

Oracle® Quality

Technical Reference Manual

Release 11i

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Oracle® Quality Technical Reference Manual

RELEASE 11*i*

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ORACLE®

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Introduction

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

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

About this Manual

This manual describes the Oracle Applications Release 11i data model, as used by Quality; 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 Quality 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 Quality. 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 Quality 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 Quality Technical Reference Manual* provides useful guidance and assistance to:

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

This manual assumes that you have a basic understanding of structured analysis and design, and of relational databases. It also assumes that you are familiar with Oracle Application Object Library and Oracle Quality. 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 Quality uses. This chapter also has a list of modules.

Detailed Design

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

- Convert existing application data
- Integrate your Quality 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 Oracle Quality. Modifying Oracle Quality limits your ability to upgrade to future releases of your Quality application. In addition, it interferes with our ability to give you the high-quality support you deserve.

We have constructed Oracle Quality 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.

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



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

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

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 Oracle Quality. 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 Quality User Guide

Your user guide provides you with all the information you need to use your Release 11i Quality 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 Quality 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 Quality. This manual details additional steps and setup considerations for implementing Quality 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 Quality installation, use this guide to learn about setting up and using Quality 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 Oracle Quality working for you. This team includes your Technical Representative, Account Manager, and Oracle's large staff of consultants and support specialists with expertise in your business

area, managing an Oracle server, and your hardware and software environment.

About Oracle

Oracle Corporation develops and markets an integrated line of software products for database management, applications development, decision support, and office automation, as well as Oracle Applications, an integrated suite of more than 75 software modules for financial management, supply chain management, manufacturing, project systems, human resources, and sales and service management.

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

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

Thank You

Thanks for using Oracle Quality and this technical reference manual!

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Oracle Applications Documentation Manager
Oracle Corporation
500 Oracle Parkway
Redwood Shores, California 94065
U.S.A.

Or, send electronic mail to appsdoc@us.oracle.com.

High-Level Design

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

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 Quality application depends.

Database Diagrams

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

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

Table Lists

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

View Lists

The View List sections list the Quality 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 Quality 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 Quality 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 Quality. Use your user's guide to learn more about reports and concurrent processes.

Summary Database Diagram

This Summary Database Diagram graphically represents the most important Quality applications tables and the relationships between them. It describes, at a conceptual level, the key information on which your Quality application depends.

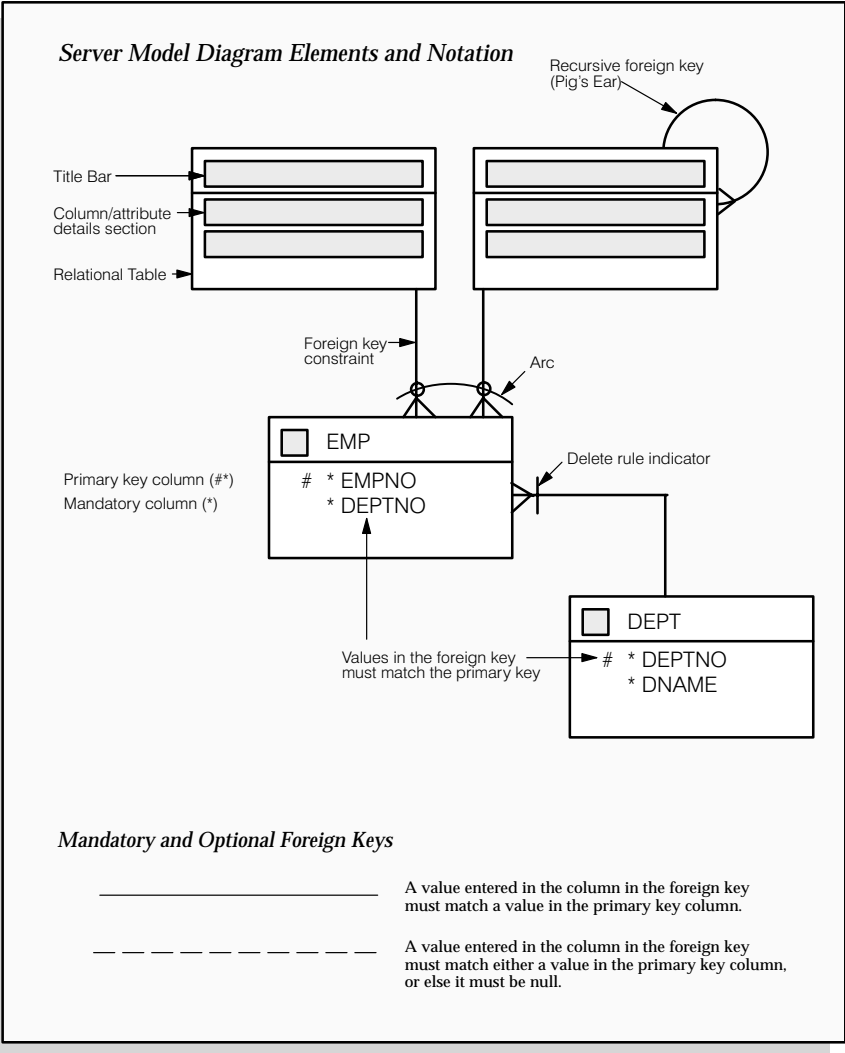
This diagram does not represent the complete database implementation of Quality applications tables. It shows tables that contain key reference and transaction data, and omits tables and relationships that contribute little to the understanding of the Quality applications data model. For example, a foreign key relationship shown between two tables may actually be implemented by an intervening table, not shown in this diagram.

For more detailed graphical representations of Quality applications tables and the relationships between them, see the Database Diagrams section in this chapter.

Database Diagramming Conventions

Figure 2 – 1
Database Diagram
Conventions

We use the following notational conventions in our database diagrams:



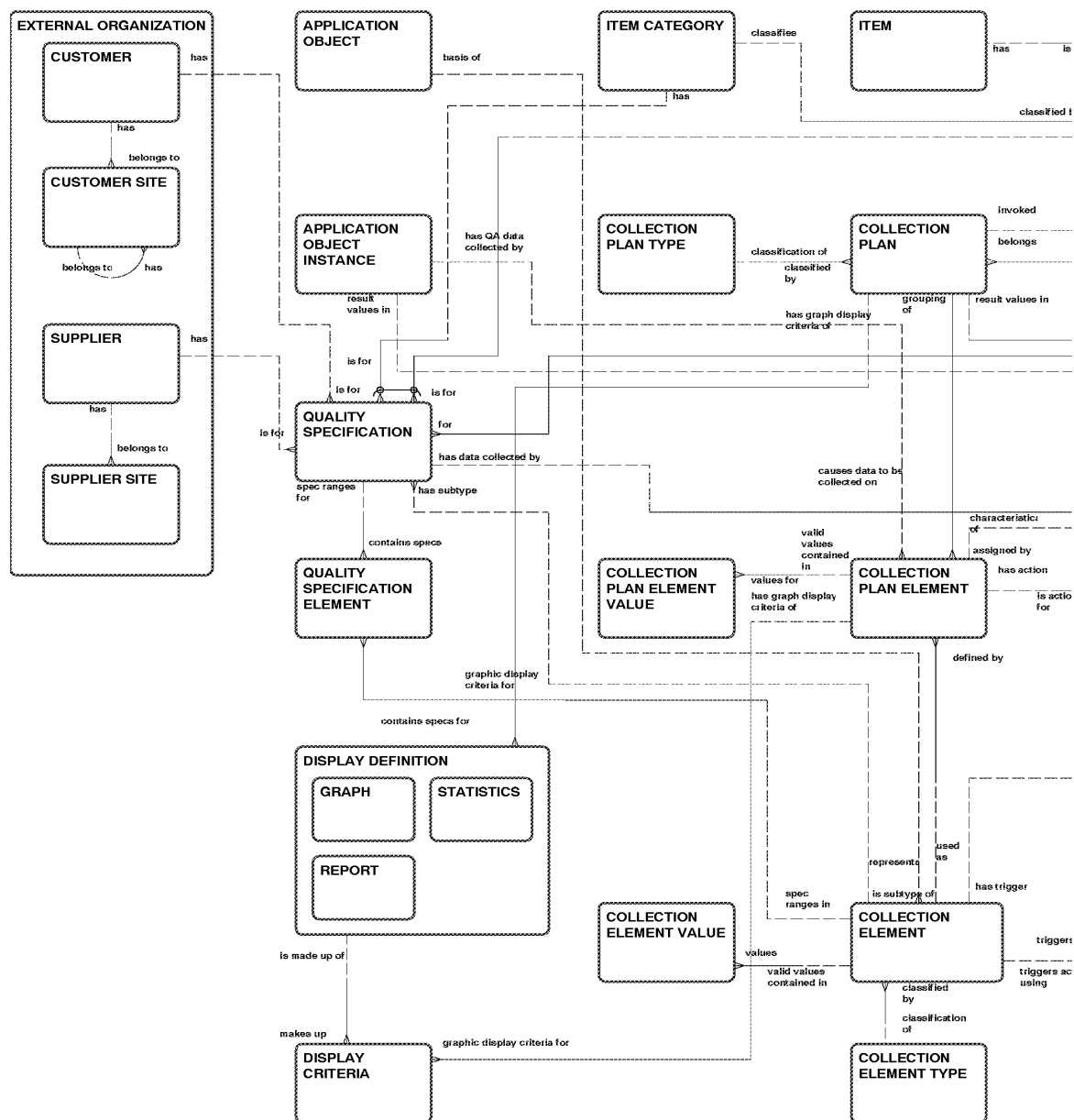
Tables – are the basic unit of storage in the database. A hand symbol preceding the title in the table's title bar indicates that the table is not owned by this application but shared with another.

