Type	Description
CUSTOMER_TRX_ID (PK)	NOT NULL	NUMBER(15)	Invoice 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	NULL	NUMBER(15)	Standard Who column
TRX_NUMBER	NOT NULL	VARCHAR2(20)	Transaction number
CUST_TRX_TYPE_ID	NOT NULL	NUMBER(15)	Transaction type identifier
TRX_DATE	NOT NULL	DATE	Invoice date
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
BILL_TO_CONTACT_ID	NULL	NUMBER(15)	Contact identifier to send bills
BATCH_ID	NULL	NUMBER(15)	Batch identifier
BATCH_SOURCE_ID	NULL	NUMBER(15)	Batch source identifier
REASON_CODE	NULL	VARCHAR2(30)	Reason code identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
SOLD_TO_CUSTOMER_ID	NULL	NUMBER(15)	Customer identifier
SOLD_TO_CONTACT_ID	NULL	NUMBER(15)	Sold to contact identifier
SOLD_TO_SITE_USE_ID	NULL	NUMBER(15)	Sold to site use identifier
BILL_TO_CUSTOMER_ID	NULL	NUMBER(15)	Customer identifier
BILL_TO_SITE_USE_ID	NULL	NUMBER(15)	Site use identifier billed
SHIP_TO_CUSTOMER_ID	NULL	NUMBER(15)	Customer identifier
SHIP_TO_CONTACT_ID	NULL	NUMBER(15)	Contact identifier for shipments
SHIP_TO_SITE_USE_ID	NULL	NUMBER(15)	Site identifier for the shipments
SHIPMENT_ID	NULL	NUMBER(15)	Not currently used
REMIT_TO_ADDRESS_ID	NULL	NUMBER(15)	Remit to address identifier
TERM_ID	NULL	NUMBER(15)	Payment term identifier
TERM_DUE_DATE	NULL	DATE	Due date of the first payment
PREVIOUS_CUSTOMER_TRX_ID	NULL	NUMBER(15)	Identifier for invoice credited
PRIMARY_SALESREP_ID	NULL	NUMBER(15)	Salerep given primary credit for the transaction
PRINTING_ORIGINAL_DATE	NULL	DATE	Date the first installment is printed
PRINTING_LAST_PRINTED	NULL	DATE	Last date any installment was printed
PRINTING_OPTION	NULL	VARCHAR2(20)	Revenue Accounting lookup code for 'INVOICE_PRINT_OPTIONS'
PRINTING_COUNT	NULL	NUMBER(15)	This column shows the number of times this invoice has been printed. If there are multiple installments for this invoice, this will increment once for every installment that was printed.
PRINTING_PENDING	NULL	VARCHAR2(1)	Y or N indicates whether this invoice is waiting to be printed
PURCHASE_ORDER	NULL	VARCHAR2(50)	Purchase order
PURCHASE_ORDER_REVISION	NULL	VARCHAR2(50)	Purchase order revision
PURCHASE_ORDER_DATE	NULL	DATE	Date of purchase order
CUSTOMER_REFERENCE	NULL	VARCHAR2(30)	Customer identifier from foreign system
CUSTOMER_REFERENCE_DATE	NULL	DATE	Not currently used
COMMENTS	NULL	VARCHAR2(240)	Not currently used
INTERNAL_NOTES	NULL	VARCHAR2(240)	Notes not printed on invoice
EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	Exchange rate type
EXCHANGE_DATE	NULL	DATE	Date of the exchange rate
EXCHANGE_RATE	NULL	NUMBER	Exchange rate
TERRITORY_ID	NULL	NUMBER(15)	Territory identifier
INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Invoice currency
INITIAL_CUSTOMER_TRX_ID	NULL	NUMBER(15)	Identifier of a related commitment
AGREEMENT_ID	NULL	NUMBER(15)	Agreement identifier
END_DATE_COMMITMENT	NULL	DATE	Date a commitment becomes active
START_DATE_COMMITMENT	NULL	DATE	Date a commitment becomes inactive
LAST_PRINTED_SEQUENCE_NUM	NULL	NUMBER(15)	Last installment printed
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
ORIG_SYSTEM_BATCH_NAME	NULL	VARCHAR2(40)	Batch identifier from foreign system
POST_REQUEST_ID	NULL	NUMBER(15)	No longer used
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record.
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
FINANCE_CHARGES	NULL	VARCHAR2(1)	Y or N indicates whether finance charges are included
COMPLETE_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether the invoice is complete
POSTING_CONTROL_ID	NULL	NUMBER(15)	No longer used; -1 means this record was posted by the old posting program (ARXGLP); -2 means it was posted from Revenue Accounting (pre-Release 10)
BILL_TO_ADDRESS_ID	NULL	NUMBER(15)	Identifies the Bill-To address
RA_POST_LOOP_NUMBER	NULL	NUMBER(15)	No longer used
SHIP_TO_ADDRESS_ID	NULL	NUMBER(15)	Identifies the Ship-To address
CREDIT_METHOD_FOR_RULES	NULL	VARCHAR2(30)	Rule to use when crediting invoice account assignments for invoices that use invoicing and accounting rules
CREDIT_METHOD_FOR_INSTALLMENTS	NULL	VARCHAR2(30)	Rule to use when crediting the payment schedules of split term transactions
RECEIPT_METHOD_ID	NULL	NUMBER(15)	Receipt method identifier
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
RELATED_CUSTOMER_TRX_ID	NULL	NUMBER(15)	Related transaction identifier
INVOICING_RULE_ID	NULL	NUMBER(15)	Invoicing Rule identifier
SHIP_VIA	NULL	VARCHAR2(30)	Ship via
SHIP_DATE_ACTUAL	NULL	DATE	Ship date
WAYBILL_NUMBER	NULL	VARCHAR2(50)	Waybill number
FOB_POINT	NULL	VARCHAR2(30)	Free On Board point
CUSTOMER_BANK_ACCOUNT_ID	NULL	NUMBER(15)	Identifies the customer bank account
INTERFACE_HEADER_ATTRIBUTE1	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE2	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE3	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE4	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE5	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE6	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE7	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE8	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_CONTEXT	NULL	VARCHAR2(30)	Interface header context
DEFAULT_USSGL_TRX_CODE_CONTEXT	NULL	VARCHAR2(30)	Default context value for the USSGL Transaction Code Flexfield
INTERFACE_HEADER_ATTRIBUTE10	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE11	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE12	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE13	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE14	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE15	NULL	VARCHAR2(30)	Interface header attribute value
INTERFACE_HEADER_ATTRIBUTE9	NULL	VARCHAR2(30)	Interface header attribute value
DEFAULT_USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Default value for the USSGL Transaction Code Flexfield
RECURRED_FROM_TRX_NUMBER	NULL	VARCHAR2(20)	Model transaction for this record
STATUS_TRX	NULL	VARCHAR2(30)	The status of the transaction
DOC_SEQUENCE_ID	NULL	NUMBER(15)	Identifies the document sequence
DOC_SEQUENCE_VALUE	NULL	NUMBER(15)	The value of the document sequence
PAYING_CUSTOMER_ID	NULL	NUMBER(15)	This column is required when the receipt_method_id column is an automatic payment method, otherwise this column should be left null.

Column Descriptions (Continued)

Name	Null?	Type	Description
PAYING_SITE_USE_ID	NULL	NUMBER(15)	This column is required when the receipt_method_id column is an automatic payment method, otherwise it must be left null.
RELATED_BATCH_SOURCE_ID	NULL	NUMBER(15)	Related batch source identifier
DEFAULT_TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	This column defaults to the tax exempt flag in RA_CUSTOMER_TRX_LINES_ALL upon manual data entry.
CREATED_FROM	NOT NULL	VARCHAR2(30)	This column indicates where this record was created. It can have values such as RAXTRX (AutoInvoice), RAXMATRX (Transactions window), ARXMAECM (CreditTransactions window), EARLY_REL10 (pre-production version of r10), FORM_REL9 (r9 form).
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
WH_UPDATE_DATE	NULL	DATE	Date sent to data warehouse
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

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GLOBAL_ATTRIBUTE21	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE22	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE23	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE24	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE25	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE26	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE27	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE28	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE29	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE30	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
EDI_PROCESSED_FLAG	NULL	VARCHAR2(1)	Y or N indicates whether this invoice was processed by EDI
EDI_PROCESSED_STATUS	NULL	VARCHAR2(10)	Status of the invoice (used by EDI)
MRC_EXCHANGE_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID, currency conversion rate type pairs
MRC_EXCHANGE_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID, currency conversion date pairs
MRC_EXCHANGE_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting set of books ID, currency conversion rate pairs
PAYMENT_SERVER_ORDER_NUM	NULL	VARCHAR2(80)	A number that indicates the credit card payment was authorized by Oracle Payment Server.
APPROVAL_CODE	NULL	VARCHAR2(50)	Payment approval code returned by credit card issuer
ADDRESS_VERIFICATION_CODE	NULL	VARCHAR2(80)	Credit card address verification code returned by Oracle Payment Server
OLD_TRX_NUMBER	NULL	VARCHAR2(20)	If the transaction batch source option Copy Document Number to Transaction Number is set to Yes, this column stores the old transaction number.

