

Oracle® Pricing Technical Reference Manual

Release 11i

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ORACLE

Oracle® Pricing Technical Reference Manual
Release 11i

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Introduction

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

This chapter introduces you to the *Oracle Pricing 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 Pricing Technical Reference Manual* contains detailed, up-to-date information about the underlying structure of Oracle Pricing. As we design and build new releases of Oracle Pricing, we update our Oracle Designer repository to reflect our enhancements. As a result, we can always provide you with an *Oracle Pricing 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 Pricing to improve performance.

About this Manual

This manual describes the Oracle Applications Release 11i data model, as used by Oracle Pricing; 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 Pricing 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 Pricing. You can also use Oracle *MetaLink* which is accessible through Oracle's Support Web Center (http://www.oracle.com/support/elec_sup).

Finding the Latest Information

The *Oracle Pricing 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).

Audience

The *Oracle Pricing 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 your Oracle Pricing application. 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 – 7).

How This Manual is Organized

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

High-Level Design

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

Detailed Design

This section, Chapter 3, contains a detailed description of the Oracle Pricing 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 Pricing Technical Reference Manual* is a single, centralized source for all the information you need to know about the underlying structure and processing of your Oracle Pricing application. For example, you can use this manual when you need to:

- Convert existing application data
- Integrate your Oracle Pricing 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.

How Not To Use This Manual

Do not use this manual to plan modifications

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

We have constructed your Oracle Pricing application 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 – 7). 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.

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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 Pricing Technical Reference Manual* does not contain complete information about the dependencies between Oracle Pricing 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 Pricing 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 Pricing 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 Pricing 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 Pricing 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 your Oracle Pricing application.

A Few Words About Terminology

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

Relationship

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

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

Summary Database Diagram

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

Module

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

Application Building Block

An application building block is a set of tables and modules (forms, reports, and concurrent programs) that implement closely-related

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database objects and their associated processing. Said another way, an application building block is a logical unit of an application.

QuickCodes

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

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 your Oracle Pricing application. 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.

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.

Oracle Pricing User Guide

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

Oracle Self-Service Web Applications Online Documentation

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

This guide provides flexfields planning, setup and reference information for the Oracle Pricing 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

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

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

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 Pricing. This manual details additional steps and setup considerations for implementing Oracle Pricing 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 Pricing installation, use this guide to learn about setting up and using Oracle Pricing 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.

Oracle Manufacturing, Distribution, Sales and Service Open Interfaces Manual

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.

Oracle Applications Messages Manual

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.

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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

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

Oracle Applications Implementation Wizard User Guide

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

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

From on-site support to central support, our team of experienced professionals provides the help and information you need to keep your Oracle Pricing application 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.

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About Oracle

Oracle Corporation develops and markets an integrated line of software products for database management, applications development, decision support, and office automation, as well as Oracle Applications, an integrated suite of 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

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CHAPTER

2

High-Level Design

This chapter presents a high-level design for Oracle Pricing that satisfies the business needs we specify during Strategy and Analysis. It contains database diagrams for Oracle Pricing 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 Pricing applications. And, you can prepare yourself to understand the detailed design and implementation of Oracle Pricing.

Summary Database Diagram

The Summary Database Diagram section graphically represents the most important application tables and the relationships between them. It omits tables and relationships that contribute little to the understanding of the application data model. Typically, a summary database diagram shows tables that contain key reference and transaction data.

We prepare a summary database diagram to describe, at a conceptual level, the key information on which our business depends. Later, we refine this summary database diagram, breaking it into multiple database diagrams (generally, one per application building block) to represent all the tables and relationships we need to implement our application in the database.

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

Database Diagrams

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

Use this section to quickly learn what tables each Oracle Pricing 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.

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Table Lists

The Table List sections list the Oracle Pricing 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 Pricing; we do not provide additional documentation for these tables.

View Lists

The View List sections list the Oracle Pricing 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 Pricing uses.

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 Pricing applications modules. This section lists forms, reports, and concurrent programs.

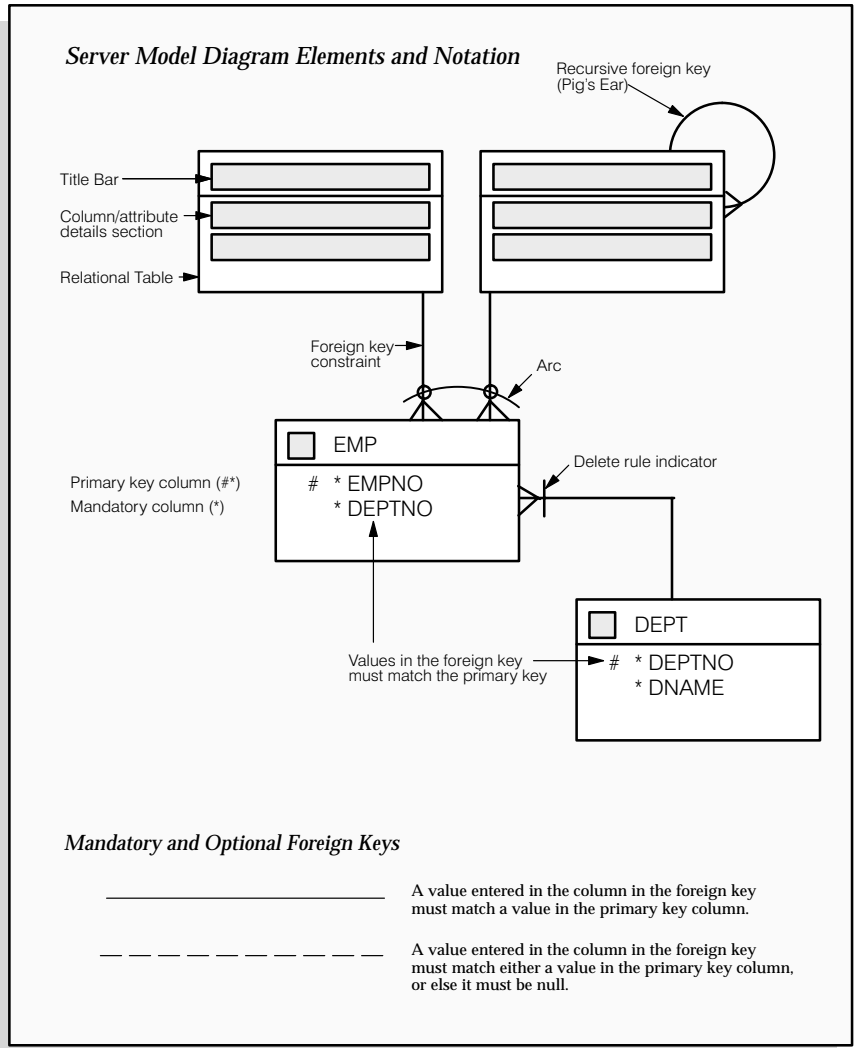
A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle General Ledger includes the Enter Journals window, the Batch window, and the More Actions window. The Enter Journals window is the main window, and from it,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

Public Table List

This section lists each public database table that Oracle Advanced Pricing 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 Advanced Pricing uses the following Public tables:

Table Name	Description
AK_FOREIGN_KEYS	Foreign keys for an object (See page 3 – 7)
AK_FOREIGN_KEY_COLUMNS	Links an attribute to a foreign key (See page 3 – 8)
AK_OBJECTS	Defines an object and the application id of the owner of the object (See page 3 – 9)
AK_OBJECT_ATTRIBUTES	Links an attribute to an object (See page 3 – 11)
AK_UNIQUE_KEYS	Unique keys for an object (See page 3 – 14)
AK_UNIQUE_KEY_COLUMNS	Links an attribute to a unique key (See page 3 – 15)
FND_APPLICATION	Applications registered with Oracle Application Object Library (See page NO TAG)
FND_CONCURRENT_REQUESTS	Concurrent requests information (See page NO TAG)
FND_CURRENCIES	Currencies enabled for use at your site (See page 3 – 16)
FND_DATA_GROUP_UNITS	ORACLE accounts for applications assigned to various data groups (See page NO TAG)
FND_DESCR_FLEX_CONTEXTS	Structure names for descriptive flexfields (See page NO TAG)
FND_DUAL	Dummy base table used by a form block that does not have a real base table (for commit purposes) (See page 3 – 19)
FND_FLEX_VALUES	Valid values for flexfield segments (See page NO TAG)
FND_FLEX_VALUE_SETS	Value sets used by both key and descriptive flexfields (See page NO TAG)

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FND_ID_FLEX_SEGMENTS	Key flexfield segments setup information and correspondences between table columns and key flexfield segments (See page NO TAG)
FND_ID_FLEX_STRUCTURES	Key flexfield structure information (See page NO TAG)
FND_LOOKUP_VALUES	QuickCode values (See page NO TAG)
FND_PROFILE_OPTIONS	User profile options (See page NO TAG)
FND_PROFILE_OPTION_VALUES	Values of user profile options defined at different profile levels (See page NO TAG)
FND_RESPONSIBILITY	Responsibilities (See page NO TAG)
FND_USER	Application users (See page NO TAG)
HZ_CUST_ACCOUNTS	(See page 3 – 20)
MTL_CATEGORIES_B	Code combinations table for item categories (See page 3 – 25)
MTL_CATEGORIES_TL	Categories table holding translated Description column for Item Categories (See page 3 – 27)
MTL_CATEGORY_SETS_B	Category Sets (See page 3 – 28)
MTL_CATEGORY_SETS_TL	A table holding translated Name and Description columns for Category Sets (See page 3 – 30)
MTL_CATEGORY_SET_VALID_CATS	Valid categories for category sets (See page 3 – 31)
MTL_CUSTOMER_ITEMS	Customer item Information (See page 3 – 32)
MTL_DEFAULT_CATEGORY_SETS	Default category set for a particular functional area (See page 3 – 35)
MTL_ITEM_CATEGORIES	Define item assignments to categories (See page 3 – 37)
MTL_RELATED_ITEMS	Item relationships (See page 3 – 39)
MTL_SYSTEM_ITEMS_B	Inventory item definitions (See page 3 – 41)
MTL_SYSTEM_ITEMS_TL	Translations table table holding item descriptions in multiple languages (See page 3 – 61)
MTL_UNITS_OF_MEASURE_TL	Unit of measure definitions (See page 3 – 62)
MTL_UOM_CLASSES_TL	Unit of measure classes (See page 3 – 64)

MTL_UOM_CLASS_CONVERSIONS	Conversions between base units of two different classes (See page 3 – 65)
MTL_UOM_CONVERSIONS	Unit of measure conversion table for both default and item specific conversions (See page 3 – 67)
OE_AGREEMENTS_B	OE_AGREEMENTS_B stores all information about pricing agreements. (See page 3 – 69)
OE_AGREEMENTS_TL	OE_AGREEMENTS_TL stores the translatable column, i.e. name of the agreement, in each of the available languages in the database. (See page 3 – 72)
OE_AK_OBJECTS_EXT	Extension tables to AK_OBJECTS which is used to store additional data (See page 3 – 73)
OE_AK_OBJ_ATTR_EXT	Extension table to AK Object Attributes which is used to store additional data (See page 3 – 75)
OE_DEF_ATTR_CONDNS	Associates the defaulting condition, defined at the entity level , to a specific attribute. (See page 3 – 77)
OE_DEF_ATTR_DEF_RULES	Defaulting rules for an attribute for a defaulting condition. (See page 3 – 79)
OE_DEF_CONDITIONS	This table stores defaulting conditions for an entity (See page 3 – 81)
OE_DEF_CONDITIONS_TL	OE_DEF_CONDITIONS_TL stores the translated columns for defaulting conditions. (See page 3 – 82)
OE_DEF_CONDN_ELEMS	This table stores elements (columns and column values) that makeup the defaulting condition identified by condition_id. (See page 3 – 83)
OE_TRANSACTION_TYPES_ALL	This table stores information about the order and line transaction types (See page 3 – 85)
OE_TRANSACTION_TYPES_TL	This is a mult-lingual table for OE_TRANSACTION_TYPES_ALL table. (See page 3 – 88)
QP_ATTRIBUTE_DEFNS	QP_ATTRIBUTE_DEFNS is the table on which the Qualifier and Pricing Attribute Descriptive Flexfields are based. It is used for the entity and attribute definiton in attribute sourcing. (See page3 – 89)

QP_COUPONS	QP_COUPONS stores any Coupons which have been issued. (See page 3 – 95)
QP_EVENT_PHASES	QP_EVENT_PHASES stores the mapping between pricing events and pricing phases. (See page 3 – 97)
QP_LIST_HEADERS_B	QP_LIST_HEADERS_B stores the header information for all lists. List types can be, for example, Price Lists, Discount Lists or Promotions. (See page 3 – 99)
QP_LIST_HEADERS_TL	QP_LIST_HEADERS_TL stores the translatable columns, name and description of the list, in each of the available languages in the database. (See page 3 – 103)
QP_LIST_LINES	QP_LIST_LINES stores all list lines for lists in QP_LIST_HEADERS_B. (See page 3 – 104)
QP_PRICE_FORMULAS_B	QP_PRICE_FORMULAS_B stores the pricing formula header information. (See page 3 – 112)
QP_PRICE_FORMULAS_TL	This table stores the translatable columns, name & description of the pricing formulas, in each of the available languages in the database. (See page 3 – 113)
QP_PRICE_FORMULA_LINES	QP_PRICE_FORMULA_LINES stores each component that makes up the formula. (See page 3 – 114)
QP_PRICE_REQ_SOURCES	QP_PRICE_REQ_SOURCES stores the mapping between Pricing Request Types and Source Systems. (See page 3 – 116)
QP_PRICING_ATTRIBUTES	QP_PRICING_ATTRIBUTES stores product information and pricing attributes. (See page 3 – 118)
QP_PRICING_PHASES	QP_PRICING_PHASES stores all pricing phases. (See page 3 – 121)
QP_QUALIFIERS	QP_QUALIFIERS stores qualifier attribute information. (See page 3 – 124)
QP_QUALIFIER_RULES	QP_QUALIFIER_RULES stores the header information for all qualifier rules (See page 3 – 127)
QP_RLTD_MODIFIERS	QP_RLTD_MODIFIERS stores the relationship between modifier lines. (See page 3 – 128)

QP_UPGRADE_ERRORS

QP_UPGRADE_ERRORS holds details of the errors which occurred in upgrading pricing data. (See page 3 – 130)

RA_RULES

Invoicing and accounting rules (See page 3 – 131)

RA_SALESREPS_ALL

Information about salespeople (See page 3 – 133)

RA_TERMS_B

Payment Term information (See page 3 – 136)

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Public View List

This section lists each public database view that Oracle Pricing 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 Pricing uses the following public views:

View Name	<u>Description</u>
QP_CHARGE_LOOKUP	Charge Types available for the setup of Freight and Special charges. (See page 3 – 94)
QP_LOOKUPS	Oracle Pricing lookup codes (See page 3 – 111)

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 Pricing 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 Pricing.

Oracle Pricing uses the following Forms and Table views:

- OE_PRC_CONTRACT_LINES_V
- QP_AGR_PRICE_BREAK_LINES_V
- QP_CUSTOMER_ITEMS_V
- QP_LIST_HEADERS_V
- QP_LIST_LINES_V
- QP_MODIFIER_SUMMARY_V
- QP_PRICE_BREAKS_V
- QP_PRICE_FACTORS_V
- QP_PRICING_ATTR_GET_V
- QP_PRICING_ATTR_V
- QP_QUALIFIERS_V
- QP_QUALIFIER_RULES_V
- QP_SECONDARY_PRICE_LISTS_V

Internal View List

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

- OE_AGREEMENTS_115_VL
- OE_AGREEMENTS_V
- OE_DISCOUNTS_V
- OE_DISCOUNT_BY_V
- OE_DISCOUNT_CUSTOMERS_V
- OE_DISCOUNT_LINES_115_V
- OE_DISCOUNT_LINES_V
- OE_PRICE_BREAK_LINES_V
- OE_PRICE_LISTS_115_VL
- OE_PRICE_LISTS_ACTIVE_V
- OE_PRICE_LISTS_V
- OE_PRICE_LIST_LINES_115_V
- OE_PRICE_LIST_LINES_V
- OE_PRICING_CONTRACTS_V
- OE_PRICING_ENTITIES_V
- OE_PRICING_RULES_VL
- QP_ENTITY_PARAMETERS_V
- QP_HDR_LVL_QUAL_V
- QP_HDR_PRICING_ATTRIBS_V
- QP_HDR_QUALIF_ATTRIBS_V
- QP_LINE_LVL_QUAL_V
- QP_LINE_PRICING_ATTRIBS_V
- QP_LINE_QUALIF_ATTRIBS_V
- QP_LISTS_V
- QP_LIST_ATTRIBUTES_V

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- QP_PRICE_LISTS_V
- QP_PRICE_LIST_LINES_V

Multilingual View List

This section lists each MultiLingual database view that Oracle Pricing uses. MultiLingual views were created to allow certain seed data to be available in multiple national languages simultaneously.

Oracle Pricing uses the following Multilingual views:

- OE_AGREEMENTS_VL
- OE_PRICE_LISTS_VL
- QP_LIST_HEADERS_VL
- QP_PRICE_FORMULAS_VL

Module List

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

Forms

FNDFFMDC	Define Descriptive Flexfield Segments
INVISDRI	Define Item Relationships
INVSDOCL	Define Unit of Measure Classes
INVSDUOM	Define Units of Measure
QPXEVPHS_F	Map Pricing Events to Phases
QPXRQSRC_F	Map Request Type to Source System
QP_FNDLVMLU_LKPS	Pricing Lookups
QP_FNDRSRUN_ALL_QP_R	Requests : Oracle Pricing Reports
QP_QXPACRL	Accrual Redemption
QP_QXPRAII	Attach Items to Price Lists
QP_QXPRCPL	Duplicate Price List
QP_QXPREDPL	Create Price Lists
QP_QXPREFOR	Create Pricing Formulas
QP_QXPRLST	Enter Price Lists
QP_QXPRLMS	Create Modifiers
QP_QXPRLMS_GSA	GSA Pricing Setup
QP_QXPRLMPL	Adjust Prices in Price Lists
QP_QXPRLPHS	Modifier Incompatibility
QP_QXPRLQFS	Create Qualifiers
QP_QXPRLRUP	Update Prices using Formulas
QP_QXPSSDAF	Create Agreements

Reports

QPXPACRL	Accrual Details Report
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QPXPRCST
QPXPRFOR
QPXPRMLS
QPXPRQFS

Price Lists Report
Pricing Formulas Report
Modifier Details Report
Qualifier Grouping Report

Concurrent Programs

QPXADDIT
QPXVAPLB
QPXVCPLB
QPXVUFPB

Add items to Price List
Adjust Price List
Copy Price List
Update Formula Price

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CHAPTER

3

Detailed Design

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

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 Pricing that enables you to:

- Convert existing application data
- Integrate your Oracle Pricing 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

Table and View Definitions

The Table and View Definitions section contains a detailed definition of Oracle Pricing 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 Pricing 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 Pricing 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 your Oracle Pricing application 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 your Oracle Pricing application 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 your Oracle Pricing application 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:

Not currently used	Your Oracle Pricing application does not use this column, although the column might be used in a future release.
No longer used	Your Oracle Pricing application no longer uses this column. AutoInstall installs this column. Subsequent versions of your Oracle Pricing application might not include this column.
No longer installed	Your Oracle Pricing application 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> your Oracle Pricing application, you do not have this column.

Standard Who Columns

Most Oracle Pricing 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

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interface table, you must populate each of the five standard Who columns:

LAST_UPDATE_DATE	Date when a user last updated this row
LAST_UPDATED_BY	User who last updated this row (foreign key to FND_USER.USER_ID)
CREATION_DATE	Date when this row was created
CREATED_BY	User who created this row (foreign key to FND_USER.USER_ID)
LAST_UPDATE_LOGIN	Operating system login of user who last updated this row (foreign key to FND_LOGINS.LOGIN_ID). 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

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

REQUEST_ID	Concurrent request ID of program that last updated this row (foreign key to FND_CONCURRENT_REQUESTS.REQUEST_ID)
PROGRAM_APPLICATION_ID	Application ID of program that last updated this row (foreign key to FND_APPLICATION.APPLICATION_ID)
PROGRAM_ID	Program ID of program that last updated this row (foreign key to FND_CONCURRENT_PROGRAM.CONCURRENT_PROGRAM_ID)
PROGRAM_UPDATE_DATE	Date when a program last updated this row

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

Indexes

If an Oracle Pricing 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 Pricing.

Sequences

Your Oracle Pricing application 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.

View Derivation

For each Oracle Pricing 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.

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AK_FOREIGN_KEYS

AK_FOREIGN_KEYS defines the foreign keys that belong to an object. You must create one row for each foreign key you wish to associate to an object.