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.

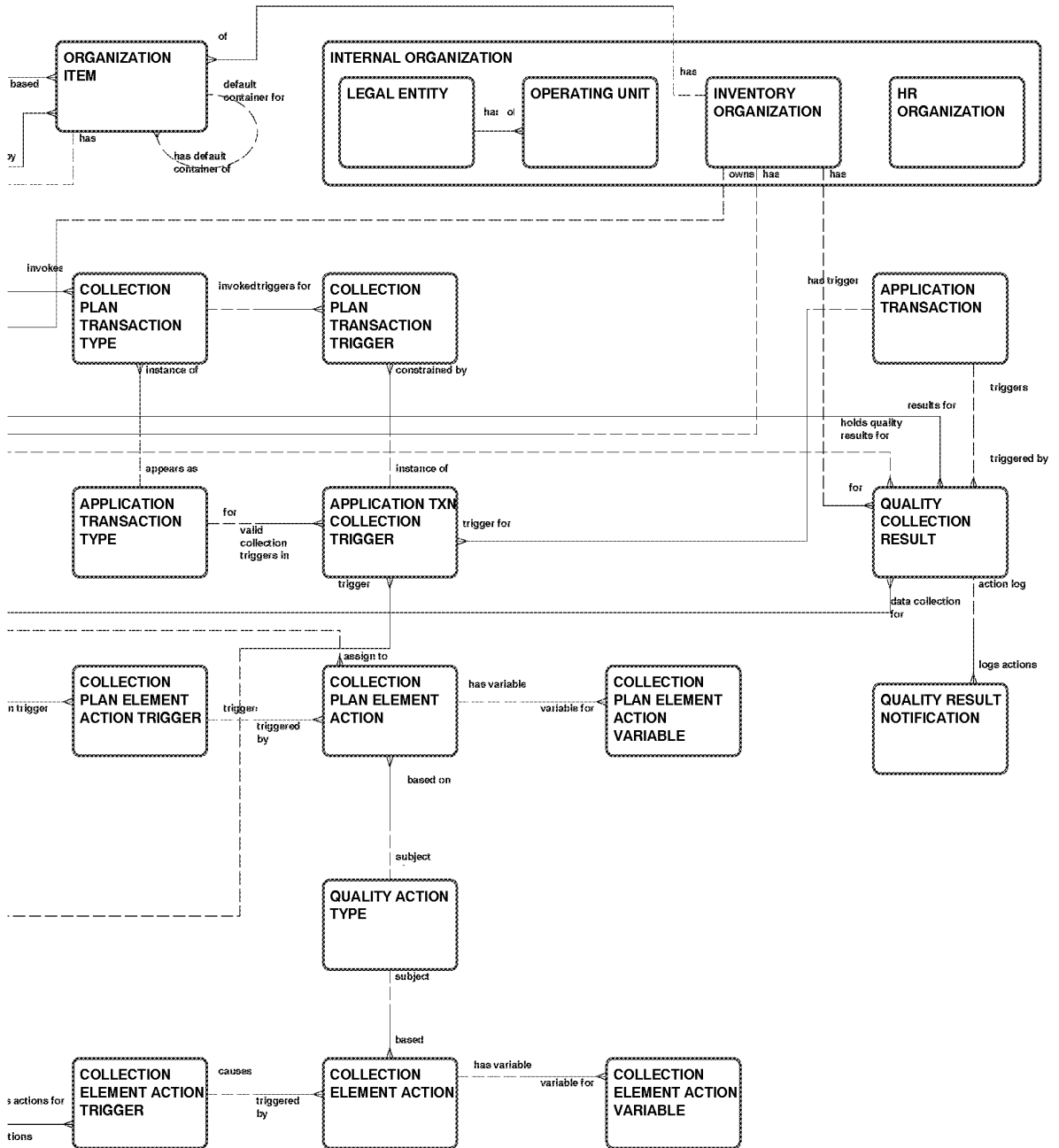
Arcs – specify that, for any given row in a table, a value must be entered in one of the arc columns. The remaining columns within the arc must be null.

Quality Summary Database Diagram



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Quality Summary Database Diagram (continued)



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Database Diagrams

This section graphically represents most of the significant Oracle Quality tables and the relationships between them, organized by building block. Use this section to quickly learn which tables each Quality application building block uses, and how these tables interrelate. You can then refer to the Table and View Definitions sections of Chapter 3 for more detailed information about each of the tables.

This section contains a database diagram for the following Quality application building blocks:

- Diagram 1: Quality Criteria
- Diagram 2: Quality Elements
- Diagram 3: Quality Plans
- Diagram 4: Quality Specifications
- Diagram 5: Quality Actions
- Diagram 6: Quality Results

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

Quality Criteria

Diagram 1 shows the tables used in the Quality Results Reportwriter, descriptive statistics, and in Quality charts, and illustrates the relationships between them and the various criteria or conditions that you use to filter Quality results. After you enter the collection elements and the collection plan for the chart or report that you want to create, you can filter the results using criteria or conditions that you define or using pre-existing criteria that you copy. The tables store "show results where" information used to retrieve specific values from collected results.

This diagram also illustrates the relationship between tables used to store user-defined charts and their parameters, such as Control limits for Control Charts.

Quality Elements

Diagram 2 illustrates how collection elements are internally stored in Oracle Quality. Collection elements are the data that you want to collect

and analyze, and represent objects in the application software (when you collect data for a collection element, you are gathering information about an instance of the application object). This diagram shows the entities and relationships established when creating collection elements, and illustrates the relationships between collection elements and any actions associated with them.

Quality Plans

Diagram 3 illustrates how collection plans and their associated collection elements, transactions, and actions are internally represented in Oracle Quality. A collection plan is a grouping of collection elements, which are referred to as collection plan elements once they are used in a collection plan. A collection plan can be associated with any of the transactions that Oracle Quality supports, and you can define actions for collection plan elements that are activated when a specific condition is met.

Quality Specifications

Diagram 4 illustrates the tables and relationships between collection elements and their specifications. You can define specification limits for collection elements to ensure that product components and assemblies conform to quality standards.

Quality Actions

Diagram 5 illustrates the relationships between actions and action logs and their output, and shows the contexts where Oracle Quality actions can be used. You can use Quality's predefined actions with a collection element by itself or with a collection element that is part of a particular collection plan.

Quality Results

Diagram 6 illustrates the entities and relationships associated with acquiring quality results in Oracle Quality. This diagram describes how quality results are related to the transactions that trigger them, the application objects that they represent, and any resulting information logged about them in the system. It also shows the relationships among the main pool, Quality results, and the Quality subset, Quality BIS

Results (QA_BIS_RESULTS), which is used for Business Intelligence System purposes only.