*Indexes*

Index Name	Index Type	Sequence	Column Name
RA_CUSTOMER_TRX_N1	NOT UNIQUE	1	TRX_NUMBER
RA_CUSTOMER_TRX_N10	NOT UNIQUE	1	PAYING_SITE_USE_ID
RA_CUSTOMER_TRX_N11	NOT UNIQUE	1	BILL_TO_CUSTOMER_ID

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RA_CUSTOMER_TRX_N12	NOT UNIQUE	1	BATCH_ID
RA_CUSTOMER_TRX_N13	NOT UNIQUE	1	PRINTING_LAST_PRINTED
RA_CUSTOMER_TRX_N14	NOT UNIQUE	1	LAST_UPDATE_DATE
RA_CUSTOMER_TRX_N15	NOT UNIQUE	1	REQUEST_ID

#### Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
RA_CUSTOMER_TRX_N16	NOT UNIQUE	1	INITIAL_CUSTOMER_TRX_ID
RA_CUSTOMER_TRX_N17	NOT UNIQUE	1	PRINTING_PENDING
		2	TRX_DATE
RA_CUSTOMER_TRX_N18	NOT UNIQUE	1	SHIP_TO_CUSTOMER_ID
RA_CUSTOMER_TRX_N19	NOT UNIQUE	5	GLOBAL_ATTRIBUTE1
RA_CUSTOMER_TRX_N2	NOT UNIQUE	1	PURCHASE_ORDER
RA_CUSTOMER_TRX_N20	NOT UNIQUE	1	SOLD_TO_CUSTOMER_ID
RA_CUSTOMER_TRX_N5	NOT UNIQUE	1	TRX_DATE
RA_CUSTOMER_TRX_N6	NOT UNIQUE	1	PREVIOUS_CUSTOMER_TRX_ID
RA_CUSTOMER_TRX_N7	NOT UNIQUE	1	CREATION_DATE
RA_CUSTOMER_TRX_N9	NOT UNIQUE	1	PAYING_CUSTOMER_ID
RA_CUSTOMER_TRX_U1	UNIQUE	1	CUSTOMER_TRX_ID

#### Sequences

Sequence	Derived Column
RA_CUSTOMER_TRX_S	CUSTOMER_TRX_ID

#### Database Triggers

Trigger Name : JG\_ZZ\_AR\_AUTO\_TRX\_NUM\_UPD  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This database trigger updates transaction number with a country specific number when transaction is completed

Trigger Name : GMF\_AR\_CUST\_TRX\_AIUR\_TG  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT, UPDATE

This trigger will update the status of the OPM sales order lines to INVOICED and OPM sales order to either PARTIALLY INVOICED or INVOICED after Auto-Invoicing inserts a row for them in ra\_customer\_trx\_All table.

	STATUS-CODE	STATUS
22	Partially Invoiced	23
Invoiced		

Trigger Name : AX\_RA\_CUSTOMER\_TRX\_ARD1  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : DELETE

This trigger captures information needed to create subledger accounting events when Oracle Receivables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events related to Oracle Receivables transactions. It fires right after a transaction is deleted.

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Trigger Name : AX\_RA\_CUSTOMER\_TRX\_ARU1  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger captures information needed to create subledger accounting events when Oracle Receivables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events related to Oracle Receivables transactions. It fires right after a transaction is changed.

Trigger Name : AX\_RA\_CUSTOMER\_TRX\_BRI1  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This trigger captures information needed to create subledger accounting events when Oracle Receivables and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger may insert/update/delete rows in the AX\_DOCUMENT\_STATUSES and AX\_EVENTS tables. This trigger captures accounting events related to Oracle Receivables transactions. It fires right before a transaction is created.

Trigger Name : JL\_AR\_AR\_RECT\_DM\_TRX\_NUM\_INS  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

Updates transaction number of the debit memo created from receipt workbench during receipt reversal. This trigger is active only if Latin American Localizations is used.

Trigger Name : JL\_BR\_AR\_AUTO\_INT\_PARAM  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

Defaults Interest Parameters into the global attributes of RA\_CUSTOMER\_TRX\_ALL table if a transaction is created by autoinvoice. This trigger is active only if Latin American Localizations is used.

Trigger Name : RA\_MRC\_CUSTOMER\_TRX\_BIUD  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This MRC trigger only exists when you install the Multiple Reporting Currencies feature. It is executed when you perform an insert, update, or delete statement on the table RA\_CUSTOMER\_TRX\_ALL. For each record being inserted/updated/deleted in RA\_CUSTOMER\_TRX\_ALL, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, RA\_MC\_CUSTOMER\_TRX. In addition, this trigger also populates the MRC VARCHAR2 columns in RA\_CUSTOMER\_TRX\_ALL.

Trigger Name : JL\_BR\_AR\_OCC\_DOCS\_DIS\_N\_OTHER  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

Inserts a new record in JL\_BR\_AR\_OCCURRENCE\_DOCS\_ALL after update of interest parameters of an invoice which is in the bank to be collected. This trigger fires after update on global\_attribute1, global\_attribute1, global\_attribute2, global\_attribute3, and global\_attribute5, fields of RA\_CUSTOMER\_TRX\_ALL table. This trigger is active only if Latin American Localizations is used.



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## RA\_CUSTOMER\_TRX\_LINES\_ALL

This table stores information about invoice, debit memo, credit memo, and commitment lines. For example, an invoice can have one line for Product A and another line for Product B. You need one row for each line.

Invoice, debit memo, credit memo, and commitment lines are distinguished by the transaction type of the corresponding RA\_CUSTOMER\_TRX\_ALL record. Also, credit memos are required to have a value in PREVIOUS\_CUSTOMER\_TRX\_LINE\_ID, except on account credits which are not related to specific invoices/invoice lines at creation time, will not have values in this column.

QUANTITY\_ORDERED stores the amount of product ordered. QUANTITY\_INVOICED stores the amount of product invoiced. For invoices entered through the window, QUANTITY\_ORDERED and QUANTITY\_INVOICED must be the same. For invoices imported through AutoInvoice, QUANTITY\_ORDERED and QUANTITY\_INVOICED can be different.

If you enter a credit memo, QUANTITY\_CREDITED stores the amount of product credited.

UOM\_CODE stores the unit of measure code as defined in MTL\_UNITS\_OF\_MEASURE.

UNIT\_STANDARD\_PRICE stores the list price per unit for this transaction line. UNIT\_SELLING\_PRICE stores the selling price per unit for this transaction line. For transactions imported through AutoInvoice, UNIT\_STANDARD\_PRICE and UNIT\_SELLING\_PRICE can be different.

DESCRIPTION, TAXING\_RULE, QUANTITY\_ORDERED, UNIT\_STANDARD\_PRICE, UOM\_CODE, and UNIT\_SELLING\_PRICE are required even though they are null allowed.

LINE\_TYPE differentiates between the different types of lines that are stored in this table. LINE points to regular invoice lines that normally refer to an item. TAX signifies that this is a tax line. The column LINK\_TO\_CUST\_TRX\_LINE\_ID references another row in this table that is the invoice line associated with the row of type TAX. FREIGHT works the same way as TAX but there you can have at most one FREIGHT type line per invoice line of type LINE. You can also have one line of type FREIGHT that has a null LINK\_TO\_CUST\_TRX\_LINE\_ID (and this is referred to as header level

freight). CHARGES works just like the LINE type. A line\_type of 'CB' is created for a Chargeback line.

The primary key for this table is CUSTOMER\_TRX\_LINE\_ID.

For every row in this table that belongs to a complete transaction (where RA\_CUSTOMER\_TRX.COMPLETE\_FLAG = 'Y'), there must be at least one row in the table RA\_CUST\_TRX\_LINE\_GL\_DIST (which stores accounting information), even for non-postable transactions.

#### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_SEGMENT_ID
AR_MEMO_LINES_ALL_B	MEMO_LINE_ID	MEMO_LINE_ID
AR_SALES_TAX	SALES_TAX_ID	SALES_TAX_ID
AR_VAT_TAX_ALL_B	VAT_TAX_ID	VAT_TAX_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	UOM_CODE
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	CUSTOMER_TRX_ID
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	PREVIOUS_CUSTOMER_TRX_ID
RA_CUSTOMER_TRX_LINES_ALL	CUSTOMER_TRX_LINE_ID	PREVIOUS_CUSTOMER_TRX_LINE_ID
RA_CUSTOMER_TRX_LINES_ALL	CUSTOMER_TRX_LINE_ID	INITIAL_CUSTOMER_TRX_LINE_ID
RA_CUSTOMER_TRX_LINES_ALL	CUSTOMER_TRX_LINE_ID	LINK_TO_CUST_TRX_LINE_ID
RA_ITEM_EXCEPTION_RATES	ITEM_EXCEPTION_RATE_ID	ITEM_EXCEPTION_RATE_ID
RA_RULES	RULE_ID	ACCOUNTING_RULE_ID
RA_TAX_EXEMPTIONS_ALL	TAX_EXEMPTION_ID	TAX_EXEMPTION_ID

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REASON_CODE	INVOICING_REASON	AR_LOOKUPS
	A/R ERROR	A/R ERROR
	CANCELLATION	CANCELLATION
	CREDIT and REBILL	CREDIT and REBILL
	DUPLICATE BILLING	DUPLICATE BILLING
	FOREIGN	FOREIGN
	FREE PRODUCT	FREE PRODUCT
	LATE PAYMENT	LATE PAYMENT
	ORDER ENTRY ERROR	ORDER ENTRY ERROR
	RETURN	RETURN
	SALES TAX ERROR	SALES TAX ERROR
	SHIPPING and HANDLING	SHIPPING and HANDLING
	User defined	
	WRONG FREIGHT	WRONG FREIGHT
	WRONG TAX RATE	WRONG TAX RATE

#### Column Descriptions

Name	Null?	Type	Description
CUSTOMER_TRX_LINE_ID (PK)	NOT NULL	NUMBER(15)	Invoice line 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

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LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CUSTOMER_TRX_ID	NOT NULL	NUMBER(15)	Invoice identifier
LINE_NUMBER	NOT NULL	NUMBER	Line number of the invoice

*Column Descriptions (Continued)*

Name	Null?	Type	Description
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
REASON_CODE	NULL	VARCHAR2(30)	Reason code identifier
INVENTORY_ITEM_ID	NULL	NUMBER(15)	Inventory item identifier. Mutually exclusive with the column MEMO_LINE_ID.
DESCRIPTION	NULL	VARCHAR2(240)	Line description
PREVIOUS_CUSTOMER_TRX_ID	NULL	NUMBER(15)	Credit memo's invoice identifier
PREVIOUS_CUSTOMER_TRX_LINE_ID	NULL	NUMBER(15)	Credit memo line's invoice line identifier
QUANTITY_ORDERED	NULL	NUMBER	Quantity of an order
QUANTITY_CREDITED	NULL	NUMBER	Quantity credited
QUANTITY_INVOICED	NULL	NUMBER	Quantity of invoice line
UNIT_STANDARD_PRICE	NULL	NUMBER	List price per unit. Price is gross of inclusive taxes. There is no separate gross standard price.
UNIT_SELLING_PRICE	NULL	NUMBER	Selling price per unit for a transaction line
SALES_ORDER	NULL	VARCHAR2(50)	Sales order
SALES_ORDER_REVISION	NULL	NUMBER	Not currently used
SALES_ORDER_LINE	NULL	VARCHAR2(30)	Sales order line
SALES_ORDER_DATE	NULL	DATE	Sales order date
ACCOUNTING_RULE_ID	NULL	NUMBER(15)	Accounting rule identifier
ACCOUNTING_RULE_DURATION	NULL	NUMBER(15)	The number of periods in which revenue is to be recognized. Must be filled in for lines with fixed and variable duration rules.
LINE_TYPE	NOT NULL	VARCHAR2(20)	Receivables lookup code for STD_LINE_TYPE
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
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record