For each foreign key, you must specify the database object name, unique (primary) key name and the application owner of the foreign key.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_OBJECTS	DATABASE_OBJECT_NAME	DATABASE_OBJECT_NAME
AK_UNIQUE_KEYS	UNIQUE_KEY_NAME	UNIQUE_KEY_NAME

Column Descriptions

Name	Null?	Type	Description
FOREIGN_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier for a foreign key relationship.
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Identifier of database object which contains the foreign key.
UNIQUE_KEY_NAME	NOT NULL	VARCHAR2(30)	Identifier of primary key of the database object that has been specified in DATABASE_OBJECT_NAME.
APPLICATION_ID	NOT NULL	NUMBER(15)	Application Id of product team who defined this foreign key relationship.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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
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
AK_FOREIGN_KEYS_N1	NOT UNIQUE	1 3	UNIQUE_KEY_NAME DATABASE_OBJECT_NAME
AK_FOREIGN_KEYS_U1	UNIQUE	1	FOREIGN_KEY_NAME

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AK_FOREIGN_KEY_COLUMNS

AK_FOREIGN_KEY_COLUMNS defines the columns (attributes) that belong to the foreign key. You will need one row for each column that makes up the foreign key.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_FOREIGN_KEYS	FOREIGN_KEY_NAME	FOREIGN_KEY_NAME

Column Descriptions

Name	Null?	Type	Description
FOREIGN_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of the foreign key relationship
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier of the foreign key column
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application Id which the attribute belong to
FOREIGN_KEY_SEQUENCE	NOT NULL	NUMBER(15)	Sequence number of foreign key column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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
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
AK_FOREIGN_KEY_COLUMNS_U1	UNIQUE	1	FOREIGN_KEY_NAME
		4	ATTRIBUTE_CODE
		6	ATTRIBUTE_APPLICATION_ID
AK_FOREIGN_KEY_COLUMNS_U2	UNIQUE	1	FOREIGN_KEY_NAME
		2	FOREIGN_KEY_SEQUENCE

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AK_OBJECTS

AK_OBJECTS contains database object name and the owner (application id) of the database object name. You need one row for each object that you want to define.

An object is a logical representation of a database view. The database object name is the name of a view in the database. Thus, there can only be one AK_OBJECTS per view. This view must exist in FND_VIEW or ALL_VIEWS.

You must specify a unique key name for each database object name.

Column Descriptions

Name	Null?	Type	Description
DATABASE_OBJECT_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of a database object
PRIMARY_KEY_NAME	NULL	VARCHAR2(30)	Primary key of the database object
DEFAULTING_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains code used to populate default values to the attributes for this object
DEFAULTING_API_PROC	NULL	VARCHAR2(30)	Procedure name in the PL/SQL package which is used to populate default values for the attributes on the object
VALIDATION_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains code used to validate the attributes for this object
VALIDATION_API_PROC	NULL	VARCHAR2(30)	Procedure name in the PL/SQL package which is used to validate the attributes for this object
APPLICATION_ID	NOT NULL	NUMBER(15)	Product team's application id which the database object belong to
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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
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

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
AK_OBJECTS_U1	UNIQUE	2	DATABASE_OBJECT_NAME

AK_OBJECT_ATTRIBUTES

AK_OBJECT_ATTRIBUTES defines the attributes on an object. You will need one row for each attribute you want to assign to an object.

You must define formatting properties (i.e., ATTRIBUTE_LABEL_LENGTH, BOLD, ITALIC, VERTICAL_ALIGNMENT, etc.) for each attribute.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_ATTRIBUTES	ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE	ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE
AK_OBJECTS	DATABASE_OBJECT_NAME	DATABASE_OBJECT_NAME

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DATA_SOURCE_TYPE	DATA_SOURCE_TYPE	AK_LOOKUP_CODES
	3RD NORMAL	3rd Normal
	4TH NORMAL	4th Normal
	VIEW	View
DATA_STORAGE_TYPE	DATA_STORAGE_TYPE	AK_LOOKUP_CODES
	3RD NORMAL	3rd Normal
	4TH NORMAL	4th Normal
HORIZONTAL_ALIGNMENT	HORIZONTAL_ALIGNMENT	AK_LOOKUP_CODES
	CENTER	Center
	LEFT	Left
	RIGHT	Right
VERTICAL_ALIGNMENT	VERTICAL_ALIGNMENT	AK_LOOKUP_CODES
	BOTTOM	Bottom
	CENTER	Center
	TOP	Top

Column Descriptions

Name	Null?	Type	Description
DATABASE_OBJECT_NAME (PK)	NOT NULL	VARCHAR2(30)	Database object identifier
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier of a database object
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application id which the object attribute belong to
COLUMN_NAME	NULL	VARCHAR2(30)	User friendly name of object attribute
ATTRIBUTE_LABEL_LENGTH	NOT NULL	NUMBER(15)	Length of the attribute's prompt/label
BOLD	NOT NULL	VARCHAR2(1)	Bold flag ('Y' - Bold the object attribute value, 'N' - Do not bold the object attribute value)
ITALIC	NOT NULL	VARCHAR2(1)	Italic flag ('Y' - Italicize the object attribute value, 'N' - Do not italicize the object attribute value)
VERTICAL_ALIGNMENT	NOT NULL	VARCHAR2(30)	Vertical Alignment for the object attribute

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Column Descriptions (Continued)

Name	Null?	Type	Description
HORIZONTAL_ALIGNMENT	NOT NULL	VARCHAR2(30)	Horizontal alignment for object attribute
DATA_SOURCE_TYPE	NOT NULL	VARCHAR2(30)	Data source type specifies where the object attribute comes from
DATA_STORAGE_TYPE	NULL	VARCHAR2(30)	Data source type specifies where the object attribute is stored
TABLE_NAME	NULL	VARCHAR2(30)	User friendly name of database object
BASE_TABLE_COLUMN_NAME	NULL	VARCHAR2(30)	Base table column name
REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether the object attribute should be required ('Y' - required, 'N' - not required)
DISPLAY_VALUE_LENGTH	NOT NULL	NUMBER(15)	Number of characters of object attribute to be displayed
LOV_REGION_CODE	NULL	VARCHAR2(30)	LOV Region identifier
LOV_REGION_APPLICATION_ID	NULL	NUMBER(15)	Product team's application ID which the LOV region is belonged to
LOV_FOREIGN_KEY_NAME	NULL	VARCHAR2(30)	LOV foreign key relationship identifier
LOV_ATTRIBUTE_CODE	NULL	VARCHAR2(30)	LOV attribute identifier
LOV_ATTRIBUTE_APPLICATION_ID	NULL	NUMBER(15)	Product team's application id which the LOV attribute belong to
DEFAULTING_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains the stored procedure to populate default values into this object attribute
DEFAULTING_API_PROC	NULL	VARCHAR2(30)	Procedure name in PL/SQL package which populates default values into this object attribute
VALIDATION_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains the procedure to validate the object attribute's value
VALIDATION_API_PROC	NULL	VARCHAR2(30)	Procedure name in PL/SQL package which contains the procedure to validate the object attribute's value
DEFAULT_VALUE_VARCHAR2	NULL	VARCHAR2(240)	Default value of object attribute when the data type of the object attribute is VARCHAR
DEFAULT_VALUE_NUMBER	NULL	NUMBER(15)	Default value of object attribute when the data type of the object attribute is NUMBER
DEFAULT_VALUE_DATE	NULL	DATE	Default value of object attribute when the data type of the object attribute is DATE
TRANSLATION_FLAG	NULL	VARCHAR2(1)	Flag which indicates whether the mapping database column is translatable, valid values are 'Y' and 'N'.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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
AK_OBJECT_ATTRIBUTES_U1	UNIQUE	2	DATABASE_OBJECT_NAME
		6	ATTRIBUTE_CODE
		8	ATTRIBUTE_APPLICATION_ID

AK_UNIQUE_KEYS

AK_UNIQUE_KEYS defines the unique keys that belong to an object. You must create one row for each unique key you wish to associate to an object. Generally the unique key is the primary key of a view, though some views may have additional unique keys.

For each unique key, you must specify the database object name, unique key name and the application owner of the unique key.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_OBJECTS	DATABASE_OBJECT_NAME	DATABASE_OBJECT_NAME

Column Descriptions

Name	Null?	Type	Description
UNIQUE_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of unique key relationship
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Identifier of database object which contains the unique key
APPLICATION_ID	NOT NULL	NUMBER(15)	Application Id of product team who defined this unique key relationship
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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
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
AK_UNIQUE_KEYS_N1	NOT UNIQUE	2	DATABASE_OBJECT_NAME
AK_UNIQUE_KEYS_U1	UNIQUE	1	UNIQUE_KEY_NAME

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AK_UNIQUE_KEY_COLUMNS

AK_UNIQUE_KEY_COLUMNS defines the columns (attributes) that belong to the unique key. You will need one row for each column that makes up the unique key.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_UNIQUE_KEYS	UNIQUE_KEY_NAME	UNIQUE_KEY_NAME

Column Descriptions

Name	Null?	Type	Description
UNIQUE_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of unique key relationship
UNIQUE_KEY_SEQUENCE	NOT NULL	NUMBER(15)	Sequence number of the unique key column
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier of the unique key column
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application Id which the attribute belong to
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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
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
AK_UNIQUE_KEY_COLUMNS_U1	UNIQUE	1	UNIQUE_KEY_NAME
		4	ATTRIBUTE_CODE
		6	ATTRIBUTE_APPLICATION_ID
AK_UNIQUE_KEY_COLUMNS_U2	UNIQUE	2	UNIQUE_KEY_NAME
		4	UNIQUE_KEY_SEQUENCE

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	FND_LOOKUPS
	N	No
	Y	Yes
ENABLED_FLAG	YES_NO_NEVER	FND_LOOKUPS
	N	No
	Y	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

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
DUMMY	NULL	NUMBER(2)	Dummy column

HZ_CUST_ACCOUNTS

HZ_CUST_ACCOUNTS stores information about customer relationships. If a party becomes a customer, information about the customer account is stored in this table. You can establish multiple customer relationships with a single party, so each party can have multiple customer account records in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HZ_PARTIES	PARTY_ID	PARTY_ID

Column Descriptions

Name	Null?	Type	Description
CUST_ACCOUNT_ID (PK)	NOT NULL	NUMBER(15)	Customer Account Identifier.
PARTY_ID	NOT NULL	NUMBER(15)	A foreign key to the HZ_PARTY table.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
ACCOUNT_NUMBER	NOT NULL	VARCHAR2(30)	Account Number
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)	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
WH_UPDATE_DATE	NULL	DATE	Warehouse update date when record was recorded or changed
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

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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
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
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
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

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
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
CUSTOMER_TYPE	NULL	VARCHAR2(30)	Receivables lookup code for <input type="checkbox"/> CUSTOMER_TYPE <input type="checkbox"/> (<input type="checkbox"/> I <input type="checkbox"/> for internal customers; <input type="checkbox"/> R <input type="checkbox"/> for external customers)
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 <input type="checkbox"/> SALES_CHANNEL <input type="checkbox"/>
ORDER_TYPE_ID	NULL	NUMBER(15)	Order type identifier
PRICE_LIST_ID	NULL	NUMBER(15)	Price list identifier
SUBCATEGORY_CODE	NULL	VARCHAR2(30)	User-definable subcategory
TAX_CODE	NULL	VARCHAR2(50)	Tax code for this customer
FOB_POINT	NULL	VARCHAR2(30)	The point in a shipment at which title to the goods is transferred. Examples include, FOB delivered (the title changes hands at the point of delivery).
FREIGHT_TERM	NULL	VARCHAR2(30)	Order Entry lookup code for <input type="checkbox"/> FREIGHT_TERMS <input type="checkbox"/>
SHIP_PARTIAL	NULL	VARCHAR2(1)	Flag if partial shipments can be 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)
TAX_HEADER_LEVEL_FLAG	NULL	VARCHAR2(1)	Tax calculation level (<input type="checkbox"/> Y <input type="checkbox"/> means Header; <input type="checkbox"/> N <input type="checkbox"/> means Line)
TAX_ROUNDING_RULE	NULL	VARCHAR2(30)	Tax amount rounding rule
COTERMINATE_DAY_MONTH	NULL	VARCHAR2(6)	Identifies the date on which services ordered by the customer will end. Values for this column will take the form DD-MON.
PRIMARY_SPECIALIST_ID	NULL	NUMBER(15)	This column is for the service personnel dispatching feature in Incident Tracking and 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 and is a foreign key to PER_PEOPLE
ACCOUNT_LIABLE_FLAG	NULL	VARCHAR2(1)	"Y" for Yes , "N" for No
RESTRICTION_LIMIT_AMOUNT	NULL	NUMBER	An amount in the local currency that restricts the usage of this account.
CURRENT_BALANCE	NULL	NUMBER	Balance on the Account
PASSWORD_TEXT	NULL	VARCHAR2(60)	Password text field
HIGH_PRIORITY_INDICATOR	NULL	VARCHAR2(1)	A user assigned flag to indicate that monitoring the balance of the account is a high priority.
ACCOUNT_ESTABLISHED_DATE	NULL	DATE	Date when Account is established
ACCOUNT_TERMINATION_DATE	NULL	DATE	Date when Account is Terminated

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACCOUNT_ACTIVATION_DATE	NULL	DATE	Date When Account is Activated
CREDIT_CLASSIFICATION_CODE	NULL	VARCHAR2(30)	Credit Classification Code
DEPARTMENT	NULL	VARCHAR2(30)	Department
MAJOR_ACCOUNT_NUMBER	NULL	VARCHAR2(30)	Major Account Number
HOTWATCH_SERVICE_FLAG	NULL	VARCHAR2(1)	"Y" for Yes, "N " for No
HOTWATCH_SVC_BAL_IND	NULL	VARCHAR2(30)	Service Balance Indicator
HELD_BILL_EXPIRATION_DATE	NULL	DATE	Held Bill Expiration Date
HOLD_BILL_FLAG	NULL	VARCHAR2(1)	"Y" for Yes , "N" for No do not hold the bill.
HIGH_PRIORITY_REMARKS	NULL	VARCHAR2(80)	High Priority Remarks
PO_EFFECTIVE_DATE	NULL	DATE	The date in which a purchase order is effective.
PO_EXPIRATION_DATE	NULL	DATE	PO Expiration Date
REALTIME_RATE_FLAG	NULL	VARCHAR2(1)	Real time rate flag
SINGLE_USER_FLAG	NULL	VARCHAR2(1)	A value of 'Y' indicates that this account can only be used by a single user. A value of No allows for any number of users. The default is No.
WATCH_ACCOUNT_FLAG	NULL	VARCHAR2(1)	Watch Account Flag
WATCH_BALANCE_INDICATOR	NULL	VARCHAR2(1)	Watch Balance Indicator
GEO_CODE	NULL	VARCHAR2(30)	The geographic location code on the planet.
ACCT_LIFE_CYCLE_STATUS	NULL	VARCHAR2(30)	A state of the account from the point of view of the orginator of the account.
ACCOUNT_NAME	NULL	VARCHAR2(240)	A user defined name for the account.
DEPOSIT_REFUND_METHOD	NULL	VARCHAR2(20)	Refund Method
DORMANT_ACCOUNT_FLAG	NULL	VARCHAR2(1)	"Y for Yes , "N" for No
NPA_NUMBER	NULL	VARCHAR2(60)	Identifies an account with a number plan area used in telecommunications.
PIN_NUMBER	NULL	NUMBER(16)	A user defined personal identification number for gaining access to this account.
SUSPENSION_DATE	NULL	DATE	Date of Suspension
WRITE_OFF_ADJUSTMENT_AMOUNT	NULL	NUMBER	Indicates the portion of a write-off that is to be applied as an adjustment to the account balance.
WRITE_OFF_PAYMENT_AMOUNT	NULL	NUMBER	Indiates the portion of a payment that is to be written off. The portion is stated as an amount in the local currency.
WRITE_OFF_AMOUNT	NULL	NUMBER	Write-off Amount in the local currency.
SOURCE_CODE	NULL	VARCHAR2(150)	Promotion that was used to make the party a customer
COMPETITOR_TYPE	NULL	VARCHAR2(150)	A short term that identifies the type of competitor
COMMENTS	NULL	VARCHAR2(240)	Free format information about the customer
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

Column Descriptions (Continued)

Name	Null?	Type	Description
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Percentage tolerance for over shipment
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Percentage tolerance for under shipment
OVER_RETURN_TOLERANCE	NULL	NUMBER	Percentage tolerance for over return
UNDER_RETURN_TOLERANCE	NULL	NUMBER	Percentage tolerance for under return
ITEM_CROSS_REF_PREF	NULL	VARCHAR2(30)	Lookup for item cross reference preference for placing orders
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.
ACCOUNT_REPLICATION_KEY	NOT NULL	NUMBER(15)	Key used by Mobile Device Gateway products for replication.
STATUS_UPDATE_DATE	NULL	DATE	Last status update date
AUTOPAY_FLAG	NULL	VARCHAR2(1)	Autopay flag
NOTIFY_FLAG	NULL	VARCHAR2(1)	Notify flag
LAST_BATCH_ID	NULL	NUMBER	Last active batch

Indexes

Index Name	Index Type	Sequence	Column Name
HZ_CUST_ACCOUNTS_N1	NOT UNIQUE	1	CREATION_DATE
HZ_CUST_ACCOUNTS_N2	NOT UNIQUE	5	PARTY_ID
HZ_CUST_ACCOUNTS_U1	UNIQUE	1	CUST_ACCOUNT_ID
HZ_CUST_ACCOUNTS_U2	UNIQUE	1	ACCOUNT_NUMBER
HZ_CUST_ACCOUNTS_U3	UNIQUE	1	ORIG_SYSTEM_REFERENCE

Sequences

Sequence	Derived Column
HZ_CUST_ACCOUNTS_S	CUST_ACCOUNT_ID
HZ_ACCOUNT_NUM_S	ACCOUNT_NUMBER
HZ_ACCOUNT_REPLICATION_KEY_S	ACCOUNT_REPLICATION_KEY

MTL_CATEGORIES_B

MTL_CATEGORIES_B is the code combinations table for item categories. Items are grouped into categories within the context of a category set to provide flexible grouping schemes.

The item category is a key flexfield with a flex code of MCAT. The flexfield structure identifier is also stored in this table to support the ability to define more than one flexfield structure (multi-flex).

Item categories now support multilingual category description. MLS is implemented with a pair of tables: MTL_CATEGORIES_B and MTL_CATEGORIES_TL. MTL_CATEGORIES_TL table holds translated Description for Categories.

Column Descriptions

Name	Null?	Type	Description
CATEGORY_ID (PK)	NOT NULL	NUMBER	Category identifier
STRUCTURE_ID	NOT NULL	NUMBER	Flexfield structure identifier
DESCRIPTION	NULL	VARCHAR2(240)	Dummy column to accommodate kff view.
DISABLE_DATE	NULL	DATE	Disable date
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination includes a summary segment
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination is enabled
START_DATE_ACTIVE	NULL	DATE	Date segment combination becomes active
END_DATE_ACTIVE	NULL	DATE	Date segment combination becomes inactive

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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
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	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
MTL_CATEGORIES_B_N1	NOT UNIQUE	1	SEGMENT1
MTL_CATEGORIES_B_U1	UNIQUE	1	CATEGORY_ID

Sequences

Sequence	Derived Column
MTL_CATEGORIES_B_S	CATEGORY_ID

MTL_CATEGORIES_TL

MTL_CATEGORIES_TL is a table holding translated Description column for Item Categories.

Item categories now support multilingual category description. MLS is implemented with a pair of tables: MTL_CATEGORIES_B and MTL_CATEGORIES_TL.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID

Column Descriptions

Name	Null?	Type	Description
CATEGORY_ID (PK)	NOT NULL	NUMBER	
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
DESCRIPTION	NULL	VARCHAR2(240)	Category translated description
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CATEGORIES_TL_U1	UNIQUE	1	CATEGORY_ID
		2	LANGUAGE

MTL_CATEGORY_SETS_B

MTL_CATEGORY_SETS_B contains the entity definition for category sets. A category set is a categorization scheme for a group of items. Items may be assigned to different categories in different category sets to represent the different groupings of items used for different purposes. An item may be assigned to only one category within a category set, however.

STRUCTURE_ID identifies the flexfield structure associated with the category set. Only categories with the same flexfield structure may be grouped into a category set.

CONTROL_LEVEL defines whether the category set is controlled at the item or the item/organization level. When an item is assigned to an item level category set within the item master organization, the category set assignment is propagated to all other organizations to which the item is assigned.

VALIDATE_FLAG defines whether a list of valid categories is used to validate category usage within the set. Validated category sets will not allow item assignment to the category set in categories that are not in a predefined list of valid categories.

Category Sets now support multilingual category set name and description. MLS is implemented with a pair of tables: MTL_CATEGORY_SETS_B and MTL_CATEGORY_SETS_TL. MTL_CATEGORY_SETS_TL table holds translated Name and Description for Category Sets.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORIES_B	CATEGORY_ID	DEFAULT_CATEGORY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
VALIDATE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Category set identifier
STRUCTURE_ID	NOT NULL	NUMBER	Flexfield structure identifier

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
VALIDATE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating category validation required
CONTROL_LEVEL	NOT NULL	NUMBER	Item or item/org control level
DEFAULT_CATEGORY_ID	NULL	NUMBER	Default category identifier
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	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>
MTL_CATEGORY_SETS_B_U1	UNIQUE	1	CATEGORY_SET_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
MTL_CATEGORY_SETS_S	CATEGORY_SET_ID

MTL_CATEGORY_SETS_TL

MTL_CATEGORY_SETS_TL is a table holding translated Name and Description columns for Category Sets.