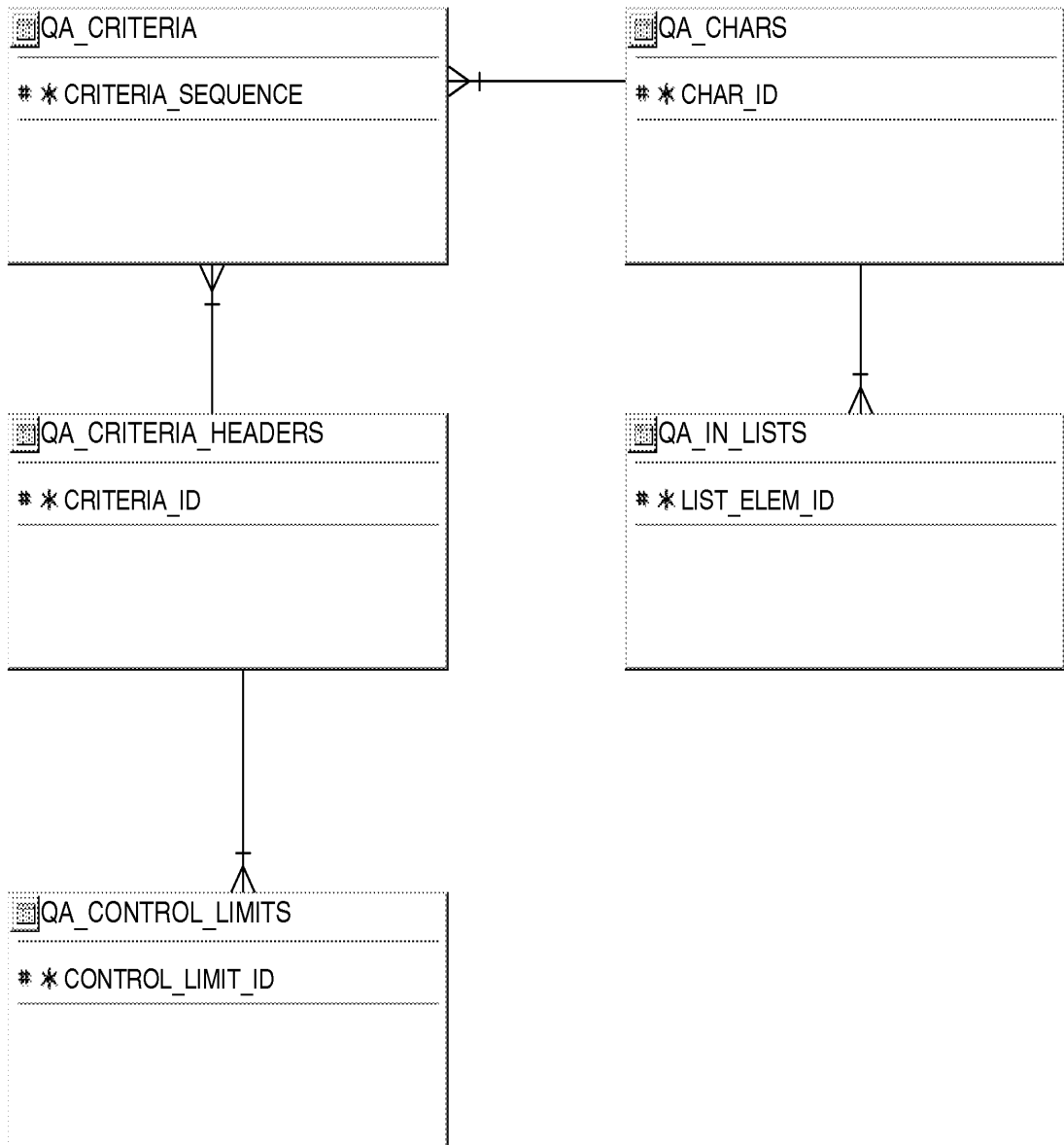
How to Use These Database Diagrams

Here is an example of how you might use these database diagrams:

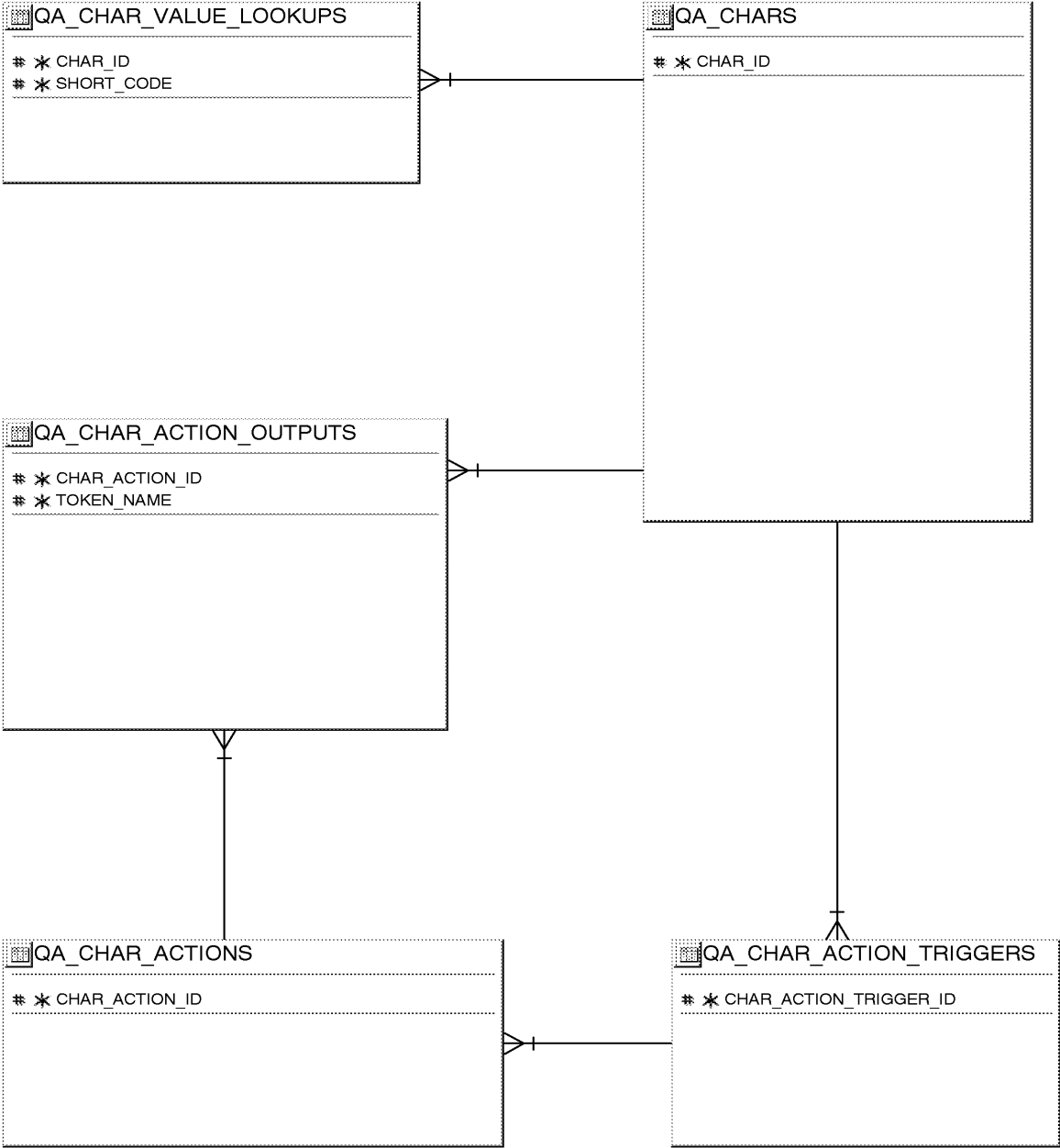
Suppose you would like to collect quality data about various application objects in Oracle Quality. To capture data about the application objects, you must create a collection plan. Diagram 3 shows that collection plans are composed of collection elements. Diagram 3 also explores the relationship between collection elements, collection plan elements (the collection elements used in the collection plan), and their respective lookup values, and the concept of collection plan *types*, which categorize collection elements in groups. Oracle Quality offers four predefined collection plan types; however, you can create your own collection plan types. Once you have created a collection plan, you can use it to collect and analyze quality results.

To understand how these results are internally represented in Oracle Quality, you can refer to Diagram 6. This diagram illustrates how quality results are gathered, what the results mean, and what Oracle Quality does with the results. It shows the relationship between the results and the transaction that *initially* triggered their capture, as well as the relationship between the results and the information *subsequently* recorded in the system about its capture. It also illustrates the two entities that a single result represents: the application object instance for which the data was collected (such as an item, job, operation, purchase order, or service request), and the collection plan that embodies that application object within Oracle Quality.