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PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
RULE_START_DATE	NULL	DATE	Not currently used
INITIAL_CUSTOMER_TRX_LINE_ID	NULL	NUMBER(15)	Identifies the initial transaction line for the customer
INTERFACE_LINE_CONTEXT	NULL	VARCHAR2(30)	Interface line context
INTERFACE_LINE_ATTRIBUTE1	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE2	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE3	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE4	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE5	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE6	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE7	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE8	NULL	VARCHAR2(30)	Interface line attribute value
SALES_ORDER_SOURCE	NULL	VARCHAR2(50)	The source of the sales order
TAXABLE_FLAG	NULL	VARCHAR2(1)	No longer used
EXTENDED_AMOUNT	NOT NULL	NUMBER	Transaction line amount
REVENUE_AMOUNT	NULL	NUMBER	Transaction line revenue amount
AUTORULE_COMPLETE_FLAG	NULL	VARCHAR2(1)	Y or N indicates whether all account assignments have been created
LINK_TO_CUST_TRX_LINE_ID	NULL	NUMBER(15)	Link to transaction line identifier
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
TAX_PRECEDENCE	NULL	NUMBER	Tax precedence for a tax line
TAX_RATE	NULL	NUMBER	Tax rate for a line
ITEM_EXCEPTION_RATE_ID	NULL	NUMBER(15)	Tax exception identifier
TAX_EXEMPTION_ID	NULL	NUMBER(15)	Tax exemption identifier
MEMO_LINE_ID	NULL	NUMBER(15)	Memo line description identifier. Mutually exclusive with the column INVENTORY_ITEM_ID.
AUTORULE_DURATION_PROCESSED	NULL	NUMBER(15)	Number of times revenue recognition has created distributions for the line
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
DEFAULT_USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	Default value for the USSGL Transaction Code Flexfield
DEFAULT_USSGL_TRX_CODE_CONTEXT	NULL	VARCHAR2(30)	Default context value for the USSGL Transaction Code Flexfield

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INTERFACE_LINE_ATTRIBUTE10	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE11	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE12	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE13	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE14	NULL	VARCHAR2(30)	Interface line attribute value

*Column Descriptions (Continued)*

Name	Null?	Type	Description
INTERFACE_LINE_ATTRIBUTE15	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE9	NULL	VARCHAR2(30)	Interface line attribute value
VAT_TAX_ID	NULL	NUMBER(15)	Unique identifier for AR_VAT_TAX
AUTOTAX	NULL	VARCHAR2(1)	Set to "Y" if this tax line was generated automatically by the tax engine
LAST_PERIOD_TO_CREDIT	NULL	NUMBER	Last period to credit for unit credit memos against invoices with rules
ITEM_CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	Tax Lines are controlled by the lookup (TAX_CONTROL_FLAG), which allows for Standard tax, Exempt Tax and Required Tax.
TAX_EXEMPT_NUMBER	NULL	VARCHAR2(80)	Exemption Certificate Number, for item lines that have tax_exempt_flag set to "E" (exempt)
TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	Tax Exempt Reason, for item lines that have tax_exempt_flag set to "E" (exempt)
TAX_VENDOR_RETURN_CODE	NULL	VARCHAR2(30)	Warning code returned during vendor calculation of a sales tax rate, used for diagnostics and support. Only applicable if the artaxvdr() returns TAX_SUCCESS
SALES_TAX_ID	NULL	NUMBER(15)	Not currently used in the production release - replaced by location_segment_id
LOCATION_SEGMENT_ID	NULL	NUMBER(15)	This column points to the record in AR_LOCATION_VALUES from which AutoAccounting derived the tax account for this line
MOVEMENT_ID	NULL	NUMBER(15)	Intrastat movement ID number
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
WH_UPDATE_DATE	NULL	DATE	Date sent to data warehouse
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

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GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

*Column Descriptions (Continued)*

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
GROSS_UNIT_SELLING_PRICE	NULL	NUMBER	Unit selling price inclusive of tax amounts
GROSS_EXTENDED_AMOUNT	NULL	NUMBER	Amount gross of inclusive tax amounts
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	'Y' indicates tax is inclusive; 'N' indicates tax is exclusive; NULL for lines indicates tax is not-overridable or tax is a tax group; cannot be NULL for tax types; must be NULL for other types.
TAXABLE_AMOUNT	NULL	NUMBER	The taxable amount for lines of type Tax that are tax-inclusive.
WAREHOUSE_ID	NULL	NUMBER(15)	Foreign key to HR_ORGANIZATIONS. The warehouse identifies the ship-from location and can be used to control taxation. Within the US, the Warehouse ID is important when calculating tax on the Origin/Modified Origin state sales tax (outside the US you can use Tax Groups and Conditions to build a schedule of multiple conditional taxes based on both the ship-from and ship-to County/County/State or Provinces).
TRANSLATED_DESCRIPTION	NULL	VARCHAR2(240)	Translated description of this transaction line.

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### Indexes

Index Name	Index Type	Sequence	Column Name
RA_CUSTOMER_TRX_LINES_N1	NOT UNIQUE	1	PREVIOUS_CUSTOMER_TRX_LINE_ID
		2	LINE_NUMBER
RA_CUSTOMER_TRX_LINES_N2	NOT UNIQUE	1	CUSTOMER_TRX_ID
		2	LINE_NUMBER
RA_CUSTOMER_TRX_LINES_N3	NOT UNIQUE	1	LINK_TO_CUST_TRX_LINE_ID
RA_CUSTOMER_TRX_LINES_N4	NOT UNIQUE	2	REQUEST_ID
RA_CUSTOMER_TRX_LINES_N5	NOT UNIQUE	1	PREVIOUS_CUSTOMER_TRX_ID

### Indexes (Continued)

Name	Null?	Type	Description
RA_CUSTOMER_TRX_LINES_N6	NOT	UNIQUE	AUTORULE_COMPLETE_FLAG
RA_CUSTOMER_TRX_LINES_N7	NOT	UNIQUE	SALES_TAX_ID
RA_CUSTOMER_TRX_LINES_N8	NOT	UNIQUE	ITEM_EXCEPTION_RATE_ID
RA_CUSTOMER_TRX_LINES_N9	NOT	UNIQUE	SALES_ORDER
RA_CUSTOMER_TRX_LINES_U1		UNIQUE	CUSTOMER_TRX_LINE_ID

### Sequences

Sequence	Derived Column
RA_CUSTOMER_TRX_LINES_S	CUSTOMER_TRX_LINE_ID

### Database Triggers

Trigger Name : GMF\_AR\_FLXVAL  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE

The trigger validates that the attribute7-10 have values in them. This is only done if this is a credit memo line for a OPM invoice and the transaction type attribute10 indicates a return to inventory.

RA\_CUST\_TRX\_TYPES\_ALL

This table stores information about each transaction type used for invoices, commitments and credit memos. Each row includes AutoAccounting information as well as standard defaults for the resulting invoices.

POST\_TO\_GL stores 'Y' for Yes and 'N' for No to indicate whether this transaction can post to your general ledger.

ACCOUNTING\_AFFECT\_FLAG stores 'Y' for Yes and 'N' for No to indicate whether this transaction can update your open receivables balances. If this is 'Y', you can see this transactions in your agings.

TYPE contains 'INV' for invoices, 'CM' for credit memos, 'DM' for debit memos, 'DEP' for deposits, and 'GUAR' for guarantees.

If AutoAccounting is based on transaction type, GL\_ID\_REV, GL\_ID\_FREIGHT, and GL\_ID\_REC stores the default revenue, freight, and receivables accounts.

STATUS and CREDIT\_MEMO\_TYPE\_ID are required even though they are null allowed.

The primary key for this table is CUST\_TRX\_TYPE\_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_REV
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_FREIGHT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_REC
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	CREDIT_MEMO_TYPE_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	SUBSEQUENT_TRX_TYPE_ID
RA_TERMS_B	TERM_ID	DEFAULT_TERM

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TYPE	INV/CM	AR_LOOKUPS
	CB	Chargeback
	CM	Credit Memo
	DEP	Deposit
	DM	Debit Memo
	GUAR	Guarantee
	INV	Invoice
	PMT	Receipt

Column Descriptions

Name	Null?	Type	Description
CUST_TRX_TYPE_ID (PK)	NOT NULL	NUMBER(15)	Transaction type identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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	NULL	NUMBER(15)	Standard Who column
POST_TO_GL	NOT NULL	VARCHAR2(1)	Y or N indicates whether transactions should be posted to the General Ledger
ACCOUNTING_AFFECT_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether transactions affect open receivable balances
CREDIT_MEMO_TYPE_ID	NULL	NUMBER(15)	Transaction type identifier of subsequent credit memos
STATUS	NULL	VARCHAR2(30)	Transaction type status flag. Lookup code for 'CODE_STATUS'
NAME	NULL	VARCHAR2(20)	Transaction type name
DESCRIPTION	NULL	VARCHAR2(80)	Transaction type description
TYPE	NULL	VARCHAR2(20)	Transaction Class, could be one of: INV,CM,DM,GUAR,DEP,CB
DEFAULT_TERM	NULL	NUMBER(15)	Term to default for invoices of this type
DEFAULT_PRINTING_OPTION	NOT NULL	VARCHAR2(20)	Printing option to default for invoices of this type
DEFAULT_STATUS	NOT NULL	VARCHAR2(20)	Status to default for invoices of this type
GL_ID_REV	NULL	NUMBER(15)	Revenue Account identifier
GL_ID_FREIGHT	NULL	NUMBER(15)	Freight Account identifier
GL_ID_REC	NULL	NUMBER(15)	Receivables Account identifier
SUBSEQUENT_TRX_TYPE_ID	NULL	NUMBER(15)	Invoice type for invoices related to a commitment of this type
SET_OF_BOOKS_ID	NULL	NUMBER(15)	Set of books identifier
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
ALLOW_FREIGHT_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether freight is allowed with the transaction
ALLOW_OVERAPPLICATION_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether applications can exceed the transaction amount