Category Sets now support multilingual category set name and description. MLS is implemented with a pair of tables: MTL_CATEGORY_SETS_B and MTL_CATEGORY_SETS_TL.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORY_SETS_B	CATEGORY_SET_ID	CATEGORY_SET_ID

Column Descriptions

Name	Null?	Type	Description
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
CATEGORY_SET_NAME	NOT NULL	VARCHAR2(30)	Category set translated name
DESCRIPTION	NULL	VARCHAR2(240)	Category set translated description
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CATEGORY_SETS_TL_U1	UNIQUE	1	CATEGORY_SET_ID
		2	LANGUAGE

MTL_CATEGORY_SET_VALID_CATS

MTL_CATEGORY_SET_VALID_CATS defines the valid category list for a particular category set. A category set may be defined to either require category validation or not. If category validation is required, the list of valid categories for the category set is stored in this table. This list is then used to restrict category selection for the category set.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_CATEGORY_SETS_B	CATEGORY_SET_ID	CATEGORY_SET_ID

Column Descriptions

Name	Null?	Type	Description
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Category set identifier
CATEGORY_ID (PK)	NOT NULL	NUMBER	Valid category identifier
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	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
MTL_CATEGORY_SET_VALID_CATS_U1	UNIQUE	2	CATEGORY_SET_ID
		3	CATEGORY_ID

MTL_CUSTOMER_ITEMS

MTL_CUSTOMER_ITEMS stores customer item information for a specific customer. Each record can be defined at one of the following levels: Customer, Address Category, and Address. The customer item definition is organization independent.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_COMMODITY_CODES	COMMODITY_CODE_ID	COMMODITY_CODE_ID
MTL_CUSTOMER_ITEMS	CUSTOMER_ITEM_ID	MODEL_CUSTOMER_ITEM_ID
MTL_PARAMETERS	ORGANIZATION_ID	CONTAINER_ITEM_ORG_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	MASTER_CONTAINER_ITEM_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	DETAIL_CONTAINER_ITEM_ID
RA_ADDRESSES_ALL_HZ	ADDRESS_ID	ADDRESS_ID
RA_CUSTOMERS_HZ	CUSTOMER_ID	CUSTOMER_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CUSTOMER_CATEGORY_CODE	ADDRESS_CATEGORY User defined	AR_LOOKUPS
DEP_PLAN_PRIOR_BLD_FLAG	YES_NO N Y	FND_LOOKUPS No Yes
DEP_PLAN_REQUIRED_FLAG	YES_NO N Y	FND_LOOKUPS No Yes

Column Descriptions

Name	Null?	Type	Description
CUSTOMER_ITEM_ID (PK)	NOT NULL	NUMBER	Customer item unique identifier
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	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
CUSTOMER_ID	NOT NULL	NUMBER	Customer unique identifier
CUSTOMER_CATEGORY_CODE	NULL	VARCHAR2(30)	User-definable category (lookup type = CUSTOMER_CATEGORY). Used to store Address Category code
ADDRESS_ID	NULL	NUMBER	Address unique identifier
CUSTOMER_ITEM_NUMBER	NOT NULL	VARCHAR2(50)	Customer item name or number
ITEM_DEFINITION_LEVEL	NOT NULL	VARCHAR2(1)	Customer item definition level. These levels are: 1 (Customer), 2 (Address Category), 3 (Address)
CUSTOMER_ITEM_DESC	NULL	VARCHAR2(240)	Description of the customer item

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Column Descriptions (Continued)

Name	Null?	Type	Description
MODEL_CUSTOMER_ITEM_ID	NULL	NUMBER	Default parent model customer item unique identifier
COMMODITY_CODE_ID	NULL	NUMBER	Customer item commodity code unique identifier
MASTER_CONTAINER_ITEM_ID	NULL	NUMBER	Master container item unique identifier
CONTAINER_ITEM_ORG_ID	NULL	NUMBER	Item master organization unique identifier for the master and detail container items
DETAIL_CONTAINER_ITEM_ID	NULL	NUMBER	Detail container item unique identifier
MIN_FILL_PERCENTAGE	NULL	NUMBER	Minimum fill percentage of the master and detail container items. Acceptable values range from 0-100
DEP_PLAN_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating if departure planning is required for this customer item. Default value is 'N' (not required)
DEP_PLAN_PRIOR_BLD_FLAG	NULL	VARCHAR2(1)	Flag indicating if departure planning prior to build is required. Default value is 'N' (not required)
INACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether this customer item is active or inactive. An inactive customer item can not receive new demand. The default value is 'N' (active)
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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
DEMAND_TOLERANCE_POSITIVE	NULL	NUMBER	Positive tolerance (high end) for the customer item demand
DEMAND_TOLERANCE_NEGATIVE	NULL	NUMBER	Negative tolerance (low end) for the customer item demand

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CUSTOMER_ITEMS_N1	NOT UNIQUE	1	CUSTOMER_ID
		2	CUSTOMER_ITEM_NUMBER
MTL_CUSTOMER_ITEMS_N2	NOT UNIQUE	1	CUSTOMER_ID
		2	CUSTOMER_CATEGORY_CODE
MTL_CUSTOMER_ITEMS_N3	NOT UNIQUE	1	CUSTOMER_ID
		2	ADDRESS_ID

Indexes (Continued)

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_CUSTOMER_ITEMS_N4	NOT UNIQUE	1	CUSTOMER_ID
		2	CUSTOMER_ITEM_NUMBER
		3	ITEM_DEFINITION_LEVEL
MTL_CUSTOMER_ITEMS_N5	NOT UNIQUE	1	MASTER_CONTAINER_ITEM_ID
		2	CONTAINER_ITEM_ORG_ID
		3	DETAIL_CONTAINER_ITEM_ID
MTL_CUSTOMER_ITEMS_U1	UNIQUE	1	CUSTOMER_ID
		2	CUSTOMER_ITEM_NUMBER
		3	ADDRESS_ID
		4	CUSTOMER_CATEGORY_CODE
		5	ITEM_DEFINITION_LEVEL
MTL_CUSTOMER_ITEMS_U2	UNIQUE	1	CUSTOMER_ITEM_ID

MTL_DEFAULT_CATEGORY_SETS

MTL_DEFAULT_CATEGORY_SETS stores the identifier of the category set that acts as the default for a particular functional area. This information is used to determine the mandatory category sets for an item. It is also used to provide a default category set for forms and reports that require a category set field value or parameter.

The category set for a given functional area is guaranteed to have a category assignment for each item defined for use by the functional area. For example, the category set for the Inventory functional area is mandatory (and defaults) for all items defined as Inventory items. This ensures that for a given functional area, there will be a category set that contains all of the items for that functional area.

Additionally, Oracle Inventory defaults the specified category set for a product's reports which use category information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORY_SETS_B	CATEGORY_SET_ID	CATEGORY_SET_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FUNCTIONAL_AREA_ID	MTL_FUNCTIONAL_AREAS	MFG_LOOKUPS
	1	Inventory
	2	Purchasing
	3	Planning
	4	Service
	5	Cost
	6	Engineering
	7	Order Entry
	8	Product Line Accounting

Column Descriptions

Name	Null?	Type	Description
FUNCTIONAL_AREA_ID (PK)	NOT NULL	NUMBER	Functional area identifier
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Default category set identifier
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	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>
MTL_DEFAULT_CATEGORY_SETS_U1	UNIQUE	1	FUNCTIONAL_AREA_ID

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MTL_ITEM_CATEGORIES

MTL_ITEM_CATEGORIES stores the item assignments to categories within a category set. For each category assignment, this table stores the item, the category set, and the category. Items may be assigned to multiple categories and category sets but may be assigned to only one category in a given category set.

This table may be populated through the Master Items and Organization Items windows. It can also be populated by performing item assignments when a category set is defined. It is also populated when an item is transferred from engineering to manufacturing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORY_SET_VALID_CATS	CATEGORY_ID CATEGORY_SET_ID	CATEGORY_ID CATEGORY_SET_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
CATEGORY_SET_ID (PK)	NOT NULL	NUMBER	Category set identifier
CATEGORY_ID	NOT NULL	NUMBER	Category identifier
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	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
WH_UPDATE_DATE	NULL	DATE	Warehouse update date for tracking changes relevant to data collected in the Data Warehouse

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_CATEGORIES_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	CATEGORY_SET_ID
		3	CATEGORY_ID
MTL_ITEM_CATEGORIES_N2	NOT UNIQUE	2	WH_UPDATE_DATE
MTL_ITEM_CATEGORIES_U1	UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	CATEGORY_SET_ID

Database Triggers

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Trigger Name : AX_MTL_ITEM_CATEGORIES_AR11
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger maintains data in AX_CATEGORY_ACCOUNTS table. It ensures that no transactions are created without a subinventory. The trigger fires right after an item is assigned to a category.

Trigger Name : AX_MTL_ITEM_CATEGORIES_ARU1
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : UPDATE

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger maintains data in AX_CATEGORY_ACCOUNTS table. It ensures that no transactions are created without a subinventory. The trigger fires right after an item category assignment is changed.

MTL_RELATED_ITEMS

MTL_RELATED_ITEMS stores the relationships between items. All relationships are defined within the item master organization. Item relationships may be used to search for related and substitute items. Items defined with a substitute relationship to a given item may be received in place of the ordered item when substitutes are allowed.

RELATIONSHIP_TYPE_ID indicates whether the relationship is a 'Substitute' or 'Related' relationship.

RECIPROCAL_FLAG indicates whether the relationship is reciprocal. Defining the relationship as reciprocal has the same effect as defining two separate relationships.

The view, MTL_RELATED_ITEMS_VIEW, explodes the reciprocal relationships and may be used to view all item relationships regardless of how they are defined.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	RELATED_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
RECIPROCAL_FLAG	YES_NO N Y	FND_LOOKUPS No Yes
RELATIONSHIP_TYPE_ID	MTL_RELATIONSHIP_TYPES 1 2	MFG_LOOKUPS Related Substitute

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
RELATED_ITEM_ID (PK)	NOT NULL	NUMBER	Related inventory item identifier
RELATIONSHIP_TYPE_ID (PK)	NOT NULL	NUMBER	Relationship type identifier
RECIPROCAL_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether relationship is reciprocal
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

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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	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>
MTL_RELATED_ITEMS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	RELATED_ITEM_ID
		3	RELATIONSHIP_TYPE_ID
		4	ORGANIZATION_ID

MTL_SYSTEM_ITEMS_B

MTL_SYSTEM_ITEMS_B is the definition table for items. This table holds the definitions for inventory items, engineering items, and purchasing items. You can specify item-related information in fields such as: Bill of Material, Costing, Purchasing, Receiving, Inventory, Physical attributes, General Planning, MPS/MRP Planning, Lead times, Work in Process, Order Management, and Invoicing.

You can set up the item with multiple segments, since it is implemented as a flexfield. Use the standard 'System Items' flexfield that is shipped with the product to configure your item flexfield. The flexfield code is MSTK.

The primary key for an item is the INVENTORY_ITEM_ID and ORGANIZATION_ID. Therefore, the same item can be defined in more than one organization.

Each item is initially defined in an item master organization. The user then assigns the item to other organizations that need to recognize this item; a row is inserted for each new organization the item is assigned to. Many columns such as MTL_TRANSACTIONS_ENABLED_FLAG and BOM_ENABLED_FLAG correspond to item attributes defined in the MTL_ITEM_ATTRIBUTES table. The attributes that are available to the user depend on which Oracle applications are installed. The table MTL_ATTR_APPL_DEPENDENCIES maintains the relationships between item attributes and Oracle applications.

Two unit of measure columns are stored in MTL_SYSTEM_ITEMS table. PRIMARY_UOM_CODE is the 3-character unit that is used throughout Oracle Manufacturing. PRIMARY_UNIT_OF_MEASURE is the 25-character unit that is used throughout Oracle Purchasing.

Items now support multilingual description. MLS is implemented with a pair of tables: MTL_SYSTEM_ITEMS_B and MTL_SYSTEM_ITEMS_TL. Translations table (MTL_SYSTEM_ITEMS_TL) holds item descriptions in multiple languages. DESCRIPTION column in the base table (MTL_SYSTEM_ITEMS_B) is for backward compatibility and is maintained in the installation base language only.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	NAME	PURCHASING_TAX_CODE
AR_VAT_TAX_ALL_B	TAX_CODE	TAX_CODE
ENG_ENGINEERING_CHANGES	CHANGE_NOTICE ORGANIZATION_ID	ENGINEERING_ECN_CODE ORGANIZATION_ID
FA_CATEGORIES_B	CATEGORY_ID	ASSET_CATEGORY_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	COST_OF_SALES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SALES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
MRP_PLANNING_EXCEPTION_SETS	EXCEPTION_SET_NAME	PLANNING_EXCEPTION_SET
MTL_ATP_RULES	RULE_ID	ATP_RULE_ID
MTL_ITEM_CATALOG_GROUPS	ITEM_CATALOG_GROUP_ID	ITEM_CATALOG_GROUP_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	WIP_SUPPLY_LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_STATUS	INVENTORY_ITEM_STATUS_CODE	INVENTORY_ITEM_STATUS_CODE
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	DEFAULT_SHIPPING_ORG
MTL_PICKING_RULES	PICKING_RULE_ID	PICKING_RULE_ID
MTL_PLANNERS	PLANNER_CODE ORGANIZATION_ID	PLANNER_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY SOURCE_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	WIP_SUPPLY_SUBINVENTORY ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	ENGINEERING_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	BASE_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	BASE_WARRANTY_SERVICE_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID PRODUCT_FAMILY_ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	PRIMARY_UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	VOLUME_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	WEIGHT_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_ISSUE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	SERVICE_DURATION_PERIOD_CODE
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID
PO_UN_NUMBERS_B	UN_NUMBER_ID	UN_NUMBER_ID
RA_RULES	RULE_ID	ACCOUNTING_RULE_ID
RA_RULES	RULE_ID	INVOICING_RULE_ID
RA_TERMS_B	TERM_ID	PAYMENT_TERMS_ID
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	RECEIVING_ROUTING_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOWED_UNITS_LOOKUP_CODE	MTL_CONVERSION_TYPE	MFG_LOOKUPS
	1	Item specific
	2	Standard
	3	Both standard and item specific
ALLOW_EXPRESS_DELIVERY_FLAG	YES_NO	FND_LOOKUPS
	N	No

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
ALLOW_ITEM_DESC_UPDATE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ALLOW_UNORDERED_RECEIPTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ATO_FORECAST_CONTROL	MRP_ATO_FORECAST_CONTROL	MFG_LOOKUPS
	1	Consume
	2	Consume and derive
	3	None
ATP_COMPONENTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ATP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
AUTO_CREATED_CONFIG_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
AUTO_REDUCE_MPS	MRP_AUTO_REDUCE_MPS	MFG_LOOKUPS
	1	None
	2	Past due
	3	Within demand time fence
	4	Within planning time fence
BACK_ORDERABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
BOM_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
BOM_ITEM_TYPE	BOM_ITEM_TYPE	MFG_LOOKUPS
	1	Model
	2	Option class
	3	Planning
	4	Standard
	5	Product Family
BUILD_IN_WIP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CATALOG_STATUS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CHECK_SHORTAGES_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COLLATERAL_FLAG	YES_NO	FND_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	N	No
	Y	Yes
COMMS_ACTIVATION_REQD_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COMMS_NL_TRACKABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CONTAINER_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CONTAINER_TYPE_CODE	CONTAINER_ITEM_TYPE	FND_COMMON_LOOKUPS
COSTING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COUPON_EXEMPT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_ORDER_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CYCLE_COUNT_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEFAULT_INCLUDE_IN_ROLLUP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEFECT_TRACKING_ON_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DEMAND_TIME_FENCE_CODE	MTL_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Total lead time
	4	User-defined time fence
DOWNLOADABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ELECTRONIC_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
END_ASSEMBLY_PEGGING_FLAG	ASSEMBLY_PEGGING_CODE	FND_LOOKUPS
	A	Full Pegging

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	B	End Assembly/Full Pegging
	I	Net by Project/Ignore Excess
	N	None
	X	Net by Project/Net Excess
	Y	End Assembly Pegging
ENG_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EQUIPMENT_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
EVENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
EXPENSE_BILLABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INDIVISIBLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INSPECTION_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INTERNAL_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ASSET_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVENTORY_PLANNING_CODE	MTL_MATERIAL_PLANNING	MFG_LOOKUPS
	1	Reorder point planning
	2	Min-max planning
	6	Not planned
INVOICEABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INVOICE_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ITEM_TYPE	ITEM_TYPE	FND_COMMON_LOOKUPS
	AOC	ATO Option Class
	ATO	ATO Model
	BMW	BMW Type
	FG	Finished Good

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	I	Inventory Type
	K	Kit
	M	Model
	OC	Option Class
	OO	Outside Operation
	OP	Outside Processing Item
	P	Purchased item
	PF	Product Family
	PH	Phantom item
	PL	Planning
	POC	PTO Option Class
	PTO	PTO model
	REF	Reference item
	SA	Subassembly
	SI	Supply item
LOCATION_CONTROL_CODE	MTL_LOCATION_CONTROL	MFG_LOOKUPS
	1	No locator control
	2	Prespecified locator control
	3	Dynamic entry locator control
	4	Locator control determined at subinventory level
	5	Locator control determined at item level
LOT_CONTROL_CODE	MTL_LOT_CONTROL	MFG_LOOKUPS
	1	No lot control
	2	Full lot control
MATERIAL_BILLABLE_FLAG	MTL_SERVICE_BILLABLE_FLAG	CS_LOOKUPS
	E	Expense
	L	Labor
	M	Material
MRP_CALCULATE_ATP_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MRP_PLANNING_CODE	MRP_PLANNING_CODE	MFG_LOOKUPS
	3	MRP planning
	4	MPS planning
	6	Not planned
	7	MRP and DRP planning
	8	MPS and DRP planning
	9	DRP planning
MRP_SAFETY_STOCK_CODE	MTL_SAFETY_STOCK_TYPE	MFG_LOOKUPS
	1	Non-MRP planned
	2	MRP planned percent
MTL_TRANSACTIONS_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
MUST_USE_APPROVED_VENDOR_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ORDERABLE_ON_WEB_FLAG	YES_NO	FND_LOOKUPS
	N	No

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
OUTSIDE_OPERATION_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PICK_COMPONENTS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PLANNING_MAKE_BUY_CODE	MTL_PLANNING_MAKE_BUY	MFG_LOOKUPS
	1	Make
	2	Buy
PLANNING_TIME_FENCE_CODE	MTL_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Total lead time
	4	User-defined time fence
PREVENTIVE_MAINTENANCE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PRORATE_SERVICE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PURCHASING_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RECEIPT_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RELEASE_TIME_FENCE_CODE	MTL_RELEASE_TIME_FENCE	MFG_LOOKUPS
	1	Cumulative total lead time
	2	Cumulative manufacturing lead time
	3	Item total lead time
	4	User-defined time fence
	5	No not autorelease
	6	Kanban Item (Do Not Release)
REPETITIVE_PLANNING_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
REPLENISH_TO_ORDER_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RESERVABLE_TYPE	MTL_RESERVATION_CONTROL	MFG_LOOKUPS
	1	Reservable
	2	Not reservable
RESTRICT_LOCATORS_CODE	MTL_LOCATOR_RESTRICTIONS	MFG_LOOKUPS
	1	Locators restricted to pre-defined list

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	Locators not restricted to pre-defined list
RESTRICT_SUBINVENTORIES_CODE	MTL_SUBINVENTORY_RESTRICTIONS	MFG_LOOKUPS
	1	Subinventories restricted to pre-defined list
	2	Subinventories not restricted to pre-defined list
RETURNABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RETURN_INSPECTION_REQUIREMENT	MTL_RETURN_INSPECTION	MFG_LOOKUPS
	1	Inspection required
	2	Inspection not required
REVISION_QTY_CONTROL_CODE	MTL_ENG_QUANTITY	MFG_LOOKUPS
	1	Not under revision quantity control
	2	Under revision quantity control
RFQ_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ROUNDING_CONTROL_TYPE	MTL_ROUNDING	MFG_LOOKUPS
	1	Round order quantities
	2	Do not round order quantities
SERIAL_NUMBER_CONTROL_CODE	MTL_SERIAL_NUMBER	MFG_LOOKUPS
	1	No serial number control
	2	Predefined serial numbers
	5	Dynamic entry at inventory receipt
	6	Dynamic entry at sales order issue
SERVICEABLE_COMPONENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICEABLE_PRODUCT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHELF_LIFE_CODE	MTL_SHELF_LIFE	MFG_LOOKUPS
	1	No shelf life control
	2	Item shelf life days
	4	User-defined expiration date
SHIPPABLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHIP_MODEL_COMPLETE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1	Inventory
	2	Supplier
SO_TRANSACTIONS_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
STOCK_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SUMMARY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
TAXABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
TIME_BILLABLE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
USAGE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VEHICLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VENDOR_WARRANTY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VOL_DISCOUNT_EXEMPT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
WIP_SUPPLY_TYPE	WIP_SUPPLY	MFG_LOOKUPS
	1	Push
	2	Assembly Pull
	3	Operation Pull
	4	Bulk
	5	Supplier
	6	Phantom
	7	Based on Bill
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
OUTSIDE_OPERATION_UOM_TYPE	OUTSIDE OPERATION UOM TYPE	PO_LOOKUP_CODES
	ASSEMBLY	Assembly Unit of Measure
	RESOURCE	Resource Unit of Measure
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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
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

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
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	NULL	NUMBER	Standard Who column
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flexfield segment enabled flag
START_DATE_ACTIVE	NULL	DATE	Flexfield segment start date
END_DATE_ACTIVE	NULL	DATE	Flexfield segment end date
DESCRIPTION	NULL	VARCHAR2(240)	Item description is maintained in the installation base language only. Translations table (MTL_SYSTEM_ITEMS_TL) holds item descriptions in multiple languages
BUYER_ID	NULL	NUMBER(9)	Buyer identifier
ACCOUNTING_RULE_ID	NULL	NUMBER	Accounting rule identifier
INVOICING_RULE_ID	NULL	NUMBER	Invoicing rule identifier
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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