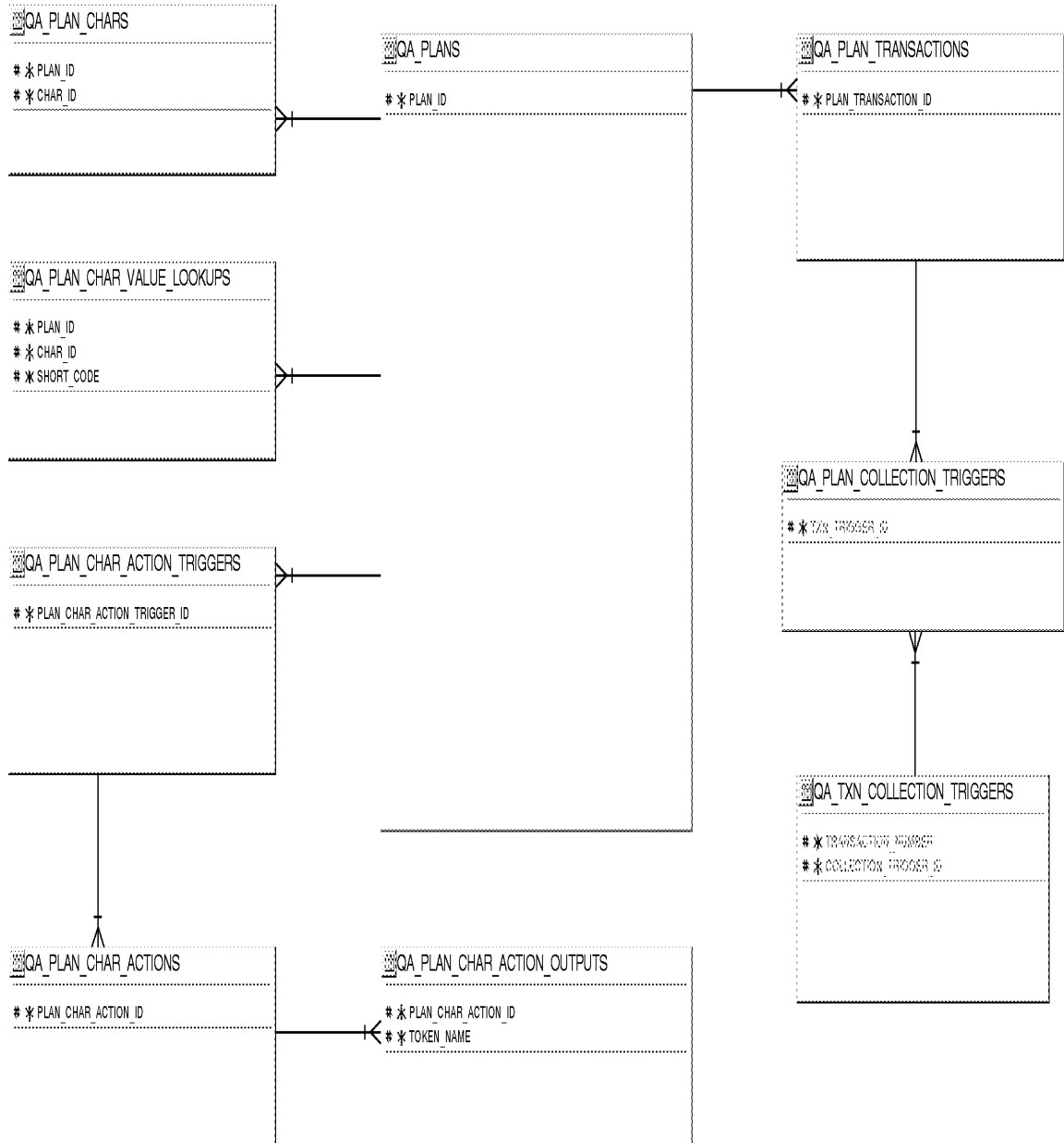
Quality Criteria



Quality Elements

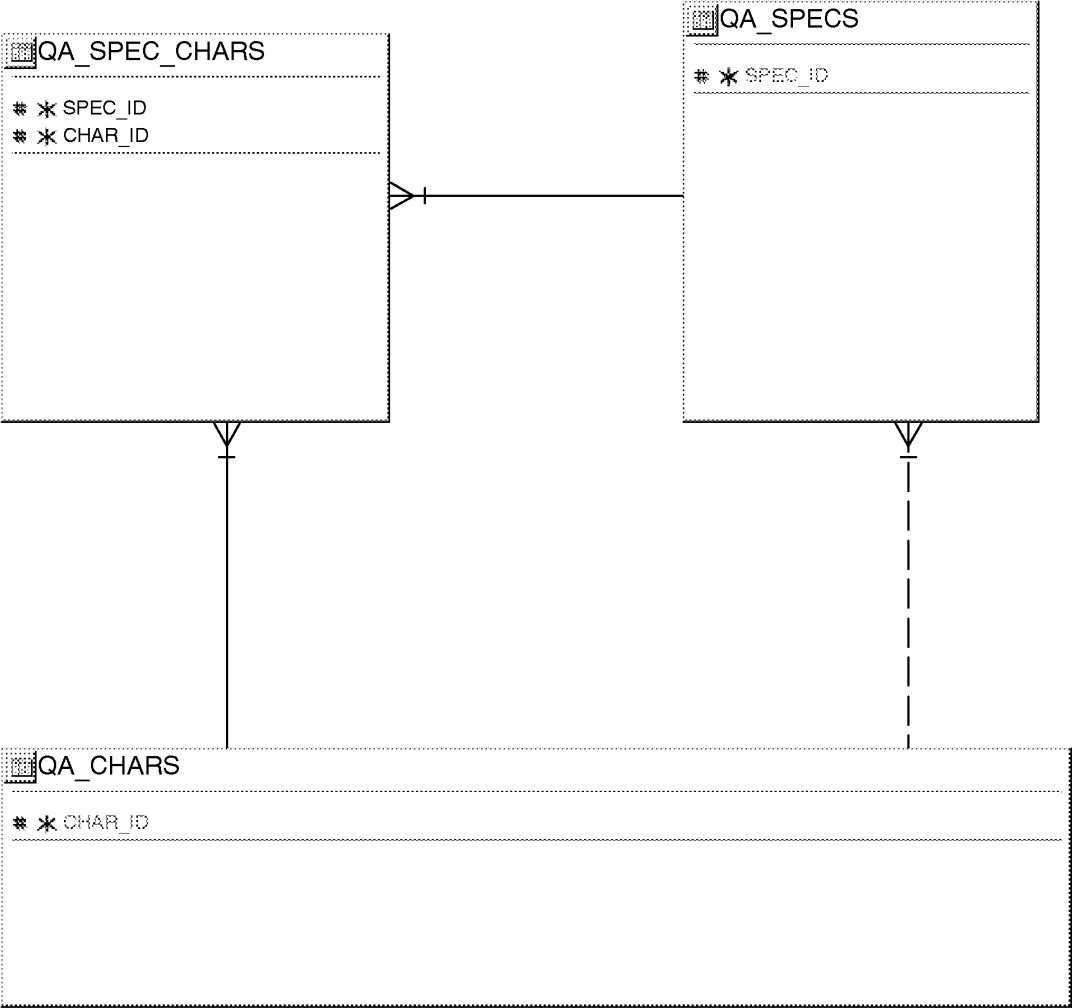


Quality Plans

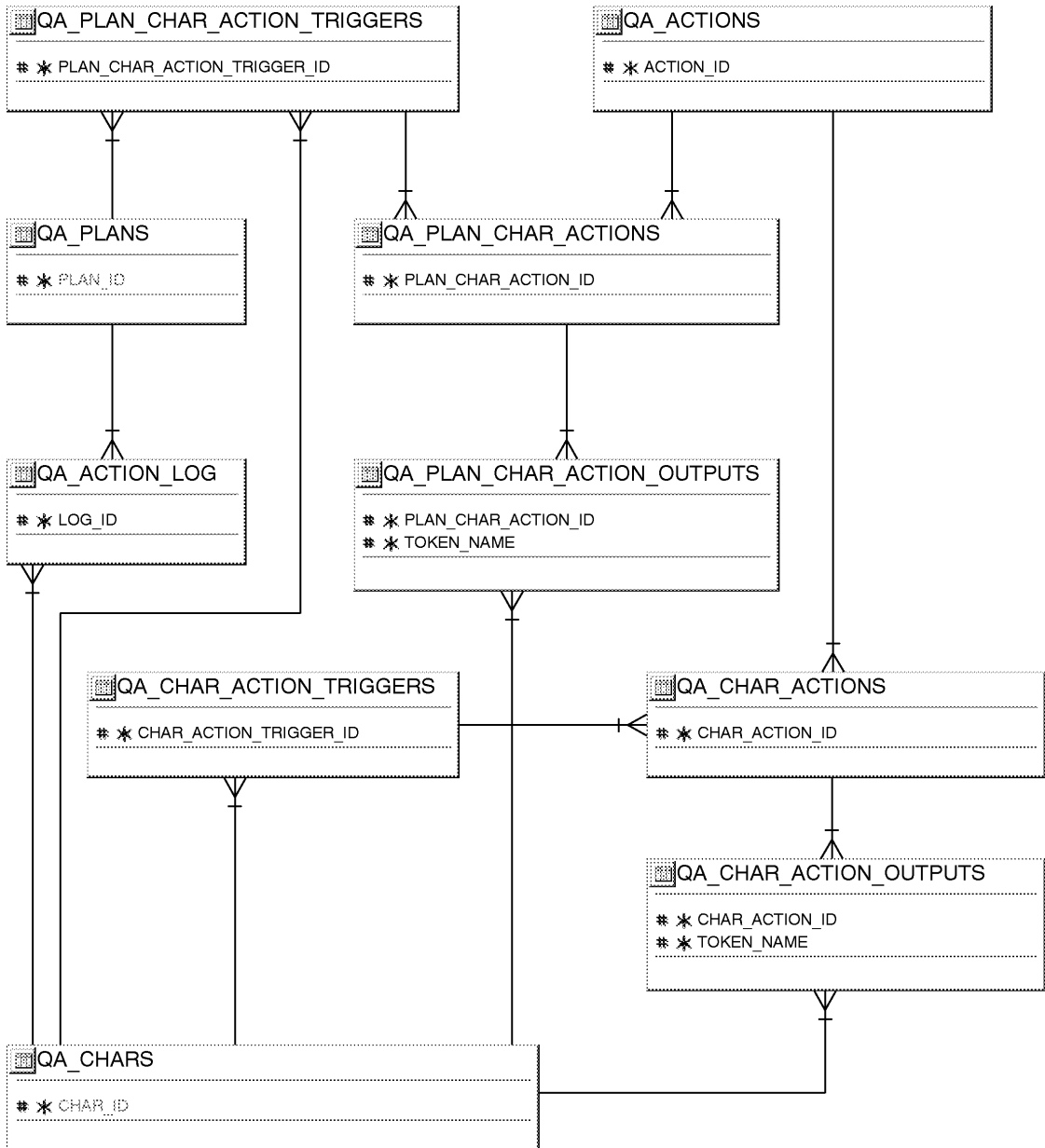


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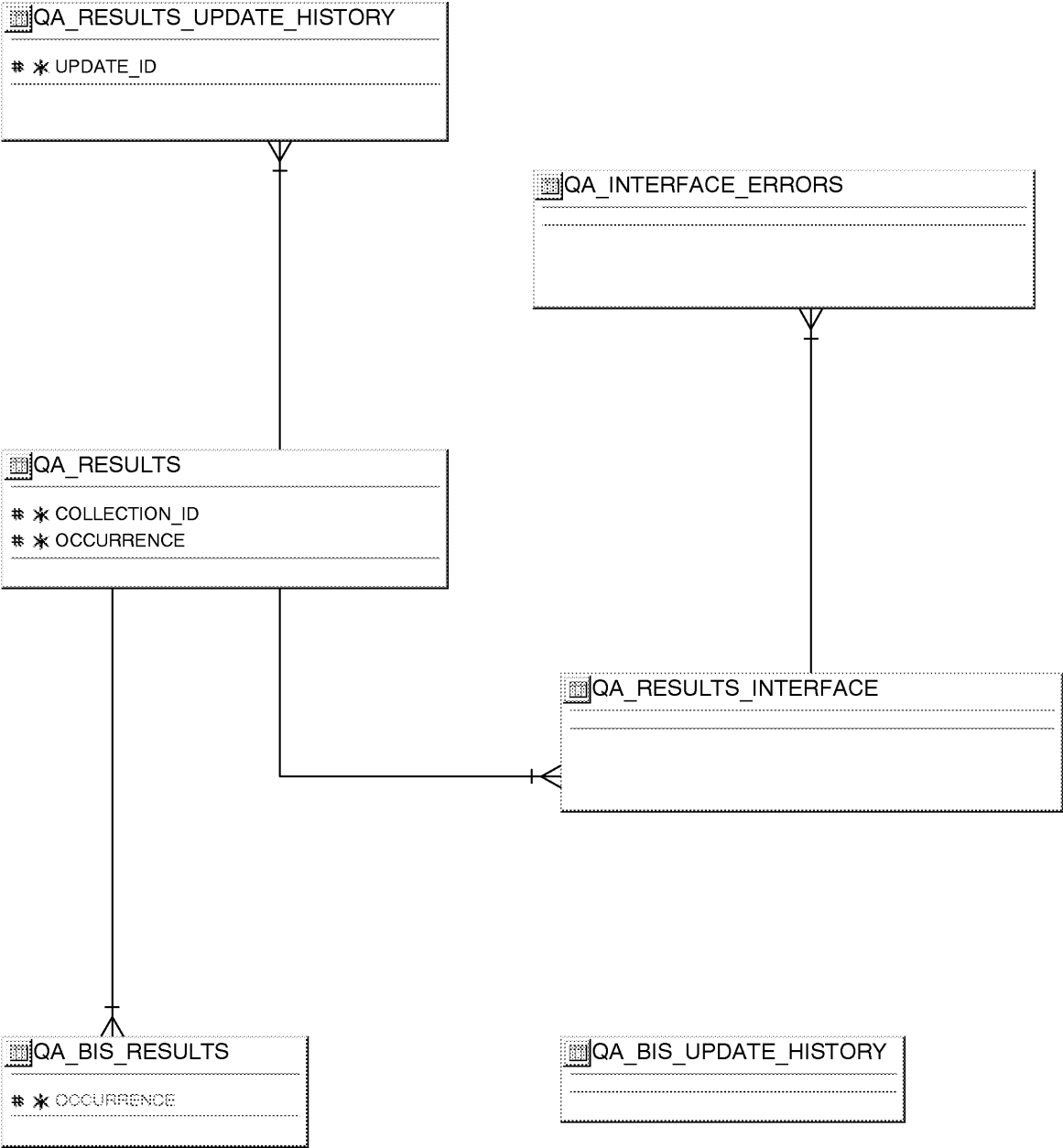
Quality Specifications



Quality Actions



Quality Results



Public Table List

This section lists each public database table that Quality uses and provides a brief description of each of these 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.

Quality uses the following Public tables:

Table Name	Description
BOM_DEPARTMENTS	Departments (See page 3 – 7)
BOM_RESOURCES	Resources, overheads, material cost codes, and material overheads (See page 3 – 11)
FND_USER	Application users (no table description)
MTL_CATEGORIES_B	Code combinations table for item categories (See page 3 – 21)
MTL_CATEGORIES_TL	Categories table holding translated Description column for Item Categories (See page 3 – 23)
MTL_CATEGORY_SETS_B	Category Sets (See page 3 – 24)
MTL_CATEGORY_SETS_TL	A table holding translated Name and Description columns for Category Sets (See page 3 – 26)
MTL_SALES_ORDERS	Local definitions of sales orders (See page 3 – 27)
MTL_SECONDARY_INVENTORIES	Subinventory definitions (See page 3 – 29)
MTL_SYSTEM_ITEMS_B	Inventory item definitions (See page 3 – 33)
MTL_SYSTEM_ITEMS_TL	Translations table table holding item descriptions in multiple languages (See page 3 – 53)
MTL_TRANSACTION_REASONS	Inventory Transaction Reasons Table (See page 3 – 54)
MTL_UNITS_OF_MEASURE_TL	Unit of measure definitions (See page 3 – 55)
PA_TASKS	User-defined subdivisions of project work (See page 3 – 57)