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_SIGN	NOT NULL	VARCHAR2(30)	Determines allowable signs for transactions
END_DATE	NULL	DATE	Transaction type end date
GL_ID_CLEARING	NULL	NUMBER(15)	Clearing Account identifier
GL_ID_TAX	NULL	NUMBER(15)	Tax Account identifier
GL_ID_UNBILLED	NULL	NUMBER(15)	Unbilled Account identifier
GL_ID_UNEARNED	NULL	NUMBER(15)	Unearned Account identifier
START_DATE	NOT NULL	DATE	Transaction type start date
TAX_CALCULATION_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether tax is allowed on transactions
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
NATURAL_APPLICATION_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Yes or No flag indicates whether you want to restrict the direction in which items with this transaction type can be updated by applications entered against them
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
RULE_SET_ID	NULL	NUMBER	Application rule set ID for this transaction type

Indexes

Index Name	Index Type	Sequence	Column Name
RA_CUST_TRX_TYPES_U1	UNIQUE	1 3	CUST_TRX_TYPE_ID ORG_ID

Sequences

Sequence	Derived Column
RA_CUST_TRX_TYPES_S	CUST_TRX_TYPE_ID

## RA\_INTERFACE\_DISTRIBUTIONS\_ALL

This table stores information about the accounting distributions for transactions imported using AutoInvoice. If you do not use AutoAccounting, you must enter accounting distributions for your transactions.

If your accounting distributions are for transactions that use accounting rules, you must enter the percentages, but not the amounts. If you enter the amounts, AutoInvoice will ignore those values.

If your accounting distributions are for transactions that do not use accounting rules, you can enter either the percentages or amounts, depending on the value you entered for your batch source. If you enter an amount, AutoInvoice requires that the distribution amounts sum to the amount of the transaction. If you enter a percent, AutoInvoice requires that the distribution percentages sum to 100 for each account class you pass.

### Column Descriptions

Name	Null?	Type	Description
INTERFACE_DISTRIBUTION_ID (PK)	NULL	NUMBER(15)	Interface Distribution Identifier
INTERFACE_LINE_ID	NULL	NUMBER(15)	Interface Line Identifier
INTERFACE_LINE_CONTEXT	NULL	VARCHAR2(30)	Context name of the Line Transaction Flexfield
INTERFACE_LINE_ATTRIBUTE1	NULL	VARCHAR2(30)	Line Transaction Flexfield
INTERFACE_LINE_ATTRIBUTE2	NULL	VARCHAR2(30)	Line Transaction Flexfield
INTERFACE_LINE_ATTRIBUTE3	NULL	VARCHAR2(30)	Line Transaction Flexfield
INTERFACE_LINE_ATTRIBUTE4	NULL	VARCHAR2(30)	Line Transaction Flexfield
INTERFACE_LINE_ATTRIBUTE5	NULL	VARCHAR2(30)	Line Transaction Flexfield
INTERFACE_LINE_ATTRIBUTE6	NULL	VARCHAR2(30)	Line Transaction Flexfield
INTERFACE_LINE_ATTRIBUTE7	NULL	VARCHAR2(30)	Line Transaction Flexfield
INTERFACE_LINE_ATTRIBUTE8	NULL	VARCHAR2(30)	Line Transaction Flexfield
ACCOUNT_CLASS	NOT NULL	VARCHAR2(20)	Account Class for this accounting distribution
AMOUNT	NULL	NUMBER	The amount for this accounting distribution
PERCENT	NULL	NUMBER	The percent for this accounting distribution
INTERFACE_STATUS	NULL	VARCHAR2(1)	Identifies Concurrent request, used by AutoInvoice
REQUEST_ID	NULL	NUMBER(15)	Identifies Concurrent request, used by AutoInvoice
CODE_COMBINATION_ID	NULL	NUMBER(15)	Code combination identifier of the accounting flexfield for this accounting distribution
SEGMENT1	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT2	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT3	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT4	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT5	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT6	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT7	NULL	VARCHAR2(25)	Accounting Flexfield Segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT8	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT9	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT10	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT11	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT12	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT13	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT14	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT15	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT16	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT17	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT18	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT19	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT20	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT21	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT22	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT23	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT24	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT25	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT26	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT27	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT28	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT29	NULL	VARCHAR2(25)	Accounting Flexfield Segment
SEGMENT30	NULL	VARCHAR2(25)	Accounting Flexfield Segment
COMMENTS	NULL	VARCHAR2(240)	Comments about this accounting distributions
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
ACCTD_AMOUNT	NULL	NUMBER	Optional column

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Column Descriptions (Continued)

Name	Null?	Type	Description
INTERFACE_LINE_ATTRIBUTE10	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE11	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE12	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE13	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE14	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE15	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE9	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
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
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
INTERIM_TAX_CCID	NULL	NUMBER(15)	Code combination ID for the Interim Tax account.
INTERIM_TAX_SEGMENT1	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT2	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT3	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT4	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT5	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT6	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT7	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT8	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT9	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT10	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT11	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT12	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT13	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT14	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT15	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT16	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT17	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT18	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT19	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT20	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT21	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT22	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account

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Column Descriptions (Continued)

Name	Null?	Type	Description
INTERIM_TAX_SEGMENT23	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT24	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT25	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT26	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT27	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT28	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT29	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account
INTERIM_TAX_SEGMENT30	NULL	VARCHAR2(25)	Accounting Flexfield Segment for the Interim Tax account

Indexes

Index Name	Index Type	Sequence	Column Name
RA_INTERFACE_DISTRIBUTIONS_N1	NOT UNIQUE	1	INTERFACE_LINE_ID
RA_INTERFACE_DISTRIBUTIONS_U1	UNIQUE	1	INTERFACE_DISTRIBUTION_ID

# RA\_INTERFACE\_ERRORS\_ALL

This table stores information about interface data that failed the AutoInvoice validation step. The information in this table is used to generate the AutoInvoice Validation report. AutoInvoice identifies all errors for each transaction line, thus reducing multiple validation and correction cycles.

Column Descriptions

Name	Null?	Type	Description
INTERFACE_LINE_ID (PK)	NOT NULL	NUMBER(15)	Identifies the interface line
INTERFACE_SALESCREDIT_ID (PK)	NULL	NUMBER(15)	Identifies the sales credit
INTERFACE_DISTRIBUTION_ID (PK)	NULL	NUMBER(15)	Identifies the distribution line
MESSAGE_TEXT	NULL	VARCHAR2(240)	Error message text
INVALID_VALUE	NULL	VARCHAR2(240)	The invalid value that failed validation
LINK_TO_LINE_ID	NULL	NUMBER(15)	The INTERFACE_LINE_ID of the line to which this line that failed validation is linked
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
RA_INTERFACE_ERRORS_N1	NOT UNIQUE	1	INTERFACE_LINE_ID
RA_INTERFACE_ERRORS_N2	NOT UNIQUE	1	LINK_TO_LINE_ID



## RA\_INTERFACE\_LINES\_ALL

This table stores interface information for each invoice line that is imported into Oracle Receivables using AutoInvoice.

For detailed information about this table, including detailed column descriptions, refer to "Importing Invoice Information into Oracle Receivables Using AutoInvoice" in the Oracle Receivables User Guide.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REASON_CODE	INVOICING_REASON	AR_LOOKUPS
	A/R ERROR	A/R ERROR
	CANCELLATION	CANCELLATION
	CREDIT and REBILL	CREDIT and REBILL
	DUPLICATE BILLING	DUPLICATE BILLING
	FOREIGN	FOREIGN
	FREE PRODUCT	FREE PRODUCT
	LATE PAYMENT	LATE PAYMENT
	ORDER ENTRY ERROR	ORDER ENTRY ERROR
	RETURN	RETURN
	SALES TAX ERROR	SALES TAX ERROR
	SHIPPING and HANDLING	SHIPPING and HANDLING
	User defined	
	WRONG FREIGHT	WRONG FREIGHT
	WRONG TAX RATE	WRONG TAX RATE

### Column Descriptions

Name	Null?	Type	Description
INTERFACE_LINE_ID (PK)	NULL	NUMBER(15)	Identifies the invoice line
INTERFACE_LINE_CONTEXT	NULL	VARCHAR2(30)	Context of the Transaction Flexfield entered in columns ATTRIBUTE1-15
INTERFACE_LINE_ATTRIBUTE1	NULL	VARCHAR2(30)	Attribute value used to uniquely identify this transaction
INTERFACE_LINE_ATTRIBUTE2	NULL	VARCHAR2(30)	Attribute value used to uniquely identify this transaction
INTERFACE_LINE_ATTRIBUTE3	NULL	VARCHAR2(30)	Attribute value used to uniquely identify this transaction
INTERFACE_LINE_ATTRIBUTE4	NULL	VARCHAR2(30)	Attribute value used to uniquely identify this transaction
INTERFACE_LINE_ATTRIBUTE5	NULL	VARCHAR2(30)	Attribute value used to uniquely identify this transaction
INTERFACE_LINE_ATTRIBUTE6	NULL	VARCHAR2(30)	Attribute value used to uniquely identify this transaction
INTERFACE_LINE_ATTRIBUTE7	NULL	VARCHAR2(30)	Attribute value used to uniquely identify this transaction