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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
PURCHASING_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating purchasing item
SHIPPABLE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating internally orderable item
SERVICE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating service item
INVENTORY_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating inventory item
ENG_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating engineering item
INVENTORY_ASSET_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is an inventory asset
PURCHASING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is purchasable
CUSTOMER_ORDER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is internally orderable
SO_TRANSACTIONS_FLAG	NOT NULL	VARCHAR2(1)	Sales order transactions flag
MTL_TRANSACTIONS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is transactable
STOCK_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is stockable
BOM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on a BOM
BUILD_IN_WIP_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may be built in WIP
REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Revision quantity control code
ITEM_CATALOG_GROUP_ID	NULL	NUMBER	Item catalog group identifier
CATALOG_STATUS_FLAG	NULL	VARCHAR2(1)	Flag indicating item catalog complete
RETURNABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is returnable
DEFAULT_SHIPPING_ORG	NULL	NUMBER	Default shipping organization
COLLATERAL_FLAG	NULL	VARCHAR2(1)	Flag indicating item is collateral item
TAXABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is taxable
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Over tolerance receipts processing method code
ALLOW_ITEM_DESC_UPDATE_FLAG	NULL	VARCHAR2(1)	Allow item description updates on PO lines
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether inspection is required upon receipt
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating supplier receipt is required before payment

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Column Descriptions (Continued)

Name	Null?	Type	Description
MARKET_PRICE	NULL	NUMBER	Purchasing market price
HAZARD_CLASS_ID	NULL	NUMBER	Purchasing hazard identifier
RFQ_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether an RFQ (request for quotation) is required
QTY_RCV_TOLERANCE	NULL	NUMBER	Maximum acceptable over-receipt percentage
LIST_PRICE_PER_UNIT	NULL	NUMBER	Unit list price - purchasing
UN_NUMBER_ID	NULL	NUMBER	Purchasing UN (United Nations) number
PRICE_TOLERANCE_PERCENT	NULL	NUMBER	Purchase price tolerance percentage
ASSET_CATEGORY_ID	NULL	NUMBER	Fixed asset category identifier (foreign key FA asset category flexfield)
ROUNDING_FACTOR	NULL	NUMBER	Rounding factor used to determine order quantity
UNIT_OF_ISSUE	NULL	VARCHAR2(25)	Unit of issue
ENFORCE_SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(25)	Require receipt location to match ship-to location
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Flag indicating substitute receipts allowed
ALLOW_UNORDERED_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Flag indicating unordered receipts allowed
ALLOW_EXPRESS_DELIVERY_FLAG	NULL	VARCHAR2(1)	Flag indicating express delivery allowed
DAYS_EARLY_RECEIPT_ALLOWED	NULL	NUMBER	Days before planned receipt that item may be received
DAYS_LATE_RECEIPT_ALLOWED	NULL	NUMBER	Days after the planned receipt that item may be received
RECEIPT_DAYS_EXCEPTION_CODE	NULL	VARCHAR2(25)	Exception processing for early/late receipts
RECEIVING_ROUTING_ID	NULL	NUMBER	Default receipt routing
INVOICE_CLOSE_TOLERANCE	NULL	NUMBER	Invoice close tolerance
RECEIVE_CLOSE_TOLERANCE	NULL	NUMBER	Receipt close tolerance
AUTO_LOT_ALPHA_PREFIX	NULL	VARCHAR2(30)	Item-level prefix for lot numbers
START_AUTO_LOT_NUMBER	NULL	VARCHAR2(30)	Next auto assigned lot number
LOT_CONTROL_CODE	NULL	NUMBER	Lot control code
SHELF_LIFE_CODE	NULL	NUMBER	Shelf life code
SHELF_LIFE_DAYS	NULL	NUMBER	Length of shelf life days
SERIAL_NUMBER_CONTROL_CODE	NULL	NUMBER	Serial number control code
START_AUTO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Next auto assigned serial number
AUTO_SERIAL_ALPHA_PREFIX	NULL	VARCHAR2(30)	Item-level alpha prefix for serial numbers
SOURCE_TYPE	NULL	NUMBER	Inventory or supplier source type
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization to source items from
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory to source items from
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
RESTRICT_SUBINVENTORIES_CODE	NULL	NUMBER	Subinventory restrictions type
UNIT_WEIGHT	NULL	NUMBER	Conversion between weight unit of measure and base unit of measure
WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Weight unit of measure code

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Column Descriptions (Continued)

Name	Null?	Type	Description
VOLUME_UOM_CODE	NULL	VARCHAR2(3)	Volume unit of measure code
UNIT_VOLUME	NULL	NUMBER	Conversion between volume unit of measure and base unit of measure
RESTRICT_LOCATORS_CODE	NULL	NUMBER	Locators restrictions type
LOCATION_CONTROL_CODE	NULL	NUMBER	Stock locator control code
SHRINKAGE_RATE	NULL	NUMBER	Planned shrinkage rate
ACCEPTABLE_EARLY_DAYS	NULL	NUMBER	Days an order may be early before rescheduling is recommended
PLANNING_TIME_FENCE_CODE	NULL	NUMBER	Planning time fence code
DEMAND_TIME_FENCE_CODE	NULL	NUMBER	Demand time fence code
LEAD_TIME_LOT_SIZE	NULL	NUMBER	Lead time lot size
STD_LOT_SIZE	NULL	NUMBER	Standard lot size
CUM_MANUFACTURING_LEAD_TIME	NULL	NUMBER	Cumulative manufacturing lead time
OVERRUN_PERCENTAGE	NULL	NUMBER	MRP repetitive acceptable overrun rate
MRP_CALCULATE_ATP_FLAG	NULL	VARCHAR2(1)	Calculate ATP flag (y/n) for MRP planning routine
ACCEPTABLE_RATE_INCREASE	NULL	NUMBER	MRP repetitive acceptable rate increase
ACCEPTABLE_RATE_DECREASE	NULL	NUMBER	MRP repetitive acceptable rate decrease
CUMULATIVE_TOTAL_LEAD_TIME	NULL	NUMBER	Cumulative total lead time
PLANNING_TIME_FENCE_DAYS	NULL	NUMBER	Planning time fence days
DEMAND_TIME_FENCE_DAYS	NULL	NUMBER	Demand time fence days
END_ASSEMBLY_PEGGING_FLAG	NULL	VARCHAR2(1)	End assembly pegging flag for MRP
REPETITIVE_PLANNING_FLAG	NULL	VARCHAR2(1)	Flag indicating item to be planned as repetitive schedule
PLANNING_EXCEPTION_SET	NULL	VARCHAR2(10)	Exception control set
BOM_ITEM_TYPE	NOT NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether all shippable components should be picked
REPLENISH_TO_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Assemble to Order flag
BASE_ITEM_ID	NULL	NUMBER	Base item identifier
ATP_COMPONENTS_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating ATP must be checked when item is ordered
FIXED_LEAD_TIME	NULL	NUMBER	Fixed portion of the assembly's lead time
VARIABLE_LEAD_TIME	NULL	NUMBER	Variable portion of an assembly's lead time
WIP_SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator for WIP transactions
WIP_SUPPLY_TYPE	NULL	NUMBER	Source of WIP material supply
WIP_SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory for WIP transactions
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure code
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary stocking unit of measure for the item
ALLOWED_UNITS_LOOKUP_CODE	NULL	NUMBER	Allowed unit of measure conversion type
COST_OF_SALES_ACCOUNT	NULL	NUMBER	Cost of sales account
SALES_ACCOUNT	NULL	NUMBER	Sales account

Column Descriptions (Continued)

Name	Null?	Type	Description
DEFAULT_INCLUDE_IN_ROLLUP_FLAG	NULL	VARCHAR2(1)	Default value for include in cost rollup
INVENTORY_ITEM_STATUS_CODE	NOT NULL	VARCHAR2(10)	Material status code
INVENTORY_PLANNING_CODE	NULL	NUMBER	Inventory planning code
PLANNER_CODE	NULL	VARCHAR2(10)	Planner code
PLANNING_MAKE_BUY_CODE	NULL	NUMBER	Indicates whether item is planned as manufactured or purchased
FIXED_LOT_MULTIPLIER	NULL	NUMBER	Fixed lot size multiplier
ROUNDING_CONTROL_TYPE	NULL	NUMBER	Rounding control code
CARRYING_COST	NULL	NUMBER	Annual carrying cost
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Post-processing lead time
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Pre-processing lead time
FULL_LEAD_TIME	NULL	NUMBER	Full lead time
ORDER_COST	NULL	NUMBER	Order cost
MRP_SAFETY_STOCK_PERCENT	NULL	NUMBER	Safety stock percentage
MRP_SAFETY_STOCK_CODE	NULL	NUMBER	Safety stock code
MIN_MINMAX_QUANTITY	NULL	NUMBER	Minimum minmax order quantity
MAX_MINMAX_QUANTITY	NULL	NUMBER	Maximum minmax order quantity
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity
FIXED_ORDER_QUANTITY	NULL	NUMBER	Fixed order quantity
FIXED_DAYS_SUPPLY	NULL	NUMBER	Fixed days supply
MAXIMUM_ORDER_QUANTITY	NULL	NUMBER	Maximum order quantity
ATP_RULE_ID	NULL	NUMBER	Available to promise rule to be used for this item
PICKING_RULE_ID	NULL	NUMBER	Picking rule code
RESERVABLE_TYPE	NULL	NUMBER	Hard reservations allowed flag
POSITIVE_MEASUREMENT_ERROR	NULL	NUMBER	Percent error above measured quantity
NEGATIVE_MEASUREMENT_ERROR	NULL	NUMBER	Percent error below measured quantity
ENGINEERING_ECN_CODE	NULL	VARCHAR2(50)	Engineering ECN code
ENGINEERING_ITEM_ID	NULL	NUMBER	Engineering implemented item identifier
ENGINEERING_DATE	NULL	DATE	Engineering implementation date
SERVICE_STARTING_DELAY	NULL	NUMBER	Days after shipment that service begins
VENDOR_WARRANTY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating service for the item is provided by a supplier
SERVICEABLE_COMPONENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the item is serviceable by other service-type items and whether it can be referenced as the component of another item
SERVICEABLE_PRODUCT_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the item is serviceable by other service-type items and can have service requests reported against it
BASE_WARRANTY_SERVICE_ID	NULL	NUMBER	Base warranty identifier
PAYMENT_TERMS_ID	NULL	NUMBER	Payment terms identifier
PREVENTIVE_MAINTENANCE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item can be a preventive maintenance service item
PRIMARY_SPECIALIST_ID	NULL	NUMBER	Primary service specialist
SECONDARY_SPECIALIST_ID	NULL	NUMBER	Secondary service specialist
SERVICEABLE_ITEM_CLASS_ID	NULL	NUMBER	Serviceable item class identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
TIME_BILLABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating service labor hours are billable
MATERIAL_BILLABLE_FLAG	NULL	VARCHAR2(30)	Flag indicating service material is billable
EXPENSE_BILLABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating service expenses are billable
PRORATE_SERVICE_FLAG	NULL	VARCHAR2(1)	Flag indicating cost of service may be prorated
COVERAGE_SCHEDULE_ID	NULL	NUMBER	Coverage schedule identifier
SERVICE_DURATION_PERIOD_CODE	NULL	VARCHAR2(10)	Period code for default service duration
SERVICE_DURATION	NULL	NUMBER	Default service duration
WARRANTY_VENDOR_ID	NULL	NUMBER	Service supplier identifier
MAX_WARRANTY_AMOUNT	NULL	NUMBER	Monetary value of service costs covered by the item
RESPONSE_TIME_PERIOD_CODE	NULL	VARCHAR2(30)	Period code for service response time
RESPONSE_TIME_VALUE	NULL	NUMBER	Default response time
NEW_REVISION_CODE	NULL	VARCHAR2(30)	Indicates how to notify customers of new revisions of the item
INVOICEABLE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on invoices
TAX_CODE	NULL	VARCHAR2(50)	Tax code
INVOICE_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Indicates whether the item can be invoiced
MUST_USE_APPROVED_VENDOR_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating purchases restricted to approved supplier
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
OUTSIDE_OPERATION_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on outside operation purchase order
OUTSIDE_OPERATION_UOM_TYPE	NULL	VARCHAR2(25)	Outside operation unit of measure
SAFETY_STOCK_BUCKET_DAYS	NULL	NUMBER	Safety stock bucket days
AUTO_REDUCE_MPS	NULL	NUMBER(22)	Automatically deletes MPS entries within a time period
COSTING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating cost information is maintained
AUTO_CREATED_CONFIG_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating configuration item automatically created
CYCLE_COUNT_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may be cycle counted
ITEM_TYPE	NULL	VARCHAR2(30)	User-defined item type
MODEL_CONFIG_CLAUSE_NAME	NULL	VARCHAR2(10)	(not currently used)
SHIP_MODEL_COMPLETE_FLAG	NULL	VARCHAR2(1)	Flag indicating model must be complete to ship
MRP_PLANNING_CODE	NULL	NUMBER	MRP Planning option
RETURN_INSPECTION_REQUIREMENT	NULL	NUMBER	RMA inspection requirement
ATO_FORECAST_CONTROL	NULL	NUMBER	Type of forecast control for ATO
RELEASE_TIME_FENCE_CODE	NULL	NUMBER	Flag to indicate if this item is auto releasable by MRP
RELEASE_TIME_FENCE_DAYS	NULL	NUMBER	Number of days within which this item should be auto released

Column Descriptions (Continued)

Name	Null?	Type	Description
CONTAINER_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating if the item is a container. Used for shipping sales orders
VEHICLE_ITEM_FLAG	NULL	VARCHAR2(1)	Indicates if the item is a vehicle or not. Used for shipping sales orders
MAXIMUM_LOAD_WEIGHT	NULL	NUMBER	Maximum load weight of a container or a vehicle that can be used for shipping sales orders
MINIMUM_FILL_PERCENT	NULL	NUMBER	Minimum fill condition under which the container or vehicle should be used
CONTAINER_TYPE_CODE	NULL	VARCHAR2(30)	Container type code for container items. Container types are user defineable
INTERNAL_VOLUME	NULL	NUMBER	Internal volume for container items. Used by Shipping to calculate container capacity restrictions
WH_UPDATE_DATE	NULL	DATE	Warehouse update date for tracking changes relevant to data collected in Data Warehouse
PRODUCT_FAMILY_ITEM_ID	NULL	NUMBER	If the item is product family member, stores the product family identifier. Used in Production Planning
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global descriptive flexfield segment
PURCHASING_TAX_CODE	NULL	VARCHAR2(50)	Purchasing tax code
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	Overcompletion tolerance type
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	Overcompletion tolerance value
EFFECTIVITY_CONTROL	NULL	NUMBER	Effectivity control code. Indicates if the item is under Date Effectivity or Model/Unit Number Effectivity control.
CHECK_SHORTAGES_FLAG	NULL	VARCHAR2(1)	Flag indicating material shortages should be checked for this item
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Over shipment tolerance
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Under shipment tolerance

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Column Descriptions (Continued)

Name	Null?	Type	Description
OVER_RETURN_TOLERANCE	NULL	NUMBER	Over return tolerance
UNDER_RETURN_TOLERANCE	NULL	NUMBER	Under return tolerance
EQUIPMENT_TYPE	NULL	NUMBER	Flag indicating item is equipment
RECOVERED_PART_DISP_CODE	NULL	VARCHAR2(30)	Indicates return is required for recovered pars, scrap in field, which is used for spare parts
DEFECT_TRACKING_ON_FLAG	NULL	VARCHAR2(1)	Specifies whether a defect or bug can be filed against the product
USAGE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating an item represents usage. Usage items can be sold as a use of something
EVENT_FLAG	NULL	VARCHAR2(1)	Identifies item as an event
ELECTRONIC_FLAG	NULL	VARCHAR2(1)	Flag indicating an item exists only in electronic format and not physical
DOWNLOADABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating an item is downloadable
VOL_DISCOUNT_EXEMPT_FLAG	NULL	VARCHAR2(1)	Indicates an item does not contribute to volume discount for any order
COUPON_EXEMPT_FLAG	NULL	VARCHAR2(1)	Indicates an item is excluded from coupons even if it is part of the group that any coupon applies
COMMS_NL_TRACKABLE_FLAG	NULL	VARCHAR2(1)	Identifies an item as network logistics trackable
ASSET_CREATION_CODE	NULL	VARCHAR2(30)	Used to specify when an asset should be created
COMMS_ACTIVATION_REQD_FLAG	NULL	VARCHAR2(1)	Indicates an item requires activation on a network
ORDERABLE_ON_WEB_FLAG	NULL	VARCHAR2(1)	Indicates whether an item is orderable on the web or not. iStore will only sell items with this flag to be true
BACK_ORDERABLE_FLAG	NULL	VARCHAR2(1)	If ATP failed, can item be back ordered
WEB_STATUS	NULL	VARCHAR2(30)	Specifies item web status, which can be web enabled, web published, or neither
INDIVISIBLE_FLAG	NULL	VARCHAR2(1)	Item unit is indivisible

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SYSTEM_ITEMS_B_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	SEGMENT1
MTL_SYSTEM_ITEMS_B_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	DESCRIPTION
MTL_SYSTEM_ITEMS_B_N3	NOT UNIQUE	1	INVENTORY_ITEM_STATUS_CODE
MTL_SYSTEM_ITEMS_B_N4	NOT UNIQUE	1	ORGANIZATION_ID
		2	AUTO_CREATED_CONFIG_FLAG
MTL_SYSTEM_ITEMS_B_N5	NOT UNIQUE	2	WH_UPDATE_DATE
MTL_SYSTEM_ITEMS_B_N6	NOT UNIQUE	2	ITEM_CATALOG_GROUP_ID
		4	CATALOG_STATUS_FLAG
MTL_SYSTEM_ITEMS_B_N7	NOT UNIQUE	2	PRODUCT_FAMILY_ITEM_ID
		4	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID

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Sequences

Sequence	Derived Column
MTL_SYSTEM_ITEMS_B_S	INVENTORY_ITEM_ID

Database Triggers

Trigger Name : MTL_SYSTEM_ITEMS_B_T2_IBE
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : DELETE

This trigger calls iStore procedures to update relationships, section-items and search tables that depend on MTL_SYSTEM_ITEMS_B table.

Trigger Name : MTL_SYSTEM_ITEMS_B_T3_IBE
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : UPDATE

This trigger calls iStore procedures to update relationships and section-items tables that depend on MTL_SYSTEM_ITEMS_B table.

Trigger Name : MTL_SYSTEM_ITEMS_T6_BOM
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT

This trigger creates categories corresponding to product family items being created. It also assigns product family items to their corresponding categories. The trigger uses data that has been stored in the BOM_PFI_PVT package PL/SQL tables by the row level trigger.

Trigger Name : MTL_SYSTEM_ITEMS_T1_BOM
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : INSERT

This trigger stores product family item identifier used later by the statement level trigger for creation of the corresponding category when a new product family item is defined. It makes calls to the BOM_PFI_PVT package procedures.

Trigger Name : MTL_SYSTEM_ITEMS_B_T2_BOM
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : DELETE

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This trigger stores corresponding category identifier that is used later by the statement level trigger for deletion of the category when the product family item is deleted. It makes calls to BOM_PFI_PVT package procedures.

Trigger Name : MTL_SYSTEM_ITEMS_T3_BOM
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : UPDATE

This trigger performs the following functions depending on conditions: 1. Creates product family category when item attribute BOM_ITEM_TYPE is updated to 5. 2. When the item attribute BOM_ITEM_TYPE is changed from 5 to any other value, the trigger stores corresponding category identifier for later deletion of the category by the statement level trigger. 3. Removes an item assignment to the corresponding product family category when the PRODUCT_FAMILY_ITEM_ID column of that item is changed. 4. When the PRODUCT_FAMILY_ITEM_ID column is changed to non-null, stores category ID in the BOM_PFI_PVT package PL/SQL table for an item assignment to that category later by the statement-level trigger.

Trigger Name : MTL_SYSTEM_ITEMS_T4_BOM
Trigger Time : AFTER
Trigger Level : STATEMENT
Trigger Event : UPDATE

This trigger performs the following functions depending on updates of the BOM_ITEM_TYPE and PRODUCT_FAMILY_ITEM_ID columns: 1. Creates categories corresponding to product family items. 2. Assigns new product family items to their corresponding categories. 3. Deletes product family categories. The trigger uses data that has been stored in the BOM_PFI_PVT package PL/SQL tables by the row level trigger.

Trigger Name : MTL_SYSTEM_ITEMS_T5_BOM
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : DELETE

This trigger deletes categories corresponding to product family items being deleted. The trigger uses data that has been stored in the BOM_PFI_PVT package PL/SQL tables by the row level trigger.

Trigger Name : MTL_SYSTEM_ITEMS_T1
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : UPDATE

The trigger is executed when the COSTING_ENABLED_FLAG field in the MTL_SYSTEM_ITEMS table is modified from Yes to No or vice versa. Before updating COSTING_ENABLED_FLAG field, the trigger performs the following tasks for each record that is modified:

- Insert a record into CST_ITEM_COSTS table if COSTING_ENABLED_FLAG field is changed from No to Yes.