PO_HEADERS_ALL	Document headers (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 70)
PO_RELEASES_ALL	Purchase order releases (See page 3 – 78)
PO_VENDORS	Suppliers (See page 3 – 83)
QA_ACTIONS	Defines Oracle Quality actions (See page 3 – 90)
QA_ACTION_LOG	Log table for actions (See page 3 – 91)
QA_BIS_RESULTS	BIS Summary Table (See page 3 – 93)
QA_BIS_UPDATE_HISTORY	BIS Summary Table Update History (See page 3 – 94)
QA_CAR_TYPES	Intended to be used in future for corrective action functionality (See page 3 – 95)
QA_CHARS	Collection elements definitions (See page 3 – 96)
QA_CHART_CONSTANTS	Stores different constants used for chart calculations (See page 3 – 101)
QA_CHART_DATA	Temporary table to store chart calculations (See page 3 – 102)
QA_CHAR_ACTIONS	Defines collection elements and actions assigned to them (See page 3 – 103)
QA_CHAR_ACTION_OUTPUTS	Stores mapping between tokens and collection elements (See page 3 – 105)
QA_CHAR_ACTION_TRIGGERS	Defines collection elements action triggers or rule (See page 3 – 106)
QA_CHAR_VALUE_LOOKUPS	Stores set of permissible values for collection elements (See page 3 – 109)
QA_CONTROL_LIMITS	Stores control limits for charts (See page 3 – 110)
QA_CRITERIA	Stores "show results where" criteria for chart, Quality Dynamic Reportwriter etc. (See page 3 – 111)
QA_CRITERIA_HEADERS	Header table for Criteria (See page 3 – 113)
QA_INTERFACE_ERRORS	Stores errors encountered during collection import (See page 3 – 115)
QA_IN_LISTS	Stores in lists definitions (See page 3 – 116)

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QA_PLANS	Collection plan definitions (See page 3 – 117)
QA_PLAN_CHARS	Stores collection plans and their assigned collection elements (See page 3 – 119)
QA_PLAN_CHAR_ACTIONS	Stores actions assigned to collection elements for collection plans (See page 3 – 121)
QA_PLAN_CHAR_ACTION_OUTPUTS	Stores mapping between output variables and collection elements in a plan (See page 3 – 123)
QA_PLAN_CHAR_ACTION_TRIGGERS	Defines action triggers defined in a collection plan (See page 3 – 124)
QA_PLAN_CHAR_VALUE_LOOKUPS	Contains set of permissible values for a collection elements in a collection plan (See page 3 – 127)
QA_PLAN_COLLECTION_TRIGGERS	Defines collection plan triggers for Quality Collection transactions (See page 3 – 129)
QA_PLAN_TRANSACTIONS	Stores information on Quality Collection Plan and the Quality Collection transactions, the plan is associated with (See page 3 – 131)
QA_RESULTS	Quality Results data repository (See page 3 – 133)
QA_RESULTS_INTERFACE	Quality Results Interface table for collection import (See page 3 – 139)
QA_RESULTS_UPDATE_HISTORY	Stores history of collection import (See page 3 – 146)
QA_SPECS	Defines Quality Specifications (See page 3 – 147)
QA_SPEC_CHARS	Defines specification and specification elements (See page 3 – 149)
QA_TXN_COLLECTION_TRIGGERS	Define information on applicability of a collection plan for a Quality Collection transaction (See page 3 – 151)
RA_CUSTOMERS	Customer information (See page 3 – 153)
SO_HEADERS_ALL	Order header information (See page 3 – 158)
WIP_ENTITIES	Information common to jobs and schedules (See page 3 – 164)
WIP_LINES	Production lines (See page 3 – 166)

Public View List

This section lists each public database view that Quality uses and provides a brief description of each of the 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.

Quality uses the following public views:

View Name	Description
BOM_DEPARTMENTS_ALL_V	View for department list of values – all records (See page 3 – 9)
BOM_DEPARTMENTS_VAL_V	View for department list of values – only enabled records (See page 3 – 10)
BOM_RESOURCES_ALL_V	View for resource list of values – all records (See page 3 – 14)
BOM_RESOURCES_VAL_V	View for resource list of values – only enabled records (See page 3 – 16)
FND_COMMON_LOOKUPS	View of QuickCodes provided for backward compatibility (See page 3 – 19)
MFG_LOOKUPS	(No view description)
MTL_CATEGORY_SETS_VL	Category Sets multilingual view (no view description)
PER_PEOPLE_F	Secure view based on the corresponding _ALL_ table. (See page 3 – 64)

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/2000. For example, many of these views are used as base tables in Quality forms.



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

Quality uses the following Forms and Table views:

- HR_EMPLOYEES
- MTL_ITEM_UOMS_VIEW
- MTL_PROJECT_V
- MTL_TASK_V
- ORG_ORGANIZATION_DEFINITIONS2
- QA_ACTION_LOG_V
- QA_CHAR_ACTIONS_V
- QA_CHAR_ACTION_OUTPUTS_V
- QA_CHAR_ACTION_TRIGGERS_V
- QA_IN_LISTS_V
- QA_PLAN_CHAR_ACTION_OUTPUTS_V

Internal View List

This section lists each private, internal view that Quality uses.



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

Quality uses the following internal views:

- FND_USER_VIEW
- QA_BIS_RESULTS_V
- QA_CHARS_V
- QA_CHAR_VALUE_LOOKUPS_V
- QA_CRITERIA_HEADERS_V
- QA_CRITERIA_V
- QA_CRITERIA_V1
- QA_GLOBAL_RESULTS_V
- QA_PLANS_V
- QA_PLANS_VAL_V
- QA_PLAN_CHARS_V
- QA_PLAN_CHAR_ACTIONS_V
- QA_PLAN_CHAR_ACTION_TRIGGERS_V
- QA_PLAN_COLLECTION_TRIGGERS_V
- QA_PLAN_TRANSACTIONS_V
- QA_RESULTS_V
- QA_RESULTS_VAL_V
- QA_SPECS_V
- QA_SPECS_VAL_V
- QA_SPEC_CHARS_V
- QA_TXN_COLLECTION_TRIGGERS_V

Module List

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

Forms

QLTALINF	Action Log
QLTCHMDF	Collection Elements; View Collection Elements Summary
QLTCIMDF	Update Collection Import
QLTPLMDF	Collection Plans; View Collection Plans Summary
QLTRSINF	View Quality Results; Update Quality Results; Lot Quality; etc.
QLTRSMDF	Enter Quality Results
QLTSCMDF	Descriptive Statistics; Histograms; Pareto Chart; Trend Chart; etc.
QLTSPECF	Specification
QLTSTAND	Quality standard referenced form.

Reports

QLTCHACR	Collection Element Action Rules Report
QLTCHARR	Collection Elements Report
QLTCHWUR	Collection Element Usages Report
QLTPLACR	Collection Plan Action Rules Report
QLTPLANR	Collection Plan Summary Report
QLTPLCHR	Collection Plan Details Report
QLTRSLTR	User-defined
QLTSPECR	Quality Specifications Report

Concurrent Programs

QLTACTWB	Quality actions processing
QLTPVWWB	Quality dynamic plan and import views creator
QLTRSLTN	Quality results report launcher
QLTTRAMB	Collection import manager
QLTTRAWB	Collection import worker

CHAPTER

3

Detailed Design

This chapter presents a detailed design for implementing Oracle Quality. 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 Quality that enables you to:

- Convert existing application data
- Integrate your Quality 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 Quality 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 Quality 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 Quality table and view that you may need to reference. For each table, it presents detailed information about:

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

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

The following sections appear in each table or view description:

Foreign Keys

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

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

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

QuickCodes Columns

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

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

Column Descriptions

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

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

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

Standard Who Columns

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

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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 Quality 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 Quality 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 Quality.

Sequences

Oracle Quality 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 Quality 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.

BOM_DEPARTMENTS

BOM_DEPARTMENTS stores department information. You cannot use the department in an operation after its DISABLE_DATE. DEPARTMENT_ID uniquely identifies each row. You can assign a delivery location for each department if you use outside processing resources.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENT_CLASSES	DEPARTMENT_CLASS_CODE	DEPARTMENT_CLASS_CODE
HR_LOCATIONS_ALL	LOCATION_ID	LOCATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID (PK)	NOT NULL	NUMBER	Department unique identifier
DEPARTMENT_CODE	NOT NULL	VARCHAR2(10)	Department code
ORGANIZATION_ID	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
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
DEPARTMENT_CLASS_CODE	NULL	VARCHAR2(10)	Department class code
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	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
LOCATION_ID	NULL	NUMBER	Location identifier
PA_EXPENDITURE_ORG_ID	NULL	NUMBER	Organization identifier for the expenditure organization

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
BOM_DEPARTMENTS_U1	UNIQUE	1	DEPARTMENT_ID
BOM_DEPARTMENTS_U2	UNIQUE	1	ORGANIZATION_ID
		2	DEPARTMENT_CODE

Sequences

<u>Sequence</u>	<u>Derived Column</u>
BOM_DEPARTMENTS_S	DEPARTMENT_ID

BOM_DEPARTMENTS_ALL_V

View Definition

```
CREATE VIEW BOM_DEPARTMENTS_ALL_V
FROM BOM_DEPARTMENTS BD
```

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
DEPARTMENT_CODE	NOT NULL	VARCHAR2(10)	Department code
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
ORGANIZATION_ID	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
DEPARTMENT_CLASS_CODE	NULL	VARCHAR2(10)	Department class code
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	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
LOCATION_ID	NULL	NUMBER	Location unique identifier

BOM_DEPARTMENTS_VAL_V

View based on BOM_DEPARTMENTS table. Main columns include DEPARTMENT_ID, DEPARTMENT_CODE, DESCRIPTION, DISABLE_DATE, ORGANIZATION_ID. Disabled records are filtered out.