INTERFACE_LINE_ATTRIBUTE8	NULL	VARCHAR2(30)	Attribute value used to uniquely identify this transaction
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
BATCH_SOURCE_NAME	NOT NULL	VARCHAR2(50)	Name of the batch source
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
LINE_TYPE	NOT NULL	VARCHAR2(20)	Type of line this transaction identifies ('LINE', 'TAX', 'FREIGHT' or 'CHARGES')
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description
CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency code
AMOUNT	NULL	NUMBER	Revenue amount of this transaction
CUST_TRX_TYPE_NAME	NULL	VARCHAR2(20)	Transaction type name
CUST_TRX_TYPE_ID	NULL	NUMBER(15)	Transaction type identifier
TERM_NAME	NULL	VARCHAR2(15)	Name of the payment term
TERM_ID	NULL	NUMBER(15)	Identifies the payment term
ORIG_SYSTEM_BATCH_NAME	NULL	VARCHAR2(40)	Batch identifier from foreign system
ORIG_SYSTEM_BILL_CUSTOMER_REF	NULL	VARCHAR2(240)	Value used to uniquely identify this Bill-To customer from the original system
ORIG_SYSTEM_BILL_CUSTOMER_ID	NULL	NUMBER(15)	Identifies the original Bill-to customer
ORIG_SYSTEM_BILL_ADDRESS_REF	NULL	VARCHAR2(240)	Value used to uniquely identify the Bill-To address from the original system
ORIG_SYSTEM_BILL_ADDRESS_ID	NULL	NUMBER(15)	Identifies the original Bill-To address
ORIG_SYSTEM_BILL_CONTACT_REF	NULL	VARCHAR2(240)	Value used to uniquely identify the billing contact from the original system
ORIG_SYSTEM_BILL_CONTACT_ID	NULL	NUMBER(15)	Identifies the original billing contact
ORIG_SYSTEM_SHIP_CUSTOMER_REF	NULL	VARCHAR2(240)	Value used to uniquely identify the Ship-To customer from the original system
ORIG_SYSTEM_SHIP_CUSTOMER_ID	NULL	NUMBER(15)	Identifies the original Ship-To customer
ORIG_SYSTEM_SHIP_ADDRESS_REF	NULL	VARCHAR2(240)	Value used to uniquely identify the shipping address from the original system
ORIG_SYSTEM_SHIP_ADDRESS_ID	NULL	NUMBER(15)	Identifies the original shipping address
ORIG_SYSTEM_SHIP_CONTACT_REF	NULL	VARCHAR2(240)	Value used to uniquely identify the shipping contact from the original system
ORIG_SYSTEM_SHIP_CONTACT_ID	NULL	NUMBER(15)	Identifies the original shipping contact
ORIG_SYSTEM_SOLD_CUSTOMER_REF	NULL	VARCHAR2(240)	Identifies the Sold-To customer from the original system
ORIG_SYSTEM_SOLD_CUSTOMER_ID	NULL	NUMBER(15)	Value used to uniquely identify the Sold-To customer from the original system
LINK_TO_LINE_ID	NULL	NUMBER(15)	(This column is used by AutoInvoice)
LINK_TO_LINE_CONTEXT	NULL	VARCHAR2(30)	Context name of the Transaction Flexfield data
LINK_TO_LINE_ATTRIBUTE1	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values

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LINK_TO_LINE_ATTRIBUTE2	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE3	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values

*Column Descriptions (Continued)*

Name	Null?	Type	Description
LINK_TO_LINE_ATTRIBUTE4	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE5	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE6	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE7	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
RECEIPT_METHOD_NAME	NULL	VARCHAR2(30)	Name of the payment method
RECEIPT_METHOD_ID	NULL	NUMBER(15)	Identifies the payment method
CONVERSION_TYPE	NOT NULL	VARCHAR2(30)	The exchange rate type
CONVERSION_DATE	NULL	DATE	Exchange rate date
CONVERSION_RATE	NULL	NUMBER	Exchange rate
CUSTOMER_TRX_ID	NULL	NUMBER(15)	Identifies the customer transaction; used by AutoInvoice
TRX_DATE	NULL	DATE	Transaction date
GL_DATE	NULL	DATE	General Ledger Date
DOCUMENT_NUMBER	NULL	NUMBER(15)	Document number of the transaction
TRX_NUMBER	NULL	VARCHAR2(20)	Number of the transaction
LINE_NUMBER	NULL	NUMBER(15)	The line number AutoInvoice assigns to the transaction
QUANTITY	NULL	NUMBER	Number of units shipped, or number of the units on a credit memo
QUANTITY_ORDERED	NULL	NUMBER	Original number of units ordered for the transaction
UNIT_SELLING_PRICE	NULL	NUMBER	Selling price per unit
UNIT_STANDARD_PRICE	NULL	NUMBER	Standard price per unit
PRINTING_OPTION	NULL	VARCHAR2(20)	Printing option
INTERFACE_STATUS	NULL	VARCHAR2(1)	Interface status of the transaction; used by AutoInvoice
REQUEST_ID	NULL	NUMBER(15)	Identifies the concurrent request
RELATED_BATCH_SOURCE_NAME	NULL	VARCHAR2(50)	The name of the batch source of the document to which this transaction is related
RELATED_TRX_NUMBER	NULL	VARCHAR2(20)	Document number to which this transaction is related
RELATED_CUSTOMER_TRX_ID	NULL	NUMBER(15)	Customer transaction identifier of the document to which this transaction is related
PREVIOUS_CUSTOMER_TRX_ID	NULL	NUMBER(15)	For credit memos, AutoInvoice defaults a value into this column using RA_INTERFACE_LINES.REFERENCE_LINE_ID
CREDIT_METHOD_FOR_ACCT_RULE	NULL	VARCHAR2(30)	The credit method for crediting a transaction that uses an accounting rule

CREDIT_METHOD_FOR_INSTALLMENTS	NULL	VARCHAR2(30)	The credit method for crediting a transaction that uses split payment terms
REASON_CODE	NULL	VARCHAR2(30)	Reason code
TAX_RATE	NULL	NUMBER	Tax rate for this tax line
TAX_CODE	NULL	VARCHAR2(50)	Tax code
TAX_PRECEDENCE	NULL	NUMBER	Precedence number for this tax line. This column is used compute tax compounding.

*Column Descriptions (Continued)*

Name	Null?	Type	Description
EXCEPTION_ID	NULL	NUMBER(15)	Identifies when a tax exception occurs; used by AutoInvoice
EXEMPTION_ID	NULL	NUMBER(15)	Identifies when a tax exemption occurs; used by AutoInvoice
SHIP_DATE_ACTUAL	NULL	DATE	Shipment date
FOB_POINT	NULL	VARCHAR2(30)	Free On Board point (the location at which the ownership title of the goods is transferred from the seller to the buyer)
SHIP_VIA	NULL	VARCHAR2(25)	Ship via code
WAYBILL_NUMBER	NULL	VARCHAR2(50)	Waybill number
INVOICING_RULE_NAME	NULL	VARCHAR2(30)	Invoicing rule name
INVOICING_RULE_ID	NULL	NUMBER(15)	Identifies the invoicing rule
ACCOUNTING_RULE_NAME	NULL	VARCHAR2(30)	Accounting rule name
ACCOUNTING_RULE_ID	NULL	NUMBER(15)	Identifies the accounting rule
ACCOUNTING_RULE_DURATION	NULL	NUMBER(15)	Accounting rule duration
RULE_START_DATE	NULL	DATE	Date the accounting rule for this transaction begins
PRIMARY_SALESREP_NUMBER	NULL	VARCHAR2(30)	Number of the primary salesperson
PRIMARY_SALESREP_ID	NULL	NUMBER(15)	Identifies the primary salesperson
SALES_ORDER	NULL	VARCHAR2(50)	Sales order number
SALES_ORDER_LINE	NULL	VARCHAR2(30)	Sales order line number
SALES_ORDER_DATE	NULL	DATE	Date of the sales order
SALES_ORDER_SOURCE	NULL	VARCHAR2(50)	Source of the sales order
SALES_ORDER_REVISION	NULL	NUMBER	Sales order revision number
PURCHASE_ORDER	NULL	VARCHAR2(50)	Purchase order number for this transaction
PURCHASE_ORDER_REVISION	NULL	VARCHAR2(50)	Purchase order revision number
PURCHASE_ORDER_DATE	NULL	DATE	Date of the purchase order
AGREEMENT_NAME	NULL	VARCHAR2(30)	Name of the customer agreement
AGREEMENT_ID	NULL	NUMBER(15)	Identifies the customer agreement
MEMO_LINE_NAME	NULL	VARCHAR2(50)	Name of the standard memo line
MEMO_LINE_ID	NULL	NUMBER(15)	Identifies the standard memo line
INVENTORY_ITEM_ID	NULL	NUMBER(15)	Identifies the inventory item
MTL_SYSTEM_ITEMS_SEG1	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG2	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG3	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG4	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG5	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG6	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG7	NULL	VARCHAR2(30)	System Item Flexfield segment

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MTL_SYSTEM_ITEMS_SEG8	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG9	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG10	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG11	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG12	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG13	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG14	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG15	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG16	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG17	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG18	NULL	VARCHAR2(30)	System Item Flexfield segment

*Column Descriptions (Continued)*

Name	Null?	Type	Description
MTL_SYSTEM_ITEMS_SEG19	NULL	VARCHAR2(30)	System Item Flexfield segment
MTL_SYSTEM_ITEMS_SEG20	NULL	VARCHAR2(30)	System Item Flexfield segment
REFERENCE_LINE_ID	NULL	NUMBER(15)	Identifies the line this transaction references
REFERENCE_LINE_CONTEXT	NULL	VARCHAR2(30)	Context name of the reference line
REFERENCE_LINE_ATTRIBUTE1	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE2	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE3	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE4	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE5	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE6	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE7	NULL	VARCHAR2(30)	Descriptive Flexfield segment
TERRITORY_ID	NULL	NUMBER(15)	Identifies the territory
TERRITORY_SEGMENT1	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT2	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT3	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT4	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT5	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT6	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT7	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT8	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT9	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT10	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT11	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT12	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT13	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT14	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT15	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT16	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT17	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT18	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT19	NULL	VARCHAR2(25)	Descriptive Flexfield segment
TERRITORY_SEGMENT20	NULL	VARCHAR2(25)	Descriptive Flexfield segment
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

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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