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- Delete a record from CST_ITEM_COSTS table if COSTING_ENABLED_FLAG field is changed from Yes to No.

MTL_SYSTEM_ITEMS_TL

MTL_SYSTEM_ITEMS_TL is a table holding translated Description column for Items.

Items now support multilingual description. MLS is implemented with a pair of tables: MTL_SYSTEM_ITEMS_B and MTL_SYSTEM_ITEMS_TL. Translations table (MTL_SYSTEM_ITEMS_TL) holds item descriptions in multiple languages.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
DESCRIPTION	NULL	VARCHAR2(240)	This column contains Item translated description
LONG_DESCRIPTION	NULL	VARCHAR2(4000)	This column contains Item translated Long Description
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SYSTEM_ITEMS_TL_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	LANGUAGE
		3	DESCRIPTION
MTL_SYSTEM_ITEMS_TL_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	LANGUAGE

Database Triggers

Trigger Name : MTL_SYSTEM_ITEMS_TL_TA_IBE
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT, UPDATE, DELETE

This trigger calls iStore procedures to update search table that depends on MTL_SYSTEM_ITEMS_TL table.

MTL_UNITS_OF_MEASURE_TL

MTL_UNITS_OF_MEASURE_TL is the definition table for both the 25-character and the 3-character units of measure. The base_uom_flag indicates if the unit of measure is the primary unit of measure for the uom_class. Oracle Inventory uses this table to keep track of the units of measure used to transact an item. This table is also used by Oracle Purchasing, Oracle Order Management and Oracle Shipping Execution.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_UOM_CLASSES_TL	UOM_CLASS	UOM_CLASS

Column Descriptions

Name	Null?	Type	Description
UNIT_OF_MEASURE (PK)	NOT NULL	VARCHAR2(25)	Unit of measure name
UOM_CODE	NOT NULL	VARCHAR2(3)	Abbreviated unit of measure code
UOM_CLASS	NOT NULL	VARCHAR2(10)	Unit of measure class
BASE_UOM_FLAG	NOT NULL	VARCHAR2(1)	Base unit of measure flag
UNIT_OF_MEASURE_TL	NOT NULL	VARCHAR2(25)	Unit of measure name translation
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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Date when the unit can no longer be used to define conversions
DESCRIPTION	NULL	VARCHAR2(50)	Unit of measure description
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_UNITS_OF_MEASURE_TL_U1	UNIQUE	1	UNIT_OF_MEASURE
		2	LANGUAGE
MTL_UNITS_OF_MEASURE_TL_U2	UNIQUE	1	UOM_CODE
		2	LANGUAGE

MTL_UOM_CLASSES_TL

MTL_UOM_CLASSES is the definition of the unit of measure classes. A class is a category to which units of measure are assigned. Oracle Inventory defines this table, and it is used by Oracle Purchasing, Oracle Order Management and Oracle Shipping Execution.

Column Descriptions

Name	Null?	Type	Description
UOM_CLASS (PK)	NOT NULL	VARCHAR2(10)	Unit of measure class name (eg, volume, weight)
UOM_CLASS_TL	NOT NULL	VARCHAR2(10)	Unit of measure class name (eg, volume, weight)
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
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	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Unit of measure class disable date
DESCRIPTION	NULL	VARCHAR2(50)	Class description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure 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
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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CLASSES_TL_U1	UNIQUE	1	UOM_CLASS
		2	LANGUAGE

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MTL_UOM_CLASS_CONVERSIONS

MTL_UOM_CLASS_CONVERSIONS is where conversions between base units of measure are defined for an item. A base unit of measure is the primary unit for a class.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	FROM_UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	TO_UNIT_OF_MEASURE
MTL_UOM_CLASSES_TL	UOM_CLASS	FROM_UOM_CLASS
MTL_UOM_CLASSES_TL	UOM_CLASS	TO_UOM_CLASS

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
FROM_UNIT_OF_MEASURE (PK)	NOT NULL	VARCHAR2(25)	Base unit of measure of the item's base class
FROM_UOM_CODE	NOT NULL	VARCHAR2(3)	Base unit of measure short name for the item's base class
FROM_UOM_CLASS	NOT NULL	VARCHAR2(10)	Base class of the item (derived from MTL_UNITS_OF_MEASURE)
TO_UNIT_OF_MEASURE (PK)	NOT NULL	VARCHAR2(25)	Base unit of the class to which the conversion is defined
TO_UOM_CODE	NOT NULL	VARCHAR2(3)	Base unit short name of the class to which the conversion is defined
TO_UOM_CLASS	NOT NULL	VARCHAR2(10)	Class to which the conversion is defined (derived from MTL_UNITS_OF_MEASURE)
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	NULL	NUMBER	Standard Who column
CONVERSION_RATE	NOT NULL	NUMBER	Conversion rate from the item's class base unit to the "to" class base unit
DISABLE_DATE	NULL	DATE	Date when the defined inter-class conversion can no longer be used
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
MTL_UOM_CLASS_CONVERSIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UNIT_OF_MEASURE
MTL_UOM_CLASS_CONVERSIONS_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UOM_CODE

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Indexes (Continued)

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_UOM_CLASS_CONVERSIONS_U3	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UOM_CLASS

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MTL_UOM_CONVERSIONS

MTL_UOM_CONVERSIONS stores conversion rates between non-base units of measure and their base unit. The non-base units of measure are stored in the table.

The `default_conversion_flag` indicates that the conversion being defined is 1) associated with a specific item and 2) the conversion between units of measure has already been defined as a standard conversion with the same conversion rate.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
MTL_UOM_CLASSES_TL	UOM_CLASS	UOM_CLASS

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_CONVERSION_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
UNIT_OF_MEASURE (PK)	NOT NULL	VARCHAR2(25)	Unit of measure long name
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure short name
UOM_CLASS	NOT NULL	VARCHAR2(10)	Class of the conversion unit of measure (derived from MTL_UNITS_OF_MEASURE)
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
CONVERSION_RATE	NULL	NUMBER	Conversion rate from conversion unit to base unit of class
DEFAULT_CONVERSION_FLAG	NOT NULL	VARCHAR2(1)	'Y' if conversion is the same as the default conversion
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	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Date when the conversion is no longer valid to be used in the system (transactions, etc)
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
MTL_UOM_CONVERSIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	UNIT_OF_MEASURE

Indexes (Continued)

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
MTL_UOM_CONVERSIONS_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	UOM_CODE

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OE_AGREEMENTS_B

OE_AGREEMENTS_B stores all information about pricing agreements. The override rule flags determine whether the invoice or accounting rule from the pricing agreement must always be used. If the override flags set to No, then the pricing agreement rules must be used by the Receivables Interface when processing order lines referencing this agreement. If the override flags are set to Yes, then the Receivables Interface may use the item or order rules, if available.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QP_LIST_HEADERS_B	LIST_HEADER_ID	PRICE_LIST_ID
RA_CONTACTS_HZ	CONTACT_ID	AGREEMENT_CONTACT_ID
RA_CUSTOMERS_HZ	CUSTOMER_ID	INVOICE_TO_ORG_ID
RA_CUSTOMERS_HZ	CUSTOMER_ID	SOLD_TO_ORG_ID
RA_RULES	RULE_ID	INVOICING_RULE_ID
RA_RULES	RULE_ID	ACCOUNTING_RULE_ID
RA_SALESREPS_ALL	SALESREP_ID	SALESREP_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AGREEMENT_TYPE_CODE	QP_AGREEMENT_TYPE	QP_LOOKUPS
	GSA	Government Service Agreement
	STANDARD	Standard Terms and Conditions
	VPA	Volume Purchase Agreement

Column Descriptions

Name	Null?	Type	Description
AGREEMENT_ID	NOT NULL	NUMBER	Primary Key of OE_AGREEMENTS_B. System Generated ID
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
LAST_UPDATE_LOGIN		NUMBER	Standard Who Column
AGREEMENT_TYPE_CODE		VARCHAR2(30)	Code used to group pricing agreements for reporting
PRICE_LIST_ID	NOT NULL	NUMBER	Price list used for this pricing agreement
TERM_ID	NOT NULL	NUMBER	Payment terms for this pricing agreement
OVERRIDE_IRULE_FLAG	NOT NULL	VARCHAR2(1)	Override Invoicing Rule flag
OVERRIDE_ARULE_FLAG	NOT NULL	VARCHAR2(1)	Override Accounting rule flag
SIGNATURE_DATE		DATE	Date agreement is signed
AGREEMENT_NUM		VARCHAR2(50)	User defined number for this pricing agreement
REVISION	NOT NULL	VARCHAR2(50)	Revision reference for pricing agreement.
REVISION_DATE	NOT NULL	DATE	Date on which this revision was created or updated.
REVISION_REASON_CODE		VARCHAR2(30)	Reason for creating/changing the revision

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Column Descriptions (Continued)

Name	Null?	Type	Description
FREIGHT_TERMS_CODE	NULL	VARCHAR2(30)	Freight Terms for agreement. Used for defaulting purposes in Order Management.
SHIP_METHOD_CODE	NULL	VARCHAR2(30)	Freight carrier on agreement. Used for defaulting purposes in Order Management.
INVOICING_RULE_ID	NULL	NUMBER	Invoicing rule
ACCOUNTING_RULE_ID	NULL	NUMBER	Accounting rule
SOLD_TO_ORG_ID	NULL	NUMBER	Sold to organization
PURCHASE_ORDER_NUM	NULL	VARCHAR2(50)	Purchase order for this agreement
INVOICE_CONTACT_ID	NULL	NUMBER	Contact for the invoice to customer
AGREEMENT_CONTACT_ID	NULL	NUMBER	Contact for the agreement
INVOICE_TO_ORG_ID	NULL	NUMBER	Invoice to organization
SALESREP_ID	NULL	NUMBER	Salesperson for the agreement
START_DATE_ACTIVE	NULL	DATE	Date this record becomes active, if limited
END_DATE_ACTIVE	NULL	DATE	Date this record becomes inactive, if limited
COMMENTS	NULL	VARCHAR2(2000)	Used to record additional descriptive text for the pricing agreement
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure 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
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
TP_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	For use by Oracle Automotive
TP_ATTRIBUTE1	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE2	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE3	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE4	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE5	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE6	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE7	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE8	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE9	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE10	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE11	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE12	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE13	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE14	NULL	VARCHAR2(240)	For use by Oracle Automotive
TP_ATTRIBUTE15	NULL	VARCHAR2(240)	For use by Oracle Automotive

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Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
OE_AGREEMENTS_B_U1	UNIQUE	5	AGREEMENT_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
OE_AGREEMENTS_S	AGREEMENT_ID

OE_AGREEMENTS_TL

OE_AGREEMENTS_TL stores the translatable column, i.e. name of the agreement, in each of the available languages in the database.

Column Descriptions

Name	Null?	Type	Description
AGREEMENT_ID	NOT NULL	NUMBER	References primary key of OE_AGREEMENTS_B
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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
LANGUAGE	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	The 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.
NAME	NOT NULL	VARCHAR2(240)	Agreement name

Indexes

Index Name	Index Type	Sequence	Column Name
OE_AGREEMENTS_TL_U1	UNIQUE	5 10	AGREEMENT_ID LANGUAGE

Sequences

Sequence	Derived Column
OE_AGREEMENTS_S	AGREEMENT_ID

OE_AK_OBJECTS_EXT

Extension tables to AK_OBJECTS. Used to store additional data (ex. can the object be defaulted or constrained) for the defaulting/constraints framework.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_OBJECTS	DATABASE_OBJECT_NAME	DATABASE_OBJECT_NAME
FND_DOCUMENT_ENTITIES	DATA_OBJECT_CODE	DATA_OBJECT_CODE

Column Descriptions

Name	Null?	Type	Description
APPLICATION_ID	NOT NULL	NUMBER	Application to which this entity belongs
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Database object associated with this entity in AK dictionary
DATABASE_OBJECT_TYPE	NOT NULL	VARCHAR2(5)	VIEW if database object is a view
ENTITY_ID (PK)	NOT NULL	NUMBER	Primary key column
ENTITY_CODE	NOT NULL	VARCHAR2(15)	Entity code used in the names of generated defaulting and constraints packages
DEFAULTING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	'Y' if defaulting rules can be defined for attributes on this object
CONSTRAINTS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	'Y' if processing constraints can be defined for this object/entity
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Workflow item type associated with this object. Used in constraints framework if the validation template has a validation type of 'WF'
ITEMKEY_COLUMN1	NULL	VARCHAR2(30)	Database column on the object that is used in the WF itemkey
ITEMKEY_COLUMN2	NULL	VARCHAR2(30)	Database column on the object that is used in the WF itemkey
ITEMKEY_COLUMN3	NULL	VARCHAR2(30)	Database column on the object that is used in the WF itemkey
ITEMKEY_COLUMN4	NULL	VARCHAR2(30)	Database column on the object that is used in the WF itemkey
ITEMKEY_DELIMITER	NULL	VARCHAR2(1)	Delimiter used in concatenating the columns for the WF itemkey if more than one itemkey column
CREATION_DATE	NOT NULL	DATE	Standard Who column
DATA_OBJECT_CODE	NULL	VARCHAR2(30)	Document entity registered in FND_DOCUMENT_ENTITIES against which attachments are created for this object. Foreign key to FND_DOCUMENT_ENTITIES.DATA_OBJECT_CODE.
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
OE_AK_OBJECTS_EXT_U1	UNIQUE	2	ENTITY_ID

OE_AK_OBJ_ATTR_EXT

Extension table to AK Object Attributes. Used to store additional data, (eg. can the attribute be defaulted /constrained , security / clear dependent APIs) for the defaulting or constraints framework.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_OBJECT_ATTRIBUTES	DATABASE_OBJECT_NAME ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE	DATABASE_OBJECT_NAME ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE
OE_AK_OBJECTS_EXT	DATABASE_OBJECT_NAME	DATABASE_OBJECT_NAME

Column Descriptions

Name	Null?	Type	Description
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Database object in AK for this attribute
ATTRIBUTE_ID (PK)	NOT NULL	NUMBER	Descriptive Flex-field segment
ATTRIBUTE_CODE	NOT NULL	VARCHAR2(30)	Descriptive Flex-field segment
ATTRIBUTE_APPLICATION_ID	NOT NULL	NUMBER	Descriptive Flex-field segment
DEFAULTING_SEQUENCE	NOT NULL	NUMBER	Sequence in which this attribute is defaulted
DEFAULTING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	'Y' if defaulting rules can be defined for this attribute
DEFAULTING_CONDN_REF_FLAG	NOT NULL	VARCHAR2(1)	'Y' if this attribute can be used in building defaulting conditions
DEFAULTING_SOURCE_FLAG	NOT NULL	VARCHAR2(1)	'Y' if this attribute can be used as a defaulting source
CONSTRAINTS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	'Y' if constraints can be setup for this attribute
CONSTRAINT_CONDN_REF_FLAG	NOT NULL	VARCHAR2(1)	'Y' if this attribute can be used in constraints validation templates
PRICING_RULE_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Obsolete Column
DISCOUNTS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Used to indicate that the column can be used in applying discounts
HOLDS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	If 'Y' this attribute can be used in creating hold sources.
NOTES_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	If 'Y' this attribute can be used in building attachment addition rules
ATTACHMENTS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	if 'Y', this attribute can be used in building attachment rules
COLUMN_TYPE_CODE	NULL	VARCHAR2(30)	Obsolete Column
DEPENDENT_API_PKG	NULL	VARCHAR2(30)	Database package that clears the dependent attributes for this attribute
DEPENDENT_API_PROC	NULL	VARCHAR2(30)	Procedure to clear dependent attributes for this attribute
SECURITY_API_PKG	NULL	VARCHAR2(30)	Database package to check security constraints on this attribute
SECURITY_API_PROC	NULL	VARCHAR2(30)	Procedure to check security constraints on this attribute
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
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment
STATE_ATTRIBUTE_FLAG	NULL	VARCHAR2(1)	If 'Y', this attribute represents a status column i.e. it stores information on what is the workflow state of the order or line. (e.g. BOOKED_FLAG)

Indexes

Index Name	Index Type	Sequence	Column Name
OE_AK_OBJ_ATTR_EXT_U1	UNIQUE	1	ATTRIBUTE_ID

Sequences

Sequence	Derived Column
OE_AK_OBJ_ATTR_EXT_S	ATTRIBUTE_ID

OE_DEF_ATTR_CONDNS

Associates the defaulting condition, defined at the entity level (CONDITION_ID), to a specific attribute (ATTRIBUTE_CODE).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
OE_DEF_CONDITIONS	CONDITION_ID	CONDITION_ID

Column Descriptions

Name	Null?	Type	Description
ATTR_DEF_CONDITION_ID (PK)	NOT NULL	NUMBER	Primary key column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Base view for the object to which the attribute belongs
ATTRIBUTE_CODE	NOT NULL	VARCHAR2(30)	Descriptive Flexfield segment
CONDITION_ID	NOT NULL	NUMBER	Defaulting condition associated with the attribute condition. Foreign key to OE_DEF_CONDITIONS
PRECEDENCE	NOT NULL	NUMBER	Precedence in which this condition is evaluated. Conditions with lower precedence value are evaluated first
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment
SYSTEM_FLAG	NULL	VARCHAR2(1)	'Y' for seeded condition

Indexes

Index Name	Index Type	Sequence	Column Name
OE_DEF_ATTR_CONDNS_N1	NOT UNIQUE	1	ATTRIBUTE_CODE
		2	DATABASE_OBJECT_NAME
OE_DEF_ATTR_CONDNS_U1	UNIQUE	2	ATTR_DEF_CONDITION_ID
OE_DEF_ATTR_CONDNS_N2	NOT UNIQUE	2	CONDITION_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
OE_ATTR_DEF_CONDITION_S	ATTR_DEF_CONDITION_ID

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OE_DEF_ATTR_DEF_RULES

Defaulting rules for an attribute (Attribute_code) for a defaulting condition (DEF_ATTR_CONDITION_ID).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
OE_AK_OBJ_ATTR_EXT	ATTRIBUTE_CODE DATABASE_OBJECT_NAME	ATTRIBUTE_CODE DATABASE_OBJECT_NAME
OE_DEF_ATTR_CONDNS	ATTR_DEF_CONDITION_ID	ATTR_DEF_CONDITION_ID

Column Descriptions

Name	Null?	Type	Description
ATTR_DEF_RULE_ID (PK)	NOT NULL	NUMBER	Primary key column
ATTR_DEF_CONDITION_ID	NOT NULL	NUMBER	Attribute level defaulting condition associated with this defaulting rule
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Base view of the object to which the attribute being defaulted belongs
ATTRIBUTE_CODE	NOT NULL	VARCHAR2(30)	Descriptive Flexfield segment
SEQUENCE_NO	NOT NULL	NUMBER	Order of searching the rules. Rules with lower sequence number are first searched for a default value
SRC_TYPE	NOT NULL	VARCHAR2(30)	Type of the default source ('API', 'CONSTANT', 'RELATED_RECORD' etc.)
SYSTEM_FLAG	NOT NULL	VARCHAR2(1)	'Y' if seeded rule. SEQUENCE_NO for this rule can be changed
PERMANENT_FLAG	NOT NULL	VARCHAR2(1)	'Y' if rule is permanent and no fields on the rule can be changed
SRC_API_PKG	NULL	VARCHAR2(30)	Name of the defaulting API if source type is API
SRC_API_FN	NULL	VARCHAR2(120)	Name of the defaulting function if source type is API
SRC_PROFILE_OPTION	NULL	VARCHAR2(30)	Profile option to be defaulted from if source type is PROFILE
SRC_CONSTANT_VALUE	NULL	VARCHAR2(240)	Constant default value if source type is CONSTANT
SRC_SYSTEM_VARIABLE_EXPR	NULL	VARCHAR2(255)	System expression that is evaluated for the default value if source type is 'SYSTEM'
SRC_PARAMETER_NAME	NULL	VARCHAR2(30)	OBSOLETE (original use: source parameter name if the source type is PARAMETER)
SRC_FOREIGN_KEY_NAME	NULL	VARCHAR2(30)	OBSOLETE (original use: name of the foreign key in AK if source type is related record)
SRC_DATABASE_OBJECT_NAME	NULL	VARCHAR2(30)	Base view for the related source object to be defaulted from if source type is 'RELATED_RECORD'

Column Descriptions (Continued)

Name	Null?	Type	Description
SRC_ATTRIBUTE_CODE	NULL	VARCHAR2(30)	Attribute on the related object or same object to be defaulted from if source type is 'RELATED_RECORD' or 'SAME_RECORD' respectively.
SRC_SEQUENCE_NAME	NULL	VARCHAR2(30)	Next number in this sequence is the default value if source type is SEQUENCE
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
OE_DEF_ATTR_DEF_RULES_N1	NOT UNIQUE	2	ATTRIBUTE_CODE
		4	DATABASE_OBJECT_NAME
OE_DEF_ATTR_DEF_RULES_N3	NOT UNIQUE	2	ATTR_DEF_CONDITION_ID
OE_DEF_ATTR_DEF_RULES_U1	UNIQUE	2	ATTR_DEF_RULE_ID

Sequences

Sequence	Derived Column
OE_DEF_ATTR_DEF_RULES_S	ATTR_DEF_RULE_ID

OE_DEF_CONDITIONS

This table stores defaulting conditions for an entity. The defaulting rules for attributes on this entity can be associated with these conditions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
OE_AK_OBJECTS_EXT	DATABASE_OBJECT_NAME	DATABASE_OBJECT_NAME