View Definition

```
CREATE VIEW BOM_DEPARTMENTS_VAL_V
  FROM BOM_DEPARTMENTS BD
  WHERE trunc(nvl(disable_date, sysdate + 1)) > trunc(sysdate)
```

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
DEPARTMENT_CODE	NOT NULL	VARCHAR2(10)	Department code
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
ORGANIZATION_ID	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
DEPARTMENT_CLASS_CODE	NULL	VARCHAR2(10)	Department class code
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	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
LOCATION_ID	NULL	NUMBER	Location identifier

BOM_RESOURCES

BOM_RESOURCES stores information about resources, overheads, material overheads, and material sub-elements. COST_ELEMENT_ID determines the type of the resource. Resources are additionally classified as either material resources or outside processing resources

If the resource represents a currency unit, UNIT_OF_MEASURE stores the currency code associated with the set of books the organization points to.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_ACTIVITIES	ACTIVITY_ID	DEFAULT_ACTIVITY_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ABSORPTION_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RATE_VARIANCE_ACCOUNT
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PURCHASE_ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	UNIT_OF_MEASURE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOW_COSTS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
COST_CODE_TYPE	CST_COST_CODE_TYPE	MFG_LOOKUPS
	1	Material
	2	Material Overhead
	3	Resource
	4	Outside Processing
DEFAULT_BASIS_TYPE	5	Overhead
	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
FUNCTIONAL_CURRENCY_FLAG	6	Activity
	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
RESOURCE_TYPE	2	No
	BOM_RESOURCE_TYPE	MFG_LOOKUPS
	1	Machine
	2	Person
	3	Space

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	4	Miscellaneous
	5	Amount
STANDARD_RATE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource unique identifier
RESOURCE_CODE	NOT NULL	VARCHAR2(10)	Resource code
ORGANIZATION_ID	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
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost element identifier
PURCHASE_ITEM_ID	NULL	NUMBER	Purchase item identifier
COST_CODE_TYPE	NOT NULL	NUMBER	Cost code type
FUNCTIONAL_CURRENCY_FLAG	NOT NULL	NUMBER	Unit of measure is functional currency
UNIT_OF_MEASURE	NULL	VARCHAR2(3)	Unit of measure
DEFAULT_ACTIVITY_ID	NULL	NUMBER	Default activity identifier
RESOURCE_TYPE	NULL	NUMBER	Resource type
AUTOCHARGE_TYPE	NULL	NUMBER	Autocharge for shop floor transaction
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shop floor transaction
DEFAULT_BASIS_TYPE	NULL	NUMBER	Default basis
ABSORPTION_ACCOUNT	NULL	NUMBER	Absorption account
ALLOW_COSTS_FLAG	NOT NULL	NUMBER	Allow costs to be defined
RATE_VARIANCE_ACCOUNT	NULL	NUMBER	Rate variance account
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type
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	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_RESOURCES_U1	UNIQUE	1	ORGANIZATION_ID
		2	RESOURCE_CODE
		3	COST_CODE_TYPE
BOM_RESOURCES_U2	UNIQUE	1	RESOURCE_ID

Sequences

Sequence	Derived Column
BOM_RESOURCES_S	RESOURCE_ID

BOM_RESOURCES_ALL_V

View based on BOM_RESOURCES table. Main columns include RESOURCE_ID, RESOURCE_CODE, DESCRIPTION, UNIT_OF_MEASURE, COST_ELEMENT_ID, DISABLE_DATE, ORGANIZATION_ID, COST_CODE_TYPE. No records are filtered out.

View Definition

```
CREATE VIEW BOM_RESOURCES_ALL_V
as SELECT
    BR.RESOURCE_ID,
    BR.RESOURCE_CODE,
    BR.DESCRPTION,
    BR.UNIT_OF_MEASURE,
    BR.COST_ELEMENT_ID,
    BR.DISABLE_DATE,
    BR.ORGANIZATION_ID,
    BR.COST_CODE_TYPE,
    BR.LAST_UPDATE_DATE,
    BR.LAST_UPDATED_BY,
    BR.CREATION_DATE,
    BR.CREATED_BY,
    BR.LAST_UPDATE_LOGIN,
    BR.PURCHASE_ITEM_ID,
    BR.FUNCTIONAL_CURRENCY_FLAG,
    BR.DEFAULT_ACTIVITY_ID,
    BR.RESOURCE_TYPE,
    BR.AUTOCHARGE_TYPE,
    BR.STANDARD_RATE_FLAG,
    BR.DEFAULT_BASIS_TYPE,
    BR.ABSORPTION_ACCOUNT,
    BR.ALLOW_COSTS_FLAG,
    BR.RATE_VARIANCE_ACCOUNT,
    BR.EXPENDITURE_TYPE,
    BR.ATTRIBUTE_CATEGORY,
    BR.ATTRIBUTE1,
    BR.ATTRIBUTE2,
    BR.ATTRIBUTE3,
    BR.ATTRIBUTE4,
    BR.ATTRIBUTE5,
    BR.ATTRIBUTE6,
    BR.ATTRIBUTE7,
    BR.ATTRIBUTE8,
    BR.ATTRIBUTE9,
    BR.ATTRIBUTE10,
    BR.ATTRIBUTE11,
    BR.ATTRIBUTE12,
    BR.ATTRIBUTE13,
    BR.ATTRIBUTE14,
    BR.ATTRIBUTE15,
    BR.REQUEST_ID,
```



```

BR.PROGRAM_APPLICATION_ID,
BR.PROGRAM_ID,
BR.PROGRAM_UPDATE_DATE
FROM BOM_RESOURCES BR

```

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
RESOURCE_CODE	NOT NULL	VARCHAR2(10)	Resource code
DESCRIPTION	NULL	VARCHAR2(240)	Description
UNIT_OF_MEASURE	NULL	VARCHAR2(3)	Unit of measure
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost element identifier
DISABLE_DATE	NULL	DATE	Disable date
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COST_CODE_TYPE	NOT NULL	NUMBER	Cost code type
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PURCHASE_ITEM_ID	NULL	NUMBER	Purchase item identifier
FUNCTIONAL_CURRENCY_FLAG	NOT NULL	NUMBER	Unit of measure is functional currency
DEFAULT_ACTIVITY_ID	NULL	NUMBER	Default activity identifier
RESOURCE_TYPE	NULL	NUMBER	Resource type
AUTOCHARGE_TYPE	NULL	NUMBER	Autocharge for shop floor transaction
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shop floor transaction
DEFAULT_BASIS_TYPE	NULL	NUMBER	Default basis
ABSORPTION_ACCOUNT	NULL	NUMBER	Absorption account
ALLOW_COSTS_FLAG	NOT NULL	NUMBER	Allow costs to be defined
RATE_VARIANCE_ACCOUNT	NULL	NUMBER	Rate variance account
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Refer to base table.
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	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

BOM_RESOURCES_VAL_V

View based on BOM_RESOURCES table. Main columns include RESOURCE_ID, RESOURCE_CODE, DESCRIPTION, UNIT_OF_MEASURE, COST_ELEMENT_ID, DISABLE_DATE, ORGANIZATION_ID, COST_CODE_TYPE. Disabled records are filtered out.