*Column Descriptions (Continued)*

Name	Null?	Type	Description
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
HEADER_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield attribute category
HEADER_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
HEADER_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
COMMENTS	NULL	VARCHAR2(240)	Comments
INTERNAL_NOTES	NULL	VARCHAR2(240)	Internal notes
INITIAL_CUSTOMER_TRX_ID	NULL	NUMBER(15)	Identifies the initial customer; used by AutoInvoice
USSGL_TRANSACTION_CODE_CONTEXT	NULL	VARCHAR2(30)	Context value for the USSGL Transaction Code Flexfield
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	USSGL Transaction Code
ACCTD_AMOUNT	NULL	NUMBER	Not currently used
CUSTOMER_BANK_ACCOUNT_ID	NULL	NUMBER(15)	Identifies the Bill-To customer bank account
CUSTOMER_BANK_ACCOUNT_NAME	NULL	VARCHAR2(25)	Name of the Bill-To customer's bank account
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
UOM_NAME	NULL	VARCHAR2(25)	Unit of measure name
DOCUMENT_NUMBER_SEQUENCE_ID	NULL	NUMBER(15)	AutoInvoice uses this column to store the document sequence identifier for this transaction

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LINK_TO_LINE_ATTRIBUTE10	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE11	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE12	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE13	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE14	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE15	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
LINK_TO_LINE_ATTRIBUTE8	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values

*Column Descriptions (Continued)*

Name	Null?	Type	Description
LINK_TO_LINE_ATTRIBUTE9	NULL	VARCHAR2(30)	The link to your Transaction Flexfield attribute values
REFERENCE_LINE_ATTRIBUTE10	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE11	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE12	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE13	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE14	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE15	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE8	NULL	VARCHAR2(30)	Descriptive Flexfield segment
REFERENCE_LINE_ATTRIBUTE9	NULL	VARCHAR2(30)	Descriptive Flexfield segment
INTERFACE_LINE_ATTRIBUTE10	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE11	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE12	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE13	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE14	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE15	NULL	VARCHAR2(30)	Interface line attribute value
INTERFACE_LINE_ATTRIBUTE9	NULL	VARCHAR2(30)	Interface line attribute value
VAT_TAX_ID	NULL	NUMBER(15)	If you enter a value in TAX_CODE, AutoInvoice defaults a value in this column.
REASON_CODE_MEANING	NULL	VARCHAR2(80)	Meaning of the reason code
LAST_PERIOD_TO_CREDIT	NULL	NUMBER	Last period to credit for unit credit memos against invoices with rules
PAYING_CUSTOMER_ID	NULL	NUMBER(15)	Identifies the paying customer
PAYING_SITE_USE_ID	NULL	NUMBER(15)	Used by AutoInvoice
TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	Item lines either have "S" (standard taxation) or have tax lines which are "R" (required) or "E" (exempt)
TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	Tax Exempt Reason Code for item lines that have TAX_EXEMPT_FLAG set to "E" (exempt)
TAX_EXEMPT_REASON_CODE_MEANING	NULL	VARCHAR2(80)	National Language implementation of the TAX_REASON_CODE
TAX_EXEMPT_NUMBER	NULL	VARCHAR2(80)	Tax Exemption Certificate Number for item lines that have tax_exempt_flag set to "E" (exempt)
SALES_TAX_ID	NULL	NUMBER(15)	Identifies sales tax, used by AutoInvoice
CREATED_BY	NULL	NUMBER(15)	Standard Who column

CREATION_DATE	NULL	DATE	Standard Who column
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
LOCATION_SEGMENT_ID	NULL	NUMBER(15)	This column is used by AutoInvoice and should be left null. Autoinvoice defaults a value in this column if you are crediting a sales tax line.
MOVEMENT_ID	NULL	NUMBER(15)	Intrastat movement ID number
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	'Y' indicates tax is inclusive; 'N' indicates tax is exclusive; NULL indicates that this flag should be defaulted from the tax code.

*Column Descriptions (Continued)*

Name	Null?	Type	Description
HEADER_GDF_ATTR_CATEGORY	NULL	VARCHAR2(30)	Global Descriptive Flexfield segment
HEADER_GDF_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality

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HEADER_GDF_ATTRIBUTE21	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE22	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE23	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE24	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE25	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE26	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE27	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE28	NULL	VARCHAR2(150)	Reserved for country-specific functionality
HEADER_GDF_ATTRIBUTE29	NULL	VARCHAR2(150)	Reserved for country-specific functionality

*Column Descriptions (Continued)*

Name	Null?	Type	Description
HEADER_GDF_ATTRIBUTE30	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTR_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality

LINE_GDF_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
LINE_GDF_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
RESET_TRX_DATE_FLAG	NULL	VARCHAR2(1)	Y or N indicates whether AutoInvoice resets the transaction date to the General Ledger date when the transaction date is not passed
PAYMENT_SERVER_ORDER_NUM	NULL	VARCHAR2(80)	A number that indicates the credit card payment was authorized by Oracle Payment Server
APPROVAL_CODE	NULL	VARCHAR2(50)	Payment approval code from the credit card issuer
ADDRESS_VERIFICATION_CODE	NULL	VARCHAR2(80)	Credit card address verification code from Oracle Payment Server

*Column Descriptions (Continued)*

Name	Null?	Type	Description
WAREHOUSE_ID	NULL	NUMBER(15)	Foreign key to HR_ORGANIZATIONS. The warehouse identifies the ship-from location and can be used to control taxation. Within the US, the Warehouse ID is important when calculating tax on the Origin/Modified Origin state sales tax (outside of the US you can use Tax Groups and Conditions to build a schedule of multiple conditional taxes based on both the ship-from and ship-to County/County/State or Provinces).
TRANSLATED_DESCRIPTION	NULL	VARCHAR2(240)	Translated description

*Indexes*

Index Name	Index Type	Sequence	Column Name
RA_INTERFACE_LINES_N1	NOT UNIQUE	1	REQUEST_ID
RA_INTERFACE_LINES_N2	NOT UNIQUE	1	CUSTOMER_TRX_ID
RA_INTERFACE_LINES_N3	NOT UNIQUE	1	LINK_TO_LINE_ID
RA_INTERFACE_LINES_N4	NOT UNIQUE	1	REFERENCE_LINE_ID
RA_INTERFACE_LINES_N5	NOT UNIQUE	1 2	BATCH_SOURCE_NAME TRX_NUMBER
RA_INTERFACE_LINES_N6	NOT UNIQUE	1	DOCUMENT_NUMBER
RA_INTERFACE_LINES_U1	UNIQUE	1	INTERFACE_LINE_ID

## RA\_INTERFACE\_SALESCREDITS\_ALL

AutoInvoice uses this table to import sales credit information for your transactions. The value you enter for the Require Salesrep parameter in the System Options window and how you set the Allow Sales Credit parameter in the Transaction Sources window determine whether you must enter sales credit information.

If you are importing invoices, debit memos and on account credits and your system option requires a salesperson, you must provide sales credit information, regardless of how you set the Allow Sales Credit parameter for your transaction batch source.

If you are importing credit memos and your system option requires that you enter a salesperson, you can provide sales credit information. If you do not provide sales credit information, AutoInvoice uses sales credit information from the invoice you are crediting. If the invoice you are crediting does not have sales credit information, AutoInvoice creates a 100% 'No Sales Credit' line for this invoice. This sales credit line is then used to determine the sales credit amount for the credit memo.

Regardless of the type of transaction you are importing, if your system option does not require salesperson, but your invoice batch source allows sales credits, you can provide sales credit information. AutoInvoice will validate it and pass this information with your transaction. If your system option does not require salesperson and your transaction batch source does not allow sales credits, do not provide sales credit information. AutoInvoice ignores any values that you pass.

### Column Descriptions

Name	Null?	Type	Description
INTERFACE_SALESCREDIT_ID (PK)	NULL	NUMBER(15)	Identifies the sales credit
INTERFACE_LINE_ID	NULL	NUMBER(15)	Used by AutoInvoice to identify the sales credit line
INTERFACE_LINE_CONTEXT	NULL	VARCHAR2(30)	The context name of the Transaction Flexfield data
INTERFACE_LINE_ATTRIBUTE1	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE2	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE3	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE4	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE5	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE6	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE7	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE8	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
SALESREP_NUMBER	NULL	VARCHAR2(30)	The salesperson number for this sales credit assignment
SALESREP_ID	NULL	NUMBER(15)	Identifies the salesperson
SALES_CREDIT_TYPE_NAME	NULL	VARCHAR2(30)	The name of the sales credit type

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Column Descriptions (Continued)

Name	Null?	Type	Description
SALES_CREDIT_TYPE_ID	NULL	NUMBER(15)	Identifies the sales credit type
SALES_CREDIT_AMOUNT_SPLIT	NULL	NUMBER	Sales credit amount for this salesperson
SALES_CREDIT_PERCENT_SPLIT	NULL	NUMBER	The sales credit amount for this salesperson
INTERFACE_STATUS	NULL	VARCHAR2(1)	The status of this interface line; used by AutoInvoice
REQUEST_ID	NULL	NUMBER(15)	Identifies the concurrent request; used by AutoInvoice
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
INTERFACE_LINE_ATTRIBUTE10	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE11	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE12	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE13	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE14	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE15	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
INTERFACE_LINE_ATTRIBUTE9	NULL	VARCHAR2(30)	Descriptive Flexfield Segment
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
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
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier

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*Indexes*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
RA_INTERFACE_SALESCREDITS_N1	NOT UNIQUE	1	INTERFACE_LINE_ID
RA_INTERFACE_SALESCREDITS_U1	UNIQUE	1	INTERFACE_SALESCREDIT_ID

## RA\_PHONES

This table stores telephone and other communications information for your customers, contacts, and customer addresses. You need one row for each telephone record. A record in RA\_PHONES must refer either to a customer, address, or contact. When you enter a telephone number for a customer, Oracle Receivables stores a value in the CUSTOMER\_ID column. When you enter a telephone number for a customer's address, Oracle Receivables stores a value in both the CUSTOMER\_ID and ADDRESS\_ID columns. When you enter a telephone number for a contact associated with a customer, Oracle Receivables stores a value in both the CUSTOMER\_ID and CONTACT\_ID columns. When you enter a telephone number for a contact associated with an address, Oracle Receivables stores a value in the CUSTOMER\_ID, ADDRESS\_ID, and CONTACT\_ID columns.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RA_ADDRESSES_ALL	ADDRESS_ID	ADDRESS_ID
RA_CONTACTS	CONTACT_ID	CONTACT_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID

### Column Descriptions

Name	Null?	Type	Description
PHONE_ID (PK)	NOT NULL	NUMBER	Telephone 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
PHONE_NUMBER	NOT NULL	VARCHAR2(25)	Telephone number
STATUS	NOT NULL	VARCHAR2(1)	Phone status flag; lookup code for 'CODE_STATUS'
PHONE_TYPE	NOT NULL	VARCHAR2(30)	Lookup code for 'COMMUNICATION_TYPE'
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CUSTOMER_ID	NULL	NUMBER(15)	Customer identifier
ADDRESS_ID	NULL	NUMBER(15)	Address identifier
CONTACT_ID	NULL	NUMBER(15)	Contact identifier
AREA_CODE	NULL	VARCHAR2(10)	Area code
EXTENSION	NULL	VARCHAR2(20)	Telephone number extension
PRIMARY_FLAG	NULL	VARCHAR2(1)	Y or N indicates whether this is the primary phone number
ORIG_SYSTEM_REFERENCE	NULL	VARCHAR2(240)	Telephone identifier from foreign system
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
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
RA_PHONES_N1	NOT UNIQUE	1	CUSTOMER_ID
RA_PHONES_N2	NOT UNIQUE	1	ADDRESS_ID
RA_PHONES_N3	NOT UNIQUE	1	CONTACT_ID
RA_PHONES_N4	NOT UNIQUE	1	PHONE_NUMBER
RA_PHONES_U1	UNIQUE	1	PHONE_ID
RA_PHONES_U2	UNIQUE	1	ORIG_SYSTEM_REFERENCE

Sequences

Sequence	Derived Column
RA_PHONES_S	PHONE_ID

## RA\_SALESREPS\_ALL

This table stores information about your salespeople. Each row includes the salesperson ID and AutoAccounting information, if you based your AutoAccounting definition on salespeople. You need one row for each salesperson you wish to use in Oracle Receivables. Oracle Receivables uses this information to assign sales credits to your salespeople.

NAME and STATUS are required even though they are null allowed.

Oracle Receivables initially contains one record in this table with the name "No Sales Credit". This record is used to indicate that no sales credit should be assigned to a transaction. "No Sales Credit" is the default value in the Primary Salesperson field of many of the transaction windows if no default salesperson is associated with the customer record.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AS_SALESFORCE	SALESFORCE_ID	SALESFORCE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_REV
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_FREIGHT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_REC
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
SO_SALES_CREDIT_TYPES_115	SALES_CREDIT_TYPE_ID	SALES_CREDIT_TYPE_ID

### Column Descriptions

Name	Null?	Type	Description
SALESREP_ID (PK)	NOT NULL	NUMBER(15)	Salesrep 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	NULL	NUMBER(15)	Standard Who column
SALES_CREDIT_TYPE_ID	NOT NULL	NUMBER	Sales credit type identifier
NAME	NULL	VARCHAR2(240)	Salesrep name
STATUS	NULL	VARCHAR2(30)	Salesrep status flag Lookup code for 'CODE_STATUS'
PERSON_ID	NULL	NUMBER(15)	(Created for Oracle Sales and Marketing)
START_DATE_ACTIVE	NULL	DATE	Date record becomes active (not currently used)
END_DATE_ACTIVE	NULL	DATE	Date record becomes inactive (not currently used)
GL_ID_REV	NULL	NUMBER	Revenue account identifier
GL_ID_FREIGHT	NULL	NUMBER	Freight account identifier
GL_ID_REC	NULL	NUMBER	Receivable account identifier
SET_OF_BOOKS_ID	NULL	NUMBER(15)	Set of books identifier (not currently used)
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column

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ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
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Column Descriptions (Continued)

Name	Null?	Type	Description
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
SALESREP_NUMBER	NULL	VARCHAR2(30)	Salesrep number
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
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
EMAIL_ADDRESS	NULL	VARCHAR2(30)	Email address for salesrep
ASSIGNED_TO_USER_ID	NULL	NUMBER(15)	User identifier assigned to salesperson
COST_CENTER	NULL	VARCHAR2(30)	Cost center for salesperson
CHARGE_TO_COST_CENTER	NULL	VARCHAR2(30)	Cost center to which the charges will be sent
START_PROCESSING_PERIOD_ID	NULL	NUMBER(15)	(Used by Oracle Sales)
END_PROCESSING_PERIOD_ID	NULL	NUMBER(15)	(Used by Oracle Sales)
COMPENSATION_CURRENCY_CODE	NULL	VARCHAR2(15)	Currency in which the salesperson is paid
WH_UPDATE_DATE	NULL	DATE	Date sent to data warehouse
SALES_TAX_GEOCODE	NULL	VARCHAR2(30)	US State and Local Tax Jurisdiction code. Use this field to provide either a Vertex GeoCode or Taxware Geocode value for the Point of Order Origin.
SALES_TAX_INSIDE_CITY_LIMITS	NULL	VARCHAR2(1)	US State and Local Tax, Inside City Limits flag. Default if Null to N. Allows the salesperson to be identified as outside the city limits of the associated GEOCODE.
SALESFORCE_ID	NULL	NUMBER(38)	Salesforce identifier
COMMISSIONABLE_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether this salesrep receives commission for sales.

*Indexes*

Index Name	Index Type	Sequence	Column Name
RA_SALESREPS_N1	NOT UNIQUE	2	NAME
RA_SALESREPS_N2	NOT UNIQUE	5	PERSON_ID
RA_SALESREPS_N3	NOT UNIQUE	6	SALESREP_NUMBER
RA_SALESREPS_U1	UNIQUE	1	SALESREP_ID
		11	ORG_ID

*Sequences*

Sequence	Derived Column
RA_SALESREPS_S	SALESREP_ID

## RA\_SITE\_USES\_ALL

This table stores information about each customer's site or location. One customer can have many site uses (such as Bill-To, Ship-To, and Statements) and each site must be assigned to an address in RA\_ADDRESSES\_ALL. You need one row for each site use for a customer.

The primary key for this table is SITE\_USE\_ID.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_RECEIVABLES_TRX_ALL	RECEIVABLES_TRX_ID	FINCHRG_RECEIVABLES_TRX_ID
AR_VAT_TAX_ALL_B	TAX_CODE	TAX_CODE
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA
RA_ADDRESSES_ALL	ADDRESS_ID	ADDRESS_ID
RA_CONTACTS	CONTACT_ID	CONTACT_ID
RA_SITE_USES_ALL	SITE_USE_ID	BILL_TO_SITE_USE_ID
RA_TERMS_B	TERM_ID	PAYMENT_TERM_ID
RA_TERRITORIES	TERRITORY_ID	TERRITORY_ID
SO_ORDER_TYPES_115_ALL	ORDER_TYPE_ID	ORDER_TYPE_ID
SO_PRICE_LISTS_B	PRICE_LIST_ID	PRICE_LIST_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TAX_EXEMPT	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
SITE_USE_ID (PK)	NOT NULL	NUMBER(15)	Site use 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
SITE_USE_CODE	NOT NULL	VARCHAR2(30)	Business Purpose
ADDRESS_ID	NOT NULL	NUMBER(15)	Address identifier
PRIMARY_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether site is primary
STATUS	NOT NULL	VARCHAR2(1)	Site use status flag; lookup code for 'CODE_STATUS'
LOCATION	NOT NULL	VARCHAR2(40)	Site use identifier
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CONTACT_ID	NULL	NUMBER(15)	Contact identifier
BILL_TO_SITE_USE_ID	NULL	NUMBER(15)	Bill to site use identifier
ORIG_SYSTEM_REFERENCE	NULL	VARCHAR2(240)	Site use identifier from foreign system
SIC_CODE	NULL	VARCHAR2(30)	Standard Industry Classification code
PAYMENT_TERM_ID	NULL	NUMBER(15)	Payment term identifier
GSA_INDICATOR	NULL	VARCHAR2(1)	Flag to indicate whether this site is a public sector (Gov.) Service Agency

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Column Descriptions (Continued)

Name	Null?	Type	Description
SHIP_PARTIAL	NULL	VARCHAR2(1)	Flag to indicate whether partial shipments are sent to this site
SHIP_VIA	NULL	VARCHAR2(25)	Name of shipping firm
FOB_POINT	NULL	VARCHAR2(30)	Group responsible for the freight
ORDER_TYPE_ID	NULL	NUMBER(15)	Order type identifier
PRICE_LIST_ID	NULL	NUMBER(15)	Price List identifier
FREIGHT_TERM	NULL	VARCHAR2(30)	Order Entry lookup code for FREIGHT_TERMS
WAREHOUSE_ID	NULL	NUMBER(15)	Warehouse identifier
TERRITORY_ID	NULL	NUMBER(15)	Territory identifier
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
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
TAX_REFERENCE	NULL	VARCHAR2(50)	Taxpayer identification number
SORT_PRIORITY	NULL	NUMBER(5)	Sort priority
TAX_CODE	NULL	VARCHAR2(50)	Tax code associated with this site
TAX_CLASSIFICATION	NULL	VARCHAR2(30)	Controls the classification of the bill to site. Using this field you can control which codes are used out of a tax group. Foreign key into ar_lookups (AR_TAX_CLASSIFICATION) used in ar_vat_tax (TAX_CLASSIFICATION).
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE21	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE22	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE23	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE24	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE25	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
LAST_ACCRUE_CHARGE_DATE	NULL	DATE	This is the last date for which accrued finance charges were calculated for this site.
SECOND_LAST_ACCRUE_CHARGE_DATE	NULL	DATE	This is the second to the last date for which accrued finance charges were calculated for this site.
LAST_UNACCRUE_CHARGE_DATE	NULL	DATE	This is the last date for which unaccrued finance charges were calculated for this site.
SECOND_LAST_UNACCRUE_CHRG_DATE	NULL	DATE	This is the second to the last date for which unaccrued finance charges were calculated for this site.
DEMAND_CLASS_CODE	NULL	VARCHAR2(30)	Demand class (user-defined Lookup used by Oracle Manufacturing)
TAX_EXEMPT	NULL	VARCHAR2(1)	No longer used
TAX_EXEMPT_NUM	NULL	VARCHAR2(30)	No longer used
TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	No longer used
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
TAX_HEADER_LEVEL_FLAG	NULL	VARCHAR2(1)	Used By Oracle Sales Compensation
TAX_ROUNDING_RULE	NULL	VARCHAR2(30)	Tax Rounding Rule: Override System and Customer Tax Rounding Rule
WH_UPDATE_DATE	NULL	DATE	Date Sent to Data Warehouse
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality

GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
PRIMARY_SALESREP_ID	NULL	NUMBER(15)	Identifies a salesperson associated with a business site; this would also be used to default salesrep in the Transactions window. The hierarchy of defaulting would follow from Bill To - Ship To - Customer (if not a multi-org setup).
FINCHRG_RECEIVABLES_TRX_ID	NULL	NUMBER(15)	Foreign key to AR_RECEIVABLES_TRX. Indicates the Receivables Activity to use to account for tax on finance charges.
GL_ID_REC	NULL	NUMBER(15)	Code combination ID for the Receivable Account
GL_ID_REV	NULL	NUMBER(15)	Code combination ID for the Receivable Account
GL_ID_TAX	NULL	NUMBER(15)	Code combination ID for the Receivable Account
GL_ID_FREIGHT	NULL	NUMBER(15)	Code combination ID for the Receivable Account

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GL_ID_CLEARING	NULL	NUMBER(15)	Code combination ID for the Receivable Account
GL_ID_UNBILLED	NULL	NUMBER(15)	Code combination ID for the Receivable Account

*Column Descriptions (Continued)*

Name	Null?	Type	Description
GL_ID_UNEARNED	NULL	NUMBER(15)	Code combination ID for the Receivable Account
DATES_NEGATIVE_TOLERANCE	NULL	NUMBER	Negative tolerance for acceptable dates
DATES_POSITIVE_TOLERANCE	NULL	NUMBER	Positive tolerance for acceptable dates
DATE_TYPE_PREFERENCE	NULL	VARCHAR2(20)	Preference for ship or arrival dates
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Percentage tolerance for over shipment
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Percentage tolerance for under shipment
ITEM_CROSS_REF_PREF	NULL	VARCHAR2(30)	Lookup for item cross reference preference for placing orders
OVER_RETURN_TOLERANCE	NULL	NUMBER	Percentage tolerance for over return
UNDER_RETURN_TOLERANCE	NULL	NUMBER	Percentage tolerance for under return
SHIP_SETS_INCLUDE_LINES_FLAG	NULL	VARCHAR2(1)	Y if lines should automatically be included in ship sets
ARRIVALSETS_INCLUDE_LINES_FLAG	NULL	VARCHAR2(1)	Y if lines should automatically be included in arrival sets
SCHED_DATE_PUSH_FLAG	NULL	VARCHAR2(1)	Y if group schedule date should automatically be pushed
INVOICE_QUANTITY_RULE	NULL	VARCHAR2(30)	Rule to indicate whether to invoice for ordered quantity or fulfilled quantity
PRICING_EVENT	NULL	VARCHAR2(30)	Event at which to price orders. For example, at entry, at shipping, or at invoicing.

*Indexes*

Index Name	Index Type	Sequence	Column Name
RA_SITE_USES_N1	NOT UNIQUE	1	ADDRESS_ID
		2	SITE_USE_CODE
		4	PRIMARY_FLAG
RA_SITE_USES_N2	NOT UNIQUE	1	REQUEST_ID
RA_SITE_USES_U1	UNIQUE	1	SITE_USE_ID

*Sequences*

Sequence	Derived Column
RA_SITE_USES_S	SITE_USE_ID

## RA\_TAX\_EXEMPTIONS\_ALL

This table stores tax exemptions for either customers and sites or items. Each tax exemption is for a particular tax code and a particular percentage of exemption. For example, a customer site can be 100% exempt from a particular tax code.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_1
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_2
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_3
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_4
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_5
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_6
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_7
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_8
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_9
AR_LOCATION_VALUES	LOCATION_SEGMENT_ID	LOCATION_ID_SEGMENT_10
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
RA_SITE_USES_ALL	SITE_USE_ID	SITE_USE_ID

### Column Descriptions

Name	Null?	Type	Description
TAX_EXEMPTION_ID (PK)	NOT NULL	NUMBER(15)	Internal Exemption Identifier
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
CREATION_DATE	NOT NULL	DATE	Standard Who column
STATUS	NOT NULL	VARCHAR2(30)	Approval Status for this exemption
INVENTORY_ITEM_ID	NULL	NUMBER(15)	Inventory Item for which this exemption applies
CUSTOMER_ID	NULL	NUMBER(15)	Ship to Customer for whom this exemption applies
SITE_USE_ID	NULL	NUMBER(15)	Ship to Site Use for which this exemption applies
EXEMPTION_TYPE	NOT NULL	VARCHAR2(30)	Exemptions can be for Customers at a location, or for Items at a location, but not Customers and Items at a location.
TAX_CODE	NOT NULL	VARCHAR2(50)	Tax Code to which this exemption applies
PERCENT_EXEMPT	NOT NULL	NUMBER	100% means that this is a full exemption from tax
CUSTOMER_EXEMPTION_NUMBER	NULL	VARCHAR2(80)	Exemption certificate number
START_DATE	NOT NULL	DATE	First date that this exemption is effective
END_DATE	NULL	DATE	Last date that this exemption is effective
LOCATION_CONTEXT	NULL	VARCHAR2(30)	Location Structure Identifier, Internal ID of the Sales Tax Location Flexfield

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LOCATION_ID_SEGMENT_1	NULL	NUMBER(15)	Internal Location ID for the 1st segment of the Location Flexfield
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*Column Descriptions (Continued)*

Name	Null?	Type	Description
LOCATION_ID_SEGMENT_2	NULL	NUMBER(15)	Internal Location ID for the 2nd segment of the Location Flexfield
LOCATION_ID_SEGMENT_3	NULL	NUMBER(15)	Internal Location ID for the 3rd segment of the Location Flexfield
LOCATION_ID_SEGMENT_4	NULL	NUMBER(15)	Internal Location ID for the 4th segment of the Location Flexfield
LOCATION_ID_SEGMENT_5	NULL	NUMBER(15)	Internal Location ID for the 5th segment of the Location Flexfield
LOCATION_ID_SEGMENT_6	NULL	NUMBER(15)	Internal Location ID for the 6th segment of the Location Flexfield
LOCATION_ID_SEGMENT_7	NULL	NUMBER(15)	Internal Location ID for the 7th segment of the Location Flexfield
LOCATION_ID_SEGMENT_8	NULL	NUMBER(15)	Internal Location ID for the 8th segment of the Location Flexfield
LOCATION_ID_SEGMENT_9	NULL	NUMBER(15)	Internal Location ID for the 9th segment of the Location Flexfield
LOCATION_ID_SEGMENT_10	NULL	NUMBER(15)	Internal Location ID for the 10th segment of the Location Flexfield
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
IN_USE_FLAG	NOT NULL	VARCHAR2(1)	This is 'Y' if the exemptions have been used for invoice lines

*Column Descriptions (Continued)*

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER(15)	Extended Who columns
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who columns
REQUEST_ID	NULL	NUMBER(15)	Extended Who columns
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Extended Who columns
REASON_CODE	NULL	VARCHAR2(30)	The reason for this exemption
ORG_ID	NULL	NUMBER(15)	Operating Unit Identifier
EXEMPT_CONTEXT	NULL	VARCHAR2(30)	The context for this exemption
EXEMPT_PERCENT1	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT2	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT3	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT4	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT5	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT6	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT7	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT8	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT9	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.
EXEMPT_PERCENT10	NULL	NUMBER	Percentage of the exemption to apply to this portion of the Sales Tax Location Flexfield.

*Indexes*

Index Name	Index Type	Sequence	Column Name
RA_TAX_EXEMPTIONS_N1	NOT UNIQUE	4	CUSTOMER_ID
		5	STATUS
RA_TAX_EXEMPTIONS_N2	NOT UNIQUE	7	INVENTORY_ITEM_ID
		8	STATUS
RA_TAX_EXEMPTIONS_N3	NOT UNIQUE	10	SITE_USE_ID
		13	STATUS
RA_TAX_EXEMPTIONS_N4	NOT UNIQUE	1	LOCATION_ID_SEGMENT_1
		2	STATUS
RA_TAX_EXEMPTIONS_U1	UNIQUE	1	TAX_EXEMPTION_ID

Sequences

Sequence	Derived Column
RA_TAX_EXEMPTIONS_S	TAX_EXEMPTION_ID

## RA\_TERMS\_B

This table stores standard Payment Term information. You need one row for each Payment Term you define in Oracle Receivables. Oracle Receivables uses this information to calculate when a payment is due and any discounts given for early payment. Oracle Receivables stores payment schedules in AR\_PAYMENT\_SCHEDULES\_ALL.

### Column Descriptions

Name	Null?	Type	Description
TERM_ID (PK)	NOT NULL	NUMBER(15)	Payment 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	NULL	NUMBER(15)	Standard Who column
CREDIT_CHECK_FLAG	NULL	VARCHAR2(1)	Credit Checking flag
DUE_CUTOFF_DAY	NULL	NUMBER	Cutoff day with proxima terms when due date is extended one month
PRINTING_LEAD_DAYS	NULL	NUMBER	This is the number of days between the print date and the due date. If this column is null, the invoice is printed on the invoice date. If this column is filled in, the invoice is printed this number of days before the due date.
START_DATE_ACTIVE	NOT NULL	DATE	Date record becomes active
END_DATE_ACTIVE	NULL	DATE	Date record becomes inactive
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
BASE_AMOUNT	NOT NULL	NUMBER	Sum of the relative amount for the installments
CALC_DISCOUNT_ON_LINES_FLAG	NOT NULL	VARCHAR2(1)	Flag to calculate discounts on line amounts only or on the entire invoice amount

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*Column Descriptions (Continued)*

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
FIRST_INSTALLMENT_CODE	NOT NULL	VARCHAR2(12)	Flag to put freight, tax on the first installment or to allocate it over all installments
IN_USE	NOT NULL	VARCHAR2(1)	Flag to indicate whether this payment term has been referenced in a transaction
PARTIAL_DISCOUNT_FLAG	NOT NULL	VARCHAR2(1)	Flag to allow discounts on partial payments
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*

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
RA_TERMS_B_U1	UNIQUE	1	TERM_ID

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
RA_TERMS_S	TERM_ID



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