Column Descriptions

Name	Null?	Type	Description
CONDITION_ID (PK)	NOT NULL	NUMBER	Primary key column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
DATABASE_OBJECT_NAME (PK)	NOT NULL	VARCHAR2(30)	Base view for the object on which the condition is defined
NUMBER_OF_ELEMENTS	NOT NULL	NUMBER	Number of condition elements
SYSTEM_FLAG	NOT NULL	VARCHAR2(1)	'Y' if seeded defaulting condition
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
OE_DEF_CONDITIONS_U1	UNIQUE	2 4	DATABASE_OBJECT_NAME CONDITION_ID

Sequences

Sequence	Derived Column
OE_DEF_CONDITIONS_S	CONDITION_ID

OE_DEF_CONDITIONS_TL

OE_DEF_CONDITIONS_TL stores the translated columns for defaulting conditions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
OE_DEF_CONDITIONS	CONDITION_ID	CONDITION_ID

Column Descriptions

Name	Null?	Type	Description
CONDITION_ID (PK)	NOT NULL	NUMBER	Primary key column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language of the MLS Columns
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language of the MLS Columns
DISPLAY_NAME	NOT NULL	VARCHAR2(50)	Display name of the defaulting condition
DESCRIPTION	NULL	VARCHAR2(2000)	Description of the defaulting condition
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
OE_DEF_CONDITIONS_TL_U1	UNIQUE	2 4	CONDITION_ID LANGUAGE

OE_DEF_CONDN_ELEMS

This table stores elements (columns and column values) that makeup the defaulting condition identified by condition_id.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
OE_DEF_CONDITIONS	CONDITION_ID	CONDITION_ID

Column Descriptions

Name	Null?	Type	Description
CONDITION_ELEMENT_ID (PK)	NOT NULL	NUMBER	Primary key column
CONDITION_ID	NOT NULL	NUMBER	Defaulting condition that has this condition element
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
SYSTEM_FLAG	NOT NULL	VARCHAR2(1)	Y if seeded condition element
GROUP_NUMBER	NOT NULL	NUMBER	logical group number (elements with the same group number are ANded)
ATTRIBUTE_CODE	NOT NULL	VARCHAR2(30)	Descriptive Flexfield segment
VALUE_OP	NOT NULL	VARCHAR2(15)	Operator on the attribute value ('=', '' etc.)
VALUE_STRING	NULL	VARCHAR2(255)	Value of the attribute for the condition element to be TRUE
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
OE_DEF_CONDN_ELEMS_N1	NOT UNIQUE	2	CONDITION_ID
		4	ATTRIBUTE_CODE
OE_DEF_CONDN_ELEMS_N2	NOT UNIQUE	2	ATTRIBUTE_CODE
		4	VALUE_STRING
OE_DEF_CONDN_ELEMS_U1	UNIQUE	2	CONDITION_ELEMENT_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
OE_DEF_CONDITION_ELEMENTS_S	CONDITION_ELEMENT_ID

OE_TRANSACTION_TYPES_ALL

This table stores information about the order and line transaction types.
This is a multi-org table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	USER_CONVERSION_TYPE	CONVERSION_TYPE_CODE
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	WAREHOUSE_ID
OE_CREDIT_CHECK_RULES	CREDIT_CHECK_RULE_ID	ENTRY_CREDIT_CHECK_RULE_ID
OE_CREDIT_CHECK_RULES	CREDIT_CHECK_RULE_ID	SHIPPING_CREDIT_CHECK_RULE_ID
OE_TRANSACTION_TYPES_ALL	TRANSACTION_TYPE_ID	DEFAULT_OUTBOUND_LINE_TYPE_ID
OE_TRANSACTION_TYPES_ALL	TRANSACTION_TYPE_ID	DEFAULT_INBOUND_LINE_TYPE_ID
OE_TRANSACTION_TYPES_ALL	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID
QP_LIST_HEADERS_B	LIST_HEADER_ID	PRICE_LIST_ID
RA_BATCH_SOURCES_ALL	BATCH_SOURCE_ID	INVOICE_SOURCE_ID
RA_BATCH_SOURCES_ALL	BATCH_SOURCE_ID	NON_DELIVERY_INVOICE_SOURCE_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	CUST_TRX_TYPE_ID
RA_RULES	RULE_ID	ACCOUNTING_RULE_ID
RA_RULES	RULE_ID	INVOICING_RULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FOB_POINT_CODE	FOB	AR_LOOKUPS
	BUY	Buyer
	CUSTOMER SITE	Customer Site
	FACTORY	Factory
	LOAD	Loading Dock
	SEL	Seller
	SHIP POINT User defined	Shipping Point
AGREEMENT_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
AUTO_SCHEDULING_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ENFORCE_LINE_PRICES_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
FREIGHT_TERMS_CODE	FREIGHT_TERMS	OE_LOOKUPS
INSPECTION_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
PO_REQUIRED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHIPMENT_PRIORITY_CODE	SHIPMENT_PRIORITY	OE_LOOKUPS

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Column Descriptions

Name	Null?	Type	Description
TRANSACTION_TYPE_ID (PK)	NOT NULL	NUMBER	This Column Stores Primary Key Value
TRANSACTION_TYPE_CODE	NOT NULL	VARCHAR2(30)	This Column stores the value that distinguish order and line types
ORDER_CATEGORY_CODE	NULL	VARCHAR2(30)	This column indicates the type of lines (Regular/Return/Mixed) transaction type allows
START_DATE_ACTIVE	NOT NULL	DATE	This column stores the start date for transaction type
END_DATE_ACTIVE	NULL	DATE	This column stores the end date for transaction type
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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Application of concurrent program that last updated row.
PROGRAM_ID	NULL	NUMBER	Concurrent program that last updated row.
REQUEST_ID	NULL	NUMBER	Concurrent request that last changed row
CURRENCY_CODE	NULL	VARCHAR2(30)	This column stores the GL currency code
CONVERSION_TYPE_CODE	NULL	VARCHAR2(30)	This column stores GL conversion type
CUST_TRX_TYPE_ID	NULL	NUMBER	Customer Transaction Type ID
COST_OF_GOODS_SOLD_ACCOUNT	NULL	NUMBER	This column stores GL account
ENTRY_CREDIT_CHECK_RULE_ID	NULL	NUMBER	This column stores Entry Credit Check Rule
SHIPPING_CREDIT_CHECK_RULE_ID	NULL	NUMBER	This column stores Credit check rule at shipping
PRICE_LIST_ID	NULL	NUMBER	Stores Price List
ENFORCE_LINE_PRICES_FLAG	NULL	VARCHAR2(1)	Stores flag to indicate enforce line price
WAREHOUSE_ID	NULL	NUMBER	Stores warehouse
DEMAND_CLASS_CODE	NULL	VARCHAR2(30)	Stores customer demand class
SHIPMENT_PRIORITY_CODE	NULL	VARCHAR2(30)	Stores Shipment Priority
SHIPPING_METHOD_CODE	NULL	VARCHAR2(30)	Stores shipping method
FREIGHT_TERMS_CODE	NULL	VARCHAR2(30)	Stores freight terms
FOB_POINT_CODE	NULL	VARCHAR2(30)	Stores free on board point
SHIP_SOURCE_TYPE_CODE	NULL	VARCHAR2(30)	Stores Shipment source type lookup
AGREEMENT_TYPE_CODE	NULL	VARCHAR2(30)	Stores Agreement Type
AGREEMENT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Stores Agreement required flag
PO_REQUIRED_FLAG	NULL	VARCHAR2(1)	Stores PO required flag
INVOICING_RULE_ID	NULL	NUMBER	Invoicing rule used by AR for generating Invoice
INVOICING_CREDIT_METHOD_CODE	NULL	VARCHAR2(30)	Invoicing Credit method used by ar for returns
ACCOUNTING_RULE_ID	NULL	NUMBER	Accounting rule used by AR for generating Invoice
ACCOUNTING_CREDIT_METHOD_CODE	NULL	VARCHAR2(30)	Accounting Credit method used by ar for returns
INVOICE_SOURCE_ID	NULL	VARCHAR2(30)	Invoice Source for generating Invoice numbers

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
NON_DELIVERY_INVOICE_SOURCE_ID	NULL	VARCHAR2(30)	Invoice Source for generating Invoice numbers for non delivery lines if invoice numbering method is 'DELIVERY'
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	This column is to tell whether the workflow associated with this return line type waits for inspection
DEPOT_REPAIR_CODE	NULL	VARCHAR2(30)	Not Currently used.
ORG_ID	NULL	NUMBER	Stores Operating Unit
AUTO_SCHEDULING_FLAG	NULL	VARCHAR2(1)	Stores Flag to drive scheduling operation
SCHEDULING_LEVEL_CODE	NULL	VARCHAR2(30)	Stores Scheduling level
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment
DEFAULT_INBOUND_LINE_TYPE_ID	NULL	NUMBER	This column stores default return line type for a return or a mixed order
DEFAULT_OUTBOUND_LINE_TYPE_ID	NULL	NUMBER	Stores default regular line type

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
OE_TRANSACTION_TYPES_ALL_U1	UNIQUE	1	TRANSACTION_TYPE_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
OE_TRANSACTION_TYPES_S	TRANSACTION_TYPE_ID

OE_TRANSACTION_TYPES_TL

This is a mult-lingual table for OE_TRANSACTION_TYPES_ALL table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_LANGUAGES	LANGUAGE_CODE	LANGUAGE
OE_TRANSACTION_TYPES_ALL	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_TYPE_ID (PK)	NOT NULL	NUMBER	Primary Key in translated table
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Primary Key together with Type id
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language in which the name is created or updated
NAME	NOT NULL	VARCHAR2(30)	Name in translated language
DESCRIPTION	NULL	VARCHAR2(2000)	User given description in translated language
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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Application of concurrent program that last updated row.
PROGRAM_ID	NULL	NUMBER	Concurrent program that last updated row.
REQUEST_ID	NULL	NUMBER	Concurrent request that last changed row

Indexes

Index Name	Index Type	Sequence	Column Name
OE_TRANSACTION_TYPES_TL_U1	UNIQUE	1	TRANSACTION_TYPE_ID
		2	LANGUAGE

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QP_ATTRIBUTE_DEFNS

QP_ATTRIBUTE_DEFNS is the table on which the Qualifier and Pricing Attribute Descriptive Flexfields are based. It is used for the entity and attribute definition in attribute sourcing.

Column Descriptions

Name	Null?	Type	Description
PRICING_CONTEXT	NULL	VARCHAR2(30)	Used to define flexfield context while defining pricing flexfields. The following 1-100 attribute columns are used as segments to define pricing attributes as flexfield segments.
PRICING_ATTRIBUTE1	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE2	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE3	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE4	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE5	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE6	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE7	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE8	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE9	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE10	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE11	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE12	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE13	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE14	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE15	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE16	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE17	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE18	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE19	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE20	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE21	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE22	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE23	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE24	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE25	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE26	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE27	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE28	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE29	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE30	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE31	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE32	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE33	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE34	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE35	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE36	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE37	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE38	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE39	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE40	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE41	NULL	VARCHAR2(240)	Stores the Pricing Attribute.

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Column Descriptions (Continued)

Name	Null?	Type	Description
PRICING_ATTRIBUTE96	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE97	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE98	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE99	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
PRICING_ATTRIBUTE100	NULL	VARCHAR2(240)	Stores the Pricing Attribute.
QUALIFIER_CONTEXT	NULL	VARCHAR2(30)	Used to define flexfield context while defining qualifier flexfields. The following 1-100 attribute columns are used as segments to define qualifier attributes as flexfield segments.
QUALIFIER_ATTRIBUTE1	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE2	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE3	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE4	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE5	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE6	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE7	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE8	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE9	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE10	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE11	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE12	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE13	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE14	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE15	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE16	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE17	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE18	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE19	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE20	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE21	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE22	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE23	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE24	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE25	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE26	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE27	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE28	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE29	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE30	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE31	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE32	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE33	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE34	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE35	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE36	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE37	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE38	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE39	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE40	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE41	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE42	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE43	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE44	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
QUALIFIER_ATTRIBUTE99	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.
QUALIFIER_ATTRIBUTE100	NULL	VARCHAR2(240)	Stores the Qualifier Attribute.

QP_CHARGE_LOOKUP

Charge Types available for the setup of Freight and Special charges.

View Definition

```
CREATE VIEW QP_CHARGE_LOOKUP
  as SELECT
    LOOKUP_TYPE,
  LOOKUP_CODE,
  MEANING,
  DESCRIPTION,
  ENABLED_FLAG,
  START_DATE_ACTIVE,
  END_DATE_ACTIVE
  FROM QP_LOOKUPS LKP
    Where LOOKUP_TYPE = 'FREIGHT_CHARGES_TYPE'
  UNION
  SELECT LOOKUP_TYPE,
  LOOKUP_CODE,
  MEANING,
  DESCRIPTION,
  ENABLED_FLAG,
  START_DATE_ACTIVE,
  END_DATE_ACTIVE
  FROM WSH_LOOKUPS
  WHERE LOOKUP_TYPE = 'FREIGHT_COST_TYPE'
```

Column Descriptions

Name	Null?	Type	Description
LOOKUP_TYPE	NULL	VARCHAR2(30)	Refer to base table.
LOOKUP_CODE	NULL	VARCHAR2(30)	Refer to base table.
MEANING	NULL	VARCHAR2(80)	Refer to base table.
DESCRIPTION	NULL	VARCHAR2(240)	Refer to base table.
ENABLED_FLAG	NULL	VARCHAR2(1)	Refer to base table.
START_DATE_ACTIVE	NULL	DATE	Refer to base table.
END_DATE_ACTIVE	NULL	DATE	Refer to base table.

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QP_COUPONS

QP_COUPONS stores any Coupons which have been issued. A COUPON is an offer of discount or other benefit on a future order. Whenever a modifier of type Coupon Issue is given on a pricing request, a record is created in this table. Each record references the Coupon Issue modifier which generated the Coupon. Once a Coupon has been used to get the discount or benefit, the Coupon is marked as redeemed, i.e. REDEEMED_FLAG is set to Y – Yes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QP_LIST_LINES	LIST_LINE_ID	ISSUED_BY_MODIFIER_ID

Column Descriptions

Name	Null?	Type	Description
COUPON_ID (PK)	NOT NULL	NUMBER	Primary key which uniquely identifies the Coupon.
CREATION_DATE	NOT NULL	DATE	Standard WHO column
CREATED_BY	NULL	VARCHAR2(240)	Standard WHO column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard WHO column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard WHO column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard WHO column
COUPON_NUMBER	NOT NULL	VARCHAR2(240)	The user-defined unique reference for the Coupon. This reference is generated by combining the modifier number of the Coupon Issue modifier, from which the Coupon was generated, with a unique sequence generated number. The original user defined number is stored in USER_DEF_COUPON_NUMBER, the number generated by the sequence is stored in GENERATED_COUPON_NUMBER.
ISSUED_DATE	NOT NULL	DATE	The date on which the Coupon was issued.
EXPIRATION_DATE	NULL	DATE	The date on which the Coupon will expire if not redeemed.
ISSUED_BY_MODIFIER_ID	NOT NULL	NUMBER	Identifier of the original modifier list line from which the Coupon was generated.
USER_DEF_COUPON_NUMBER	NULL	VARCHAR2(30)	Modifier number (LIST_LINE_NO) of the "Coupon Issue" modifier from which the coupon was generated.
GENERATED_COUPON_NUMBER	NOT NULL	NUMBER	The unique sequence generated number which is appended to USER_DEF_COUPON_NUMBER to create unique reference number for the coupon, i.e. COUPON_NUMBER.
START_DATE	NULL	DATE	The date the coupon becomes effective.
REDEEMED_FLAG	NOT NULL	VARCHAR2(1)	Used to indicate whether a coupon has been redeemed.

Column Descriptions (Continued)

Name	Null?	Type	Description
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_COUPONS_PK	UNIQUE	5	COUPON_ID

Sequences

Sequence	Derived Column
QP_COUPONS_S	COUPON_ID

QP_EVENT_PHASES

QP_EVENT_PHASES stores the mapping between pricing events and pricing phases. This table will contain one record for each pricing event and pricing phase combination.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QP_PRICING_PHASES	PRICING_PHASE_ID	PRICING_PHASE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PRICING_EVENT_CODE	PRICING_EVENTS	QP_LOOKUPS
	BATCH	Batch Processing
	BOOK	Book Order
	LINE	Enter Order Line
	ORDER	Save Order Event
	PRICE	Fetch List Price
SEARCH_FLAG	SHIP	Enter Shipments
	YES / NO	FND_LOOKUPS
	N	No
SEDED_FLAG	Y	Yes
	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
PRICING_EVENT_CODE	NOT NULL	VARCHAR2(30)	User-definable pricing event (lookup type = 'PRICING_EVENTS')
PRICING_PHASE_ID	NOT NULL	NUMBER	Identifier for the Pricing Phase.
START_DATE_ACTIVE	NULL	DATE	Date the event - phase combination becomes effective.
END_DATE_ACTIVE	NULL	DATE	Date the event - phase combination becomes ineffective.
SEARCH_FLAG	NOT NULL	VARCHAR2(1)	Used by the pricing engine to decide whether for this phase in this event, the search engine should perform a search for price or modifier lists in addition to any that the calling application has provided.
SEDED_FLAG	NULL	VARCHAR2(1)	Indicates whether the Event - Phase combination is seeded data.
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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_EVENT_PHASES_U1	UNIQUE	5	PRICING_EVENT_CODE
		10	PRICING_PHASE_ID

QP_LIST_HEADERS_B

QP_LIST_HEADERS_B stores the header information for all lists. List types can be, for example, Price Lists, Discount Lists or Promotions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
QP_LIST_HEADERS_B	LIST_HEADER_ID	PARENT_LIST_HEADER_ID
RA_TERMS_B	TERM_ID	TERMS_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_DATE_FIRST_TYPE	EFFECTIVE_DATE_TYPES	QP_LOOKUPS
	ORD	Order Date
	SHIP	Requested Ship Date
ACTIVE_DATE_SECOND_TYPE	EFFECTIVE_DATE_TYPES	QP_LOOKUPS
	ORD	Order Date
	SHIP	Requested Ship Date
ACTIVE_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes
ASK_FOR_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes
AUTOMATIC_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes
DISCOUNT_LINES_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes
LIST_TYPE_CODE	LIST_TYPE_CODE	QP_LOOKUPS
	CHARGES	Freight and Special Charges List
	DEL	Deal
	DLT	Discount List
	PML	Price Modifier List
	PRL	Price List
	PRO	Promotion
SLT	Surcharge List	
SOURCE_SYSTEM_CODE	SOURCE_SYSTEM	QP_LOOKUPS
	QP	Oracle Pricing

Column Descriptions

Name	Null?	Type	Description
LIST_HEADER_ID (PK)	NOT NULL	NUMBER	Primary Key of QP_LIST_HEADERS_B. System Generated ID
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	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
REQUEST_ID	NULL	NUMBER	Standard Who column
LIST_TYPE_CODE	NOT NULL	VARCHAR2(30)	This stores the type of modifier list, for example price list, discount list or promotion. Based on Lookup Type LIST_TYPE_CODE.
START_DATE_ACTIVE	NULL	DATE	This is the start date of the effective period for the modifier list
END_DATE_ACTIVE	NULL	DATE	This is the end date of the effective period for the modifier list
AUTOMATIC_FLAG	NULL	VARCHAR2(1)	The flag is used as a defaulting mechanism ONLY, the value is defaulted to the Automatic Flag on QP_LIST_LINES when a new line record is created. The column is NOT referenced by the pricing engine.
CURRENCY_CODE	NULL	VARCHAR2(30)	The currency of the list.
ROUNDING_FACTOR	NULL	NUMBER	Decimal position where rounding occurs, e.g. a rounding factor of -2 would mean that 100.256 will be rounded to 100.26
SHIP_METHOD_CODE	NULL	VARCHAR2(30)	Freight carrier on price list. Used for defaulting purposes in Order Management.
FREIGHT_TERMS_CODE	NULL	VARCHAR2(30)	Freight Terms for price list. Used for defaulting purposes in Order Management.
TERMS_ID	NULL	NUMBER	Payment Terms on price list. Used for defaulting purposes in Order Management.
COMMENTS	NULL	VARCHAR2(2000)	Used to record additional descriptive text for a price list or modifier list.
DISCOUNT_LINES_FLAG	NULL	VARCHAR2(1)	This column is used for backward compatibility. Indicates whether there are discount lines for the list.
GSA_INDICATOR	NULL	VARCHAR2(1)	Used to indicate that the list is a GSA list. This is only applicable for discount lists.
PRORATE_FLAG	NULL	VARCHAR2(30)	Reserved for future use.
SOURCE_SYSTEM_CODE	NULL	VARCHAR2(30)	Source system which created this record, based on Lookup Type 'SOURCE_SYSTEM'.
ASK_FOR_FLAG	NULL	VARCHAR2(1)	Indicates whether the user must ask for the "List", e.g. quote a promotion number, to get the benefits on the list. The pricing engine ignores any lists where 'Ask For = Y' if they have not been quoted on the pricing request.