View Definition

```
CREATE VIEW BOM_RESOURCES_VAL_V
as SELECT
    BR.RESOURCE_ID,
    BR.RESOURCE_CODE,
    BR.DESCRPTION,
    BR.UNIT_OF_MEASURE,
    BR.COST_ELEMENT_ID,
    BR.DISABLE_DATE,
    BR.ORGANIZATION_ID,
    BR.COST_CODE_TYPE,
    BR.LAST_UPDATE_DATE,
    BR.LAST_UPDATED_BY,
    BR.CREATION_DATE,
    BR.CREATED_BY,
    BR.LAST_UPDATE_LOGIN,
    BR.PURCHASE_ITEM_ID,
    BR.FUNCTIONAL_CURRENCY_FLAG,
    BR.DEFAULT_ACTIVITY_ID,
    BR.RESOURCE_TYPE,
    BR.AUTOCHARGE_TYPE,
    BR.STANDARD_RATE_FLAG,
    BR.DEFAULT_BASIS_TYPE,
    BR.ABSORPTION_ACCOUNT,
    BR.ALLOW_COSTS_FLAG,
    BR.RATE_VARIANCE_ACCOUNT,
    BR.EXPENDITURE_TYPE,
    BR.ATTRIBUTE_CATEGORY,
    BR.ATTRIBUTE1,
    BR.ATTRIBUTE2,
    BR.ATTRIBUTE3,
    BR.ATTRIBUTE4,
    BR.ATTRIBUTE5,
    BR.ATTRIBUTE6,
    BR.ATTRIBUTE7,
    BR.ATTRIBUTE8,
    BR.ATTRIBUTE9,
    BR.ATTRIBUTE10,
    BR.ATTRIBUTE11,
    BR.ATTRIBUTE12,
    BR.ATTRIBUTE13,
    BR.ATTRIBUTE14,
    BR.ATTRIBUTE15,
    BR.REQUEST_ID,
    BR.PROGRAM_APPLICATION_ID,
    BR.PROGRAM_ID,
```

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```

        BR.PROGRAM_UPDATE_DATE
    FROM BOM_RESOURCES BR
    WHERE trunc(nvl(disable_date, sysdate + 1)) > trunc(sysdate)

```

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOW_COSTS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
COST_CODE_TYPE	CST_COST_CODE_TYPE	MFG_LOOKUPS
	1	Material
	2	Material Overhead
	3	Resource
	4	Outside Processing
	5	Overhead
FUNCTIONAL_CURRENCY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
RESOURCE_CODE	NOT NULL	VARCHAR2(10)	Resource code
DESCRIPTION	NULL	VARCHAR2(240)	Description
UNIT_OF_MEASURE	NULL	VARCHAR2(3)	Unit of measure
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost element identifier
DISABLE_DATE	NULL	DATE	Disable date
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COST_CODE_TYPE	NOT NULL	NUMBER	Cost code type
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PURCHASE_ITEM_ID	NULL	NUMBER	Purchase item identifier
FUNCTIONAL_CURRENCY_FLAG	NOT NULL	NUMBER	Unit of measure is functional currency
DEFAULT_ACTIVITY_ID	NULL	NUMBER	Default activity identifier
RESOURCE_TYPE	NULL	NUMBER	Resource type
AUTOCHARGE_TYPE	NULL	NUMBER	Autocharge for shop floor transaction
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shop floor transactions
DEFAULT_BASIS_TYPE	NULL	NUMBER	Default basis
ABSORPTION_ACCOUNT	NULL	NUMBER	Absorption account
ALLOW_COSTS_FLAG	NOT NULL	NUMBER	Allow costs to be defined
RATE_VARIANCE_ACCOUNT	NULL	NUMBER	Rate variance account
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type

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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
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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FND_COMMON_LOOKUPS

FND_COMMON_LOOKUPS is a view of selected columns from the tables FND_LOOKUP_TYPES and FND_LOOKUP_VALUES, which store information about QuickCodes. This view contains information on all of the QuickCodes that were defined in the FND_COMMON_LOOKUPS table in Release 11, and is provided for backward compatibility.

View Definition

```
CREATE VIEW FND_COMMON_LOOKUPS
as SELECT
    FLT.APPLICATION_ID,
    FLT.LOOKUP_TYPE,
    FLV.LOOKUP_CODE,
    FLV.MEANING,
    FLV.DESCRPTION,
    FLV.ENABLED_FLAG,
    FLV.START_DATE_ACTIVE,
    FLV.END_DATE_ACTIVE,
    FLV.CREATED_BY,
    FLV.CREATION_DATE,
    FLV.LAST_UPDATE_DATE,
    FLV.LAST_UPDATED_BY,
    FLV.LAST_UPDATE_LOGIN
from FND_LOOKUP_TYPES FLT, FND_LOOKUP_VALUES FLV
Where FLV.LOOKUP_TYPE = FLT.LOOKUP_TYPE
and FLV.SECURITY_GROUP_ID = FLT.SECURITY_GROUP_ID
and FLV.VIEW_APPLICATION_ID = FLT.VIEW_APPLICATION_ID
and FLV.LANGUAGE = userenv('LANG')
and FLV.VIEW_APPLICATION_ID = 3
and FLV.SECURITY_GROUP_ID =
    fnd_global.lookup_security_group(FLV.LOOKUP_TYPE, FLV.VIEW_APPLICATION_ID)
```

Column Descriptions

Name	Null?	Type	Description
APPLICATION_ID	NOT NULL	NUMBER(15)	Application identifier
LOOKUP_TYPE	NOT NULL	VARCHAR2(30)	QuickCode lookup type
LOOKUP_CODE	NOT NULL	VARCHAR2(30)	QuickCode code
MEANING	NOT NULL	VARCHAR2(80)	QuickCode meaning
DESCRIPTION		NULL VARCHAR2(240)	Description
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Enabled flag
START_DATE_ACTIVE		NULL DATE	The date when the QuickCode becomes active
END_DATE_ACTIVE		NULL DATE	The date when the QuickCode becomes inactive
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

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 N Y	FND_LOOKUPS No 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_SALES_ORDERS

MTL_SALES_ORDERS stores Inventory's local definition of sales orders.

Unlike account numbers which are stored as flexfields in GL_CODE_COMBINATIONS, or purchase orders which are stored in PO_HEADERS, sales orders are not assumed to originate in any particular application. MTL_SALES_ORDERS exists for the purpose of mapping sales orders between other applications and Inventory. MTL_SALES_ORDERS is a key flexfield table with no structure defining column or set defining column. The flexfield code for this table is MKTS. Only one structure for the flexfield may be defined for any installation of Inventory. Inventory demand interface and demand manager will validate sales orders on segment values, and will create a new SALES_ORDER_ID when necessary.

Column Descriptions

Name	Null?	Type	Description
SALES_ORDER_ID (PK)	NOT NULL	NUMBER	Sales order id
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
END_DATE_ACTIVE	NULL	DATE	Date segment combination becomes inactive
SOURCE_CODE	NULL	VARCHAR2(30)	(not currently used)
ORDER_TYPE	NULL	VARCHAR2(30)	(not currently 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_SALES_ORDERS_N1	NOT UNIQUE	1	SEGMENT1
MTL_SALES_ORDERS_U1	UNIQUE	1	SALES_ORDER_ID

Sequences

Sequence	Derived Column
MTL_SALES_ORDERS_S	SALES_ORDER_ID

MTL_SECONDARY_INVENTORIES

MTL_SECONDARY_INVENTORIES is the definition table for the subinventory. A subinventory is a section of inventory, i.e., raw material, finished goods, etc. Subinventories are assigned to items (in a many to one relationship), indicating a list of valid places where this item will physically exist in inventory.

Other attributes include general ledger accounts, demand picking order, locator type, availability type, and reservable type.

You can also specify whether this subinventory is an expense or asset subinventory (ASSET_INVENTORY), or whether quantities are tracked (QUANTITY_TRACKED).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ENG_ECN_APPROVAL_LISTS	APPROVAL_LIST_ID	NOTIFY_LIST_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_ACCOUNT
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SOURCE_SUBINVENTORY
	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PICK_UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ASSET_INVENTORY	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
AVAILABILITY_TYPE	MTL_AVAILABILITY	MFG_LOOKUPS
	1	Nettable inventory
	2	Nonnettable inventory
DEPRECIABLE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INVENTORY_ATP_CODE	MTL_ATP_CODE	MFG_LOOKUPS
	1	Inventory included in atp calculation
	2	Inventory not included in atp calculation
LOCATOR_TYPE	MTL_LOCATION_CONTROL	MFG_LOOKUPS
	1	No locator control
	2	Prespecified locator control
	3	Dynamic entry locator control

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	4	Locator control determined at subinventory level
	5	Locator control determined at item level
QUANTITY_TRACKED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REQUISITION_APPROVAL_TYPE	MTL_REQUISITION_