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACTIVE_FLAG	NULL	VARCHAR2(1)	Indicates if the list is active or not. The pricing engine ignores lists which are "inactive", i.e Active_Flag = "N - No"
PARENT_LIST_HEADER_ID	NULL	NUMBER	If the List Type is "Deal", this field can be used to reference any "parent" promotion. Note: This is only used for reporting purposes, the pricing engine does not consider this relationship when deciding which lists are eligible to be applied to the request.
ACTIVE_DATE_FIRST_TYPE	NULL	VARCHAR2(30)	The type of date used in the "first" active date range. This is optional for a deal or promotion list type. Based on Lookup Type 'Effective Date Types'.
START_DATE_ACTIVE_FIRST	NULL	DATE	Start Date of the first effective date range.
END_DATE_ACTIVE_FIRST	NULL	DATE	End Date of the first effective date range.
ACTIVE_DATE_SECOND_TYPE	NULL	VARCHAR2(30)	The type of date used in the "second" active date range. This is optional for a deal or promotion list type. Based on Lookup Type 'Effective Date Types'.
START_DATE_ACTIVE_SECOND	NULL	DATE	Start Date of the second effective date range.
END_DATE_ACTIVE_SECOND	NULL	DATE	End Date of the second effective date range.
CONTEXT	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_LIST_HEADERS_B_N1	NOT UNIQUE	5	SOURCE_SYSTEM_CODE
		10	ACTIVE_FLAG
		15	CURRENCY_CODE
		20	LIST_TYPE_CODE
QP_LIST_HEADERS_B_PK	UNIQUE	5	LIST_HEADER_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
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QP_LIST_HEADERS_B_S	LIST_HEADER_ID
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QP_LIST_HEADERS_TL

QP_LIST_HEADERS_TL stores the translatable columns, name and description of the list, in each of the available languages in the database.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QP_LIST_HEADERS_B	LIST_HEADER_ID	LIST_HEADER_ID

Column Descriptions

Name	Null?	Type	Description
LIST_HEADER_ID	NOT NULL	NUMBER	References primary key of QP_LIST_HEADERS_B
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
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who Column
LANGUAGE	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	The 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.
NAME	NOT NULL	VARCHAR2(240)	Price List name or Modifier List number.
DESCRIPTION	NULL	VARCHAR2(2000)	Price List Description or Modifier List Name.
VERSION_NO	NULL	VARCHAR2(30)	List version number. This is user-defined for List Types of Promotion or Deal.

Indexes

Index Name	Index Type	Sequence	Column Name
QP_LIST_HEADERS_TL_PK	UNIQUE	5	LIST_HEADER_ID
		10	LANGUAGE
QP_LIST_HEADERS_TL_U1	UNIQUE	5	NAME
		21	VERSION_NO
		26	LANGUAGE

QP_LIST_LINES

QP_LIST_LINES stores all list lines for lists in QP_LIST_HEADERS_B. This table stores all types of list lines; price list lines, all types of modifiers including price modifier list lines used to derive factors. The different types of list lines are based on Lookup Type, 'LIST_LINE_TYPE_CODE'.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_RELATED_ITEMS	INVENTORY_ITEM_ID ORGANIZATION_ID RELATED_ITEM_ID RELATIONSHIP_TYPE_ID	INVENTORY_ITEM_ID ORGANIZATION_ID RELATED_ITEM_ID RELATIONSHIP_TYPE_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	BENEFIT_UOM_CODE
QP_LIST_HEADERS_B	LIST_HEADER_ID	LIST_HEADER_ID
QP_LIST_LINES	LIST_LINE_ID	BENEFIT_PRICE_LIST_LINE_ID
QP_PRICE_FORMULAS_B	PRICE_FORMULA_ID	PRICE_BY_FORMULA_ID
QP_PRICE_FORMULAS_B	PRICE_FORMULA_ID	GENERATE_USING_FORMULA_ID
QP_PRICING_PHASES	PRICING_PHASE_ID	PRICING_PHASE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCRUAL_FLAG	YES / NO N Y	FND_LOOKUPS No Yes
ARITHMETIC_OPERATOR	ARITHMETIC_OPERATOR % AMT LUMPSUM NEWPRICE PERCENT_PRICE UNIT_PRICE	QP_LOOKUPS Percent Amount Lumpsum New Price Percent Price Unit Price
AUTOMATIC_FLAG	YES / NO N Y	FND_LOOKUPS No Yes
CHARGE_SUBTYPE_CODE	MISCELLANEOUS PENALTY RESTOCKING RETURN	QP_LOOKUPS Charge for late payment Restocking Fee Return Fee
CHARGE_TYPE_CODE	FREIGHT_CHARGES_TYPE MISCELLANEOUS	QP_LOOKUPS Miscellaneous Charges
INCLUDE_ON_RETURNS_FLAG	YES / NO N Y	FND_LOOKUPS No Yes
INCOMPATIBILITY_GRP_CODE	INCOMPATIBILITY_GROUPS EXCL LVL1 LVL2 LVL3	QP_LOOKUPS Exclusive Group Level 1 Incompatibility Level 2 Incompatibility Level 3 Incompatibility
LIST_LINE_TYPE_CODE	LIST_LINE_TYPE_CODE CIE	QP_LOOKUPS Coupon Issue

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	DIS	Discount
	FREIGHT_CHARGE	Freight / Special Charge
	IUE	Item Upgrade
	OID	Other Item Discount
	PBH	Price Break Header
	PLL	Price List Line
	PMR	Price Modifier
	PRG	Promotional Goods
	SUR	Surcharge
	TSN	Terms Substitution
MODIFIER_LEVEL_CODE	MODIFIER_LEVEL_CODE	QP_LOOKUPS
	LINE	Line
	LINEGROUP	Group of Lines
	ORDER	Order
OVERRIDE_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes
PRICE_BREAK_TYPE_CODE	PRICE_BREAK_TYPE_CODE	QP_LOOKUPS
	POINT	Point
	RANGE	Range
	RECURRING	Recurring
PRICING_GROUP_SEQUENCE	PRICING_GROUP_SEQUENCE	QP_LOOKUPS
	0	Base Price
	1	Pricing Adjustments Bucket 1
	2	Pricing Adjustments Bucket 2
	3	Pricing Adjustments Bucket 3
PRIMARY_UOM_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes
RECURRING_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes
REPRICE_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
LIST_LINE_ID (PK)	NOT NULL	NUMBER	Identifies the list line. System Generated ID
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
LAST_UPDATE_LOGIN	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
REQUEST_ID	NULL	NUMBER	Standard Who column
LIST_HEADER_ID	NOT NULL	NUMBER	Identifies the List header.

Column Descriptions (Continued)

Name	Null?	Type	Description
LIST_LINE_TYPE_CODE	NOT NULL	VARCHAR2(30)	Type of list line based on lookup type LIST_LINE_TYPE_CODE.
START_DATE_ACTIVE	NULL	DATE	Date the list line becomes effective
END_DATE_ACTIVE	NULL	DATE	Date the list line becomes ineffective.
AUTOMATIC_FLAG	NOT NULL	VARCHAR2(1)	This indicates whether the modifier should be automatically or manually applied to the transaction.
MODIFIER_LEVEL_CODE	NOT NULL	VARCHAR2(30)	This indicates at what level, e.g. transaction line or header, a list line qualifies and can be applied to the transaction. Based on lookup type 'MODIFIER_LEVEL_CODE'
PRICE_BY_FORMULA_ID	NULL	NUMBER	Identifier of Formula used to dynamically calculate the 'value' at the time of pricing. Mutually exclusive with Generate_Using_Formula_id
LIST_PRICE	NULL	NUMBER	Standard Selling Price or Unit Price.
LIST_PRICE_UOM_CODE	NULL	VARCHAR2(3)	No longer used.
PRIMARY_UOM_FLAG	NULL	VARCHAR2(1)	Used to indicate which is the primary unit of measure (UOM) for a product on a price list. If a price cannot be found for a product in the UOM passed from the transaction application, the pricing engine will convert the transaction quantity to the primary UOM specified. This UOM then becomes the pricing UOM in which all discounts must also be specified.
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier in an item relationship - used for list line type Item Upgrade.
ORGANIZATION_ID	NULL	NUMBER	Organization identifier in an item relationship - used for list line type Item Upgrade.
RELATED_ITEM_ID	NULL	NUMBER	Related inventory item identifier in an item relationship - used for list line type Item Upgrade.
RELATIONSHIP_TYPE_ID	NULL	NUMBER	Relationship type identifier in an item relationship - used for list line type Item Upgrade.
SUBSTITUTION_CONTEXT	NULL	VARCHAR2(30)	The context of the substitution attribute - must always be TERMS. Used for modifiers of type Term Substitution.
SUBSTITUTION_ATTRIBUTE	NULL	VARCHAR2(30)	Identifies the attribute in the TERMS context that will be substituted, e.g. QUALIFIER_ATTRIBUTE1 - Payment Terms. Used for modifiers of type Term Substitution.

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Column Descriptions (Continued)

Name	Null?	Type	Description
SUBSTITUTION_VALUE	NULL	VARCHAR2(240)	The value of the substitution attribute that will be substituted on the pricing request line, e.g. value '2% 30/net 60' for the Payment Terms attribute. Used for modifiers of type Term Substitution.
REVISION	NULL	VARCHAR2(50)	Revision reference for pricing agreement lines.
REVISION_DATE	NULL	DATE	Date on which this revision was created or updated. Used on pricing agreement lines.
REVISION_REASON_CODE	NULL	VARCHAR2(30)	Reason for creating/changing the revision. Used on pricing agreement lines.
PRICE_BREAK_TYPE_CODE	NULL	VARCHAR2(30)	Type of price break. Based on lookup type PRICE_BREAK_TYPE_CODE. Used for modifiers of type Price Break Header or any single line product modifier with a qualifying condition containing an attribute in the VOLUME context.
PERCENT_PRICE	NULL	NUMBER	Price is calculated as a percentage of the price of another item.
NUMBER_EFFECTIVE_PERIODS	NULL	NUMBER	Reserved for future use.
EFFECTIVE_PERIOD_UOM	NULL	VARCHAR2(3)	Reserved for future use.
ARITHMETIC_OPERATOR	NULL	VARCHAR2(30)	Indicates the method of calculating a price or modifier value. Based on Lookup Type ARITHMETIC_OPERATOR.
OPERAND	NULL	NUMBER	The numeric value of the price or modifier, used in conjunction with the ARITHMETIC_OPERATOR to determine the pricing method or method of price adjustment, charge calculation etc..
OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicates whether a modifier value can be overridden at the time of pricing a transaction.
PRINT_ON_INVOICE_FLAG	NULL	VARCHAR2(1)	Reserved for future use.
REBATE_TRANSACTION_TYPE_CODE	NULL	VARCHAR2(30)	Reserved for future use.
BASE_QTY	NULL	NUMBER	No longer used.
BASE_UOM_CODE	NULL	VARCHAR2(3)	No longer used.
ACCRUAL_QTY	NULL	NUMBER	No longer used.
ACCRUAL_UOM_CODE	NULL	VARCHAR2(3)	No longer used.
ESTIM_ACCRUAL_RATE	NULL	NUMBER	Used to indicate the percentage rate at which to accrue (defaults to 100%) or in the case of a coupon the expected rate of redemption of the coupon. Liability would be the accrual or coupon value * ESTIM_ACCRUAL_RATE.
COMMENTS	NULL	VARCHAR2(2000)	Additional descriptive text used on Agreement Lines.
GENERATE_USING_FORMULA_ID	NULL	NUMBER	Formula identifier used to calculate the list price based on the attributes of a price list line.

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Column Descriptions (Continued)

Name	Null?	Type	Description
REPRICE_FLAG	NULL	VARCHAR2(1)	Used to figure out which price list lines should be repriced while running the update rules prices concurrent program. Used only with price list lines which have formula.
LIST_LINE_NO	NULL	VARCHAR2(30)	Modifier Number. In the case of Ask For modifiers, this reference must be quoted on the pricing transaction in order to receive the modifier benefit.
ESTIM_GL_VALUE	NULL	NUMBER	The discount or surcharge value of the modifier. Used to estimate the discount cost for non-monetary modifiers.
BENEFIT_PRICE_LIST_LINE_ID	NULL	NUMBER	The price list line identifier for modifiers of type 'Promotional Goods'. Used to derive the list price for the promotional goods before discount.
EXPIRATION_PERIOD_START_DATE	NULL	DATE	Used for modifiers of type 'Coupon Issue' to indicate the date that the coupon is effective from.
NUMBER_EXPIRATION_PERIODS	NULL	NUMBER	Used, as alternative to setting the EXPIRATION_DATE, to calculate the expiration date for accruals and coupons. The number of periods, of type EXPIRATION_PERIOD_UOM, in which the accrual or coupon expires.
EXPIRATION_PERIOD_UOM	NULL	VARCHAR2(3)	Used, as alternative to setting the EXPIRATION_DATE, to calculate the expiration date for accruals and coupons. The type of Expiration period, e.g. 'week'.
EXPIRATION_DATE	NULL	DATE	The expiration date of the accrual or coupon.
ACCRUAL_FLAG	NULL	VARCHAR2(1)	Indicates whether the discount is an accrual or not, i.e whether it should be applied retrospectively.
PRICING_PHASE_ID	NULL	NUMBER	Pricing Phase identifier.
PRICING_GROUP_SEQUENCE	NULL	NUMBER	The pricing group sequence or pricing bucket for the modifier, based on lookup type PRICING_GROUP_SEQUENCE.
INCOMPATIBILITY_GRP_CODE	NULL	VARCHAR2(30)	References the Incompatibility Group that the modifier is assigned to, based on lookup type INCOMPATIBILITY_GROUPS.
PRODUCT_PRECEDENCE	NULL	NUMBER	The precedence number, or selectivity, of the modifier in the item context in the Pricing Attribute Descriptive Flexfield. Used by the pricing engine for incompatibility resolution.
PRORATION_TYPE_CODE	NULL	VARCHAR2(30)	Reserved for future use.
ACCRUAL_CONVERSION_RATE	NULL	NUMBER	The rate at which a non-monetary accrual is converted to a monetary value

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Column Descriptions (Continued)

Name	Null?	Type	Description
BENEFIT_QTY	NULL	NUMBER	The accrual quantity for non-monetary accruals, or item quantity for promotional goods.
BENEFIT_UOM_CODE	NULL	VARCHAR2(3)	The accrual unit of measure for non-monetary accruals, or item unit of measure for promotional goods.
RECURRING_FLAG	NULL	VARCHAR2(1)	Not used.
BENEFIT_LIMIT	NULL	NUMBER	Reserved for future use.
CHARGE_TYPE_CODE	NULL	VARCHAR2(30)	Used for modifiers of type Freight/Special Charge to indicate the type of charge, based on lookup type FREIGHT_CHARGES_TYPE.
CHARGE_SUBTYPE_CODE	NULL	VARCHAR2(30)	Used to indicate the type of charge within the CHARGE_TYPE_CODE categorisation, based on lookups of the same name as lookup codes within the CHARGE_TYPE_CODE lookup type, e.g. MISCELLANEOUS.
INCLUDE_ON_RETURNS_FLAG	NULL	VARCHAR2(1)	Applicable to modifiers of type Freight/Special Charge to indicate whether the charge should be included on a return transaction. Not used by pricing engine, for transaction system use only.
QUALIFICATION_IND	NULL	NUMBER	Used to enhance the performance of the pricing engine. Indicates the setup of the data to allow the pricing engine to choose a highly selective search path.
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_LIST_LINES_N1	NOT UNIQUE	5	LIST_HEADER_ID
QP_LIST_LINES_N2	NOT UNIQUE	5	QUALIFICATION_IND
		10	PRICING_PHASE_ID
		15	LIST_LINE_TYPE_CODE
		20	LIST_HEADER_ID

Indexes (Continued)

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
QP_LIST_LINES_N3	NOT UNIQUE	5 10 15	QUALIFICATION_IND LIST_LINE_TYPE_CODE MODIFIER_LEVEL_CODE
QP_LIST_LINES_PK	UNIQUE	5	LIST_LINE_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
QP_LIST_LINES_S	LIST_LINE_ID

QP_LOOKUPS

Oracle Pricing lookup codes

View Definition

```
CREATE VIEW QP_LOOKUPS
as SELECT
    LOOKUP_TYPE,
    LOOKUP_CODE,
    MEANING,
    DESCRIPTION,
    ENABLED_FLAG,
    START_DATE_ACTIVE,
    END_DATE_ACTIVE
from FND_LOOKUP_VALUES LV
Where LANGUAGE = userenv('LANG')
and VIEW_APPLICATION_ID = 661
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)	Refer to base table.
LOOKUP_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
MEANING	NOT NULL	VARCHAR2(80)	Refer to base table.
DESCRIPTION	NULL	VARCHAR2(240)	Refer to base table.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Refer to base table.
START_DATE_ACTIVE	NULL	DATE	Refer to base table.
END_DATE_ACTIVE	NULL	DATE	Refer to base table.

QP_PRICE_FORMULAS_B

QP_PRICE_FORMULAS_B stores the pricing formula header information. Pricing Formulas can be used to calculate a price or modifier value dynamically at the time of pricing, or can be used to automatically generate prices on a price list. The FORMULA column contains the equation for each rule.

Column Descriptions

Name	Null?	Type	Description
PRICE_FORMULA_ID (PK)	NOT NULL	NUMBER	Pricing Formula identifier. This is a system generated ID.
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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
FORMULA	NOT NULL	VARCHAR2(240)	Stores the mathematical formula for a rule.
START_DATE_ACTIVE	NULL	DATE	The date this record becomes active.
END_DATE_ACTIVE	NULL	DATE	The date this record becomes inactive.
CONTEXT	NULL	VARCHAR2(30)	Descriptive flexfield structure defining columns.
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_PRICE_FORMULAS_B_PK	UNIQUE	5	PRICE_FORMULA_ID

Sequences

Sequence	Derived Column
QP_PRICE_FORMULAS_B_S	PRICE_FORMULA_ID

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QP_PRICE_FORMULAS_TL

This table stores the translatable columns, name & description of the pricing formulas, in each of the available languages in the database.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QP_PRICE_FORMULAS_B	PRICE_FORMULA_ID	PRICE_FORMULA_ID

Column Descriptions

Name	Null?	Type	Description
PRICE_FORMULA_ID	NOT NULL	NUMBER	References primary key of QP_PRICE_FORMULAS_B
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
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
LANGUAGE	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	The 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.
NAME	NOT NULL	VARCHAR2(240)	Name of the pricing formula
DESCRIPTION	NULL	VARCHAR2(2000)	Description of the pricing formula

Indexes

Index Name	Index Type	Sequence	Column Name
QP_PRICE_FORMULAS_TL_PK	UNIQUE	5	PRICE_FORMULA_ID
		10	LANGUAGE

QP_PRICE_FORMULA_LINES

QP_PRICE_FORMULA_LINES stores each component that makes up the formula. Each line in the formula represents a step in the formula equation. There are many different types of formula lines; based on other list prices, pricing attributes, factors, a numeric constant or a customizable function.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QP_LIST_HEADERS_B	LIST_HEADER_ID	PRICE_MODIFIER_LIST_ID
QP_LIST_LINES	LIST_LINE_ID	PRICE_LIST_LINE_ID
QP_PRICE_FORMULAS_B	PRICE_FORMULA_ID	PRICE_FORMULA_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PRICE_FORMULA_LINE_TYPE_CODE	PRICE_FORMULA_LINE_TYPE_CODE	QP_LOOKUPS
	FUNC	Function
	LP	List Price
	ML	Factor List
	NUM	Numeric Constant
	PLL	Price List Line
	PRA	Pricing Attribute

Column Descriptions

Name	Null?	Type	Description
PRICE_FORMULA_LINE_ID (PK)	NOT NULL	NUMBER	Price Formula Line identifier. This is a system generated ID.
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.
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column.
PRICE_FORMULA_ID	NOT NULL	NUMBER	Identifies the pricing formula header
PRICE_FORMULA_LINE_TYPE_CODE	NULL	VARCHAR2(30)	Identifies the type of formula line, based on lookup type PRICE_FORMULA_LINE_TYPE_CODE.
START_DATE_ACTIVE	NULL	DATE	The date this record becomes active.
END_DATE_ACTIVE	NULL	DATE	The date this record becomes inactive.
PRICE_LIST_LINE_ID	NULL	NUMBER	Price List Line identifier, used for fomula lines of type Price List Line.
PRICE_MODIFIER_LIST_ID	NULL	NUMBER	Identifies the Price Modifier list, used for formula line types of Factor List.
PRICING_ATTRIBUTE_CONTEXT	NULL	VARCHAR2(30)	Identifies the context of a pricing attribute in the Pricing Attribute Descriptive Flexfield, used for formula lines of type Pricing Attribute.

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Column Descriptions (Continued)

Name	Null?	Type	Description
PRICING_ATTRIBUTE	NULL	VARCHAR2(30)	Identifies the pricing attribute in the Pricing Attribute Descriptive Flexfield, used for formula lines of type Pricing Attribute.
NUMERIC_CONSTANT	NULL	NUMBER	Value for the numeric constant, used for formula line types of Numeric Constant.
STEP_NUMBER	NOT NULL	NUMBER	The sequence number of the formula line, referenced in the formula equation on the formula header.
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column.
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_PRICE_FORMULA_LINES_PK	NOT UNIQUE	5	PRICE_FORMULA_LINE_ID
QP_PRICE_FORMULA_LINES_U1	UNIQUE	5 10	PRICE_FORMULA_ID STEP_NUMBER

Sequences

Sequence	Derived Column
QP_PRICE_FORMULA_LINES_S	PRICE_FORMULA_LINE_ID

QP_PRICE_REQ_SOURCES

QP_PRICE_REQ_SOURCES stores the mapping between Pricing Request Types and Source Systems. The pricing engine uses the request type to source system mapping you define to determine the source or sources of pricing data that should be used to price a particular type of transaction. The request type is used to identify the type of transaction being priced, e.g. a contract. The source system is recorded on all price and modifier lists and is used to identify which application created this pricing data, e.g. iMarketing.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REQUEST_TYPE_CODE	REQUEST_TYPE ONT	QP_LOOKUPS Order Management Order
SEEDED_FLAG	YES / NO N Y	FND_LOOKUPS No Yes
SOURCE_SYSTEM_CODE	SOURCE_SYSTEM QP	QP_LOOKUPS Oracle Pricing

Column Descriptions

Name	Null?	Type	Description
REQUEST_TYPE_CODE	NOT NULL	VARCHAR2(30)	The type of request or transaction being priced, based on lookup type REQUEST_TYPE.
SOURCE_SYSTEM_CODE	NOT NULL	VARCHAR2(30)	The source system of the pricing data to be used to price the request type, based on lookup type SOURCE_SYSTEM.
SEEDED_FLAG	NULL	VARCHAR2(1)	Indicates if the record was created as seed data.
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.
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column.
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
QP_PRICE_REQ_SOURCES_PK	UNIQUE	5	REQUEST_TYPE_CODE
		10	SOURCE_SYSTEM_CODE

QP_PRICING_ATTRIBUTES

QP_PRICING_ATTRIBUTES stores product information and pricing attributes. The PRODUCT_ATTRIBUTE and PRODUCT_ATTRIBUTE_VALUE columns identify the product or level in the item hierarchy, i.e item context at which the price or modifier is set. The PRICING_ATTRIBUTE_CONTEXT, PRICING_ATTRIBUTE and PRICING_ATTR_VALUE_FROM columns store the pricing attributes which further define what is being priced. If the PRICING_ATTRIBUTE_CONTEXT is VOLUME the pricing attributes column stores the break unit attribute, e.g. item quantity and both the PRICING_ATTR_VALUE_FROM and PRICING_ATTR_VALUE_TO columns can be populated. The Product information is repeated for all pricing attributes. A record is always created for the VOLUME context which may or may not have an attribute defined.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRODUCT_UOM_CODE
QP_LIST_LINES	LIST_LINE_ID	LIST_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCUMULATE_FLAG	YES / NO N Y	FND_LOOKUPS No Yes
COMPARISON_OPERATOR_CODE	COMPARISON_OPERATOR = BETWEEN NOT =	QP_LOOKUPS = Between Not =
EXCLUDER_FLAG	YES / NO N Y	FND_LOOKUPS No Yes

Column Descriptions

Name	Null?	Type	Description
PRICING_ATTRIBUTE_ID (PK)	NOT NULL	NUMBER	Pricing Attribute identifier.
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
LAST_UPDATE_LOGIN	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
REQUEST_ID	NULL	NUMBER	Standard Who Column
LIST_LINE_ID	NOT NULL	NUMBER	Identifies the List Line in QP_LIST_LINES.

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXCLUDER_FLAG	NOT NULL	VARCHAR2(1)	This is used to exclude a product from a price or modifier which is defined at a higher level in the product hierarchy, i.e a higher segment than the INVENTORY_ITEM_ID attribute in the ITEM context in the Pricing Attribute Descriptive Flexfield.
ACCUMULATE_FLAG	NULL	VARCHAR2(1)	Not used.
PRODUCT_ATTRIBUTE_CONTEXT	NULL	VARCHAR2(30)	The context of the product or segment in the item hierarchy, always ITEM.
PRODUCT_ATTRIBUTE	NULL	VARCHAR2(30)	The attribute in the ITEM context in the Pricing Attribute Descriptive Flexfield for which the price or modifier is defined.
PRODUCT_ATTR_VALUE	NULL	VARCHAR2(240)	The value for the attribute in the ITEM context, identifies the actual item, product group etc. for which the price or modifier is defined.
PRODUCT_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure of the item, product group etc. for which the price or modifier is defined.
PRICING_ATTRIBUTE_CONTEXT	NULL	VARCHAR2(30)	Context in the Pricing Attribute Descriptive Flexfield
PRICING_ATTRIBUTE	NULL	VARCHAR2(30)	The attribute column in the Pricing Attribute Descriptive Flexfield
PRICING_ATTR_VALUE_FROM	NULL	VARCHAR2(240)	The value for the PRICING_ATTRIBUTE. Maybe the low value in a price break range if the PRICING_ATTRIBUTE_CONTEXT is VOLUME.
PRICING_ATTR_VALUE_TO	NULL	VARCHAR2(240)	The high value for the PRICING_ATTRIBUTE in a price break range if the PRICING_ATTRIBUTE_CONTEXT is VOLUME.
ATTRIBUTE_GROUPING_NO	NOT NULL	NUMBER	Groups multiple pricing attributes together.
PRODUCT_ATTRIBUTE_DATATYPE	NULL	VARCHAR2(30)	Identifies the datatype of the PRODUCT_ATTRIBUTE_VALUE.
PRICING_ATTRIBUTE_DATATYPE	NULL	VARCHAR2(30)	Identifies the datatype of the PRODUCT_ATTRIBUTE_VALUE_FROM and PRODUCT_ATTRIBUTE_VALUE_TO
COMPARISON_OPERATOR_CODE	NULL	VARCHAR2(30)	The operator code used to define how the pricing engine should evaluate the pricing attributes, based on lookup type COMPARISON_OPERATOR.
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_PRICING_ATTRIBUTES_N1	NOT UNIQUE	5	PRODUCT_ATTRIBUTE_CONTEXT
		10	PRODUCT_ATTRIBUTE
		15	PRODUCT_ATTR_VALUE
		20	PRODUCT_UOM_CODE
		25	PRICING_ATTRIBUTE_CONTEXT
		30	PRICING_ATTRIBUTE
		35	PRICING_ATTR_VALUE_FROM
QP_PRICING_ATTRIBUTES_N2	NOT UNIQUE	5	LIST_LINE_ID
QP_PRICING_ATTRIBUTES_N3	NOT UNIQUE	1	LIST_LINE_ID
		2	PRODUCT_ATTRIBUTE_CONTEXT
		3	PRODUCT_ATTRIBUTE
		4	PRODUCT_ATTR_VALUE
		5	PRODUCT_UOM_CODE
QP_PRICING_ATTRIBUTES_PK	UNIQUE	5	PRICING_ATTRIBUTE_ID

Sequences

Sequence	Derived Column
QP_PRICING_ATTRIBUTES_S	PRICING_ATTRIBUTE_ID
QP_PRICING_ATTR_GROUP_NO_S	ATTRIBUTE_GROUPING_NO

QP_PRICING_PHASES

QP_PRICING_PHASES stores all pricing phases. A pricing phase controls what modifiers are considered by the search engine and in what sequence they should be applied to the request. The attributes of a pricing phase allow you to control which modifiers can be placed in a phase. A Modifier can only be assigned to one Phase. All Price Lists Lines are automatically placed in the seeded Phase 0 – List Line Base Price and cannot be assigned to any other Phase.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FREEZE_OVERRIDE_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes
INCOMPAT_RESOLVE_CODE	INCOMPAT_RESOLVE_CODE	QP_LOOKUPS
	BEST_PRICE	Best Price
	PRECEDENCE	Precedence
LIST_LINE_TYPE_CODE	LIST_LINE_TYPE_CODE	QP_LOOKUPS
	CIE	Coupon Issue
	DIS	Discount
	FREIGHT_CHARGE	Freight / Special Charge
	IUE	Item Upgrade
	OID	Other Item Discount
	PBH	Price Break Header
	PLL	Price List Line
	PMR	Price Modifier
	PRG	Promotional Goods
	SUR	Surcharge
LIST_TYPE_CODE	TSN	Terms Substitution
	LIST_TYPE_CODE	QP_LOOKUPS
	CHARGES	Freight and Special Charges List
	DEL	Deal
	DLT	Discount List
	PML	Price Modifier List
	PRL	Price List
	PRO	Promotion
	SLT	Surcharge List
MODIFIER_LEVEL_CODE	MODIFIER_LEVEL_CODE	QP_LOOKUPS
	LINE	Line
	LINEGROUP	Group of Lines
	ORDER	Order
SEEDDED_FLAG	YES / NO	FND_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
PRICING_PHASE_ID (PK)	NOT NULL	NUMBER	Identifies the Pricing Phase. System Generated Identifier.

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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_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
PHASE_SEQUENCE	NOT NULL	NUMBER	This number is used by the pricing engine to determine the order of execution of the phases when there are multiple phases in an event.
NAME	NOT NULL	VARCHAR2(240)	Name of the pricing phase
MODIFIER_LEVEL_CODE	NULL	VARCHAR2(30)	The level of qualification and application of a modifier. Used to restrict the modifiers in a phase to modifiers of a particular modifier level. Based on lookup type MODIFIER_LEVEL_CODE.
LIST_TYPE_CODE	NULL	VARCHAR2(30)	This stores the type of modifier list. Used to restrict the modifiers in a phase to modifiers belonging to a list of a particular type. Based on lookup type LIST_TYPE_CODE.
LIST_LINE_TYPE_CODE	NULL	VARCHAR2(30)	This stores the type of modifier. Used to restrict the modifiers in a phase to modifiers of a particular type. Based on lookup type LIST_LINE_TYPE_CODE.
INCOMPAT_RESOLVE_CODE	NULL	VARCHAR2(30)	This is the method which will be used for this pricing phase to determine which modifier should be selected when multiple modifiers in the same exclusivity or incompatibility group are eligible to be applied to the same pricing request line. Based on Lookup Type INCOMPAT_RESOLVE_CODE.
SEEDED_FLAG	NULL	VARCHAR2(1)	Indicates if the record was created as seed data.
FREEZE_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Used to provide additional control over freezing lines on a transaction. If the Calculate Price flag on the request line is set to P, the pricing engine looks at this flag. If it is Y then the pricing engine will apply eligible modifiers in this phase to the request line, if not then modifiers in this phase will not be considered for application to the request line.
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
QP_PRICING_PHASES_U1	UNIQUE	5	PRICING_PHASE_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
QP_PRICING_PHASES_S	PRICING_PHASE_ID

QP_QUALIFIERS

QP_QUALIFIERS stores qualifier attribute information. Qualifiers are attributes in the Qualifier Descriptive Flexfield which allow the user to specify the rules which determine whether a price or modifier is applied to a pricing request. Qualifiers maybe grouped into predefined, re-usable Qualifier Rules, grouped by QP_QUALIFIER_RULES, or maybe associated with list headers, QP_LIST_HEADERS_B or list lines, QP_LIST_LINES.

The AND , OR relationship between qualifiers is defined using the QUALIFIER_GROUPING_NO, i.e. qualifiers which have an AND relationship have the same grouping number, an OR relationship is defined by assigning a different grouping number.

Complex or commonly used qualifier rules can be pre-defined (i.e. grouped into rules by QP_QUALIFIER_RULES) and then repeatedly copied for use on list headers and list lines. Note: once assigned to a list header or list line, although an audit trail is kept as to which rule the qualifiers were copied from (using column CREATED_FROM_RULE_ID), any changes made to the original rule are not reflected in any rules which have been created from it.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QP_LIST_HEADERS_B	LIST_HEADER_ID	LIST_HEADER_ID
QP_LIST_LINES	LIST_LINE_ID	LIST_LINE_ID
QP_QUALIFIER_RULES	QUALIFIER_RULE_ID	QUALIFIER_RULE_ID
QP_QUALIFIER_RULES	QUALIFIER_RULE_ID	CREATED_FROM_RULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COMPARISON_OPERATOR_CODE	COMPARISON_OPERATOR = BETWEEN NOT =	QP_LOOKUPS = Between Not =
EXCLUDER_FLAG	YES / NO N Y	FND_LOOKUPS No Yes

Column Descriptions

Name	Null?	Type	Description
QUALIFIER_ID (PK)	NOT NULL	NUMBER	Identifies the Qualifier. System generated identifier.
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
QUALIFIER_GROUPING_NO	NULL	NUMBER	Used to group qualifiers together to create AND / OR relationships.
QUALIFIER_CONTEXT	NOT NULL	VARCHAR2(30)	Context in the Qualifier descriptive flexfield
QUALIFIER_ATTRIBUTE	NOT NULL	VARCHAR2(30)	The attribute in the Qualifier Descriptive Flexfield
QUALIFIER_ATTR_VALUE	NULL	VARCHAR2(240)	The value for the QUALIFIER_ATTRIBUTE. Maybe the low value in a range if the COMPARISON_OPERATOR_CODE is BETWEEN.
QUALIFIER_ATTR_VALUE_TO	NULL	VARCHAR2(240)	The high value for the QUALIFIER_ATTRIBUTE if the COMPARISON_OPERATOR_CODE is BETWEEN.
QUALIFIER_DATATYPE	NULL	VARCHAR2(10)	Identifies the datatype of the QUALIFIER_ATTR_VALUE and QUALIFIER_ATTR_VALUE_TO .
QUALIFIER_PRECEDENCE	NULL	NUMBER	The precedence number, or selectivity, of the qualifier attribute in the Qualifier Descriptive Flexfield. Used by the pricing engine for incompatibility resolution.
COMPARISON_OPERATOR_CODE	NOT NULL	VARCHAR2(30)	The relational operator code used to define how the pricing engine should evaluate the qualifier attributes, based on lookup type 'COMPARISON_OPERATOR'.
EXCLUDER_FLAG	NOT NULL	VARCHAR2(1)	Not longer used.
START_DATE_ACTIVE	NULL	DATE	Date the qualifier becomes effective
END_DATE_ACTIVE	NULL	DATE	Date the qualifier becomes ineffective.
LIST_HEADER_ID	NULL	NUMBER	List header identifier.
LIST_LINE_ID	NULL	NUMBER	List Line Identifier.
QUALIFIER_RULE_ID	NULL	NUMBER	Qualifier rule identifier. Groups qualifiers to create re-usable qualifier rules.
CREATED_FROM_RULE_ID	NULL	NUMBER	Qualifier rule identifier. Identifies the rule that a qualifier was copied from - used as an audit trail.
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_QUALIFIERS_N1	NOT UNIQUE	5	LIST_HEADER_ID
QP_QUALIFIERS_N2	NOT UNIQUE	5	LIST_LINE_ID
QP_QUALIFIERS_N3	NOT UNIQUE	5	QUALIFIER_RULE_ID
QP_QUALIFIERS_N4	NOT UNIQUE	5	QUALIFIER_CONTEXT
		10	QUALIFIER_ATTRIBUTE
		15	QUALIFIER_ATTR_VALUE
		20	COMPARISON_OPERATOR_CODE
QP_QUALIFIERS_PK	UNIQUE	5	QUALIFIER_ID

Sequences

Sequence	Derived Column
QP_QUALIFIERS_S	QUALIFIER_ID
QP_QUALIFIER_GROUP_NO_S	QUALIFIER_GROUPING_NO

QP_QUALIFIER_RULES

QP_QUALIFIER_RULES stores the header information for all qualifier rules. Qualifier Rules group multiple qualifiers together to form complex or commonly used rules that can be repeatedly copied and re-used on list header and list lines.

Column Descriptions

Name	Null?	Type	Description
QUALIFIER_RULE_ID (PK)	NOT NULL	NUMBER	Qualifier rule identifier. System Generated identifier.
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
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
NAME	NOT NULL	VARCHAR2(240)	Name of the qualifier rule
DESCRIPTION	NULL	VARCHAR2(2000)	Description of qualifier rule
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_QUALIFIER_RULES_PK	UNIQUE	5	QUALIFIER_RULE_ID

Sequences

Sequence	Derived Column
QP_QUALIFIER_RULES_S	QUALIFIER_RULE_ID

QP_RLTD_MODIFIERS

QP_RLTD_MODIFIERS stores the relationship between modifier lines. There are different types of relationships defined between modifier lines based on lookup type RLTD_MODIFIER_GRP_TYPE :

QUALIFIER : a qualifying group. Groups modifier lines where any conditions defined by the pricing or qualifier attributes must be met before the benefit or charge can be given.

BENEFIT : a benefit group. Groups modifier lines where multiple benefits can be given once the qualifying conditions are met.

PRICE BREAK: defines a price break. Groups price or modifier lines that make up a price break and relates them to the parent record, i.e. modifier of type Price Break Header.

COUPON: relates a coupon issue modifier to the modifier line which defines the coupon benefit.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QP_LIST_LINES	LIST_LINE_ID	FROM_RLTD_MODIFIER_ID
QP_LIST_LINES	LIST_LINE_ID	TO_RLTD_MODIFIER_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
RLTD_MODIFIER_GRP_TYPE	RLTD_MODIFIER_GRP_TYPE	QP_LOOKUPS
	BENEFIT	Benefit
	COUPON	Coupon
	PRICE BREAK	Price Break
	QUALIFIER	Qualifier

Column Descriptions

Name	Null?	Type	Description
RLTD_MODIFIER_ID	NOT NULL	NUMBER	Identifies the modifier relationship.
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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
RLTD_MODIFIER_GRP_NO	NOT NULL	NUMBER	This defines the 'AND' / 'OR' condition in a qualifier or benefit modifier group. The same group number gives an 'AND' condition. A different grouping number gives an 'OR' condition.
FROM_RLTD_MODIFIER_ID	NOT NULL	NUMBER	Identifies the modifier that the relationship is from.

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Column Descriptions (Continued)

Name	Null?	Type	Description
TO_RLTD_MODIFIER_ID	NOT NULL	NUMBER	Identifies the list line that the relationship is to.
RLTD_MODIFIER_GRP_TYPE	NULL	VARCHAR2(30)	The type of relationship, based on lookup type RLTD_MODIFIER_GRP_TYPE.
CONTEXT	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(240)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(240)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QP_RLTD_MODIFIERS_N1	NOT UNIQUE	5	FROM_RLTD_MODIFIER_ID
		7	RLTD_MODIFIER_GRP_TYPE
QP_RLTD_MODIFIERS_N2	NOT UNIQUE	5	TO_RLTD_MODIFIER_ID
QP_RLTD_MODIFIERS_PK	UNIQUE	5	RLTD_MODIFIER_ID

Sequences

Sequence	Derived Column
QP_RLTD_MODIFIERS_S	RLTD_MODIFIER_ID

QP_UPGRADE_ERRORS

QP_UPGRADE_ERRORS holds details of the errors which occurred in upgrading pricing data. The table holds details of the entity or entities, e.g. price list, which failed the upgrade and the reason the error occurred.

Column Descriptions

Name	Null?	Type	Description
ERROR_ID	NULL	NUMBER	Identifies the upgrade error. System generated identifier.
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
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who Column
UPG_SESSION_ID	NULL	NUMBER	Identifies the session in which the error occurred
ID1	NULL	VARCHAR2(30)	The primary key of the entity which failed the upgrade, e.g. price list
ID2	NULL	VARCHAR2(30)	The primary key of the entity which failed the upgrade, e.g. price list
ID3	NULL	VARCHAR2(30)	The primary key of the entity which failed the upgrade, e.g. price list
ID4	NULL	VARCHAR2(30)	The primary key of the entity which failed the upgrade, e.g. price list
ID5	NULL	VARCHAR2(30)	The primary key of the entity which failed the upgrade, e.g. price list
ID6	NULL	VARCHAR2(30)	The primary key of the entity which failed the upgrade, e.g. price list
ID7	NULL	VARCHAR2(30)	The primary key of the entity which failed the upgrade, e.g. price list
ID8	NULL	VARCHAR2(30)	The primary key of the entity which failed the upgrade, e.g. price list
ERROR_TYPE	NULL	VARCHAR2(30)	Type of error which occurred
ERROR_DESC	NULL	VARCHAR2(240)	Standard Oracle error message
ERROR_MODULE	NULL	VARCHAR2(30)	Upgrade package in which error occurred

Indexes

Index Name	Index Type	Sequence	Column Name
QP_UPGRADE_ERRORS_N1	NOT UNIQUE	5	UPG_SESSION_ID

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RA_RULES

This table stores invoicing and accounting rules. You need one row for each accounting rule you define. Oracle Receivables provides two invoicing rules: ADVANCED INVOICE and ARREARS INVOICE. Oracle Receivables uses this information to create invoices and to schedule revenue recognition for invoices imported using AutoInvoice. Oracle Receivables stores revenue recognition schedules in RA_RULE_SCHEDULES.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TYPE	RULE_TYPE	AR_LOOKUPS
	A	Accounting, Fixed Duration
	ACC_DUR	Accounting, Variable Duration
	I	Invoicing

Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER(15)	Revenue recognition rule 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(30)	Revenue recognition rule name
TYPE	NOT NULL	VARCHAR2(10)	Lookup code for 'RULE_TYPE'
STATUS	NOT NULL	VARCHAR2(1)	Rule status flag; lookup code for 'CODE_STATUS'
FREQUENCY	NULL	VARCHAR2(15)	Frequency (daily, weekly, etc.)
OCCURRENCES	NULL	NUMBER	Number of accounting dates to recognize revenue
DESCRIPTION	NULL	VARCHAR2(80)	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

Column Descriptions (Continued)

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

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
RA_RULES_U1	UNIQUE	1	RULE_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
RA_RULES_S	RULE_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
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
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_N4	NOT UNIQUE	5	SALESFORCE_ID

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Indexes (Continued)

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
RA_SALESREPS_U1	UNIQUE	1 11	SALESREP_ID ORG_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
RA_SALESREPS_S	SALESREP_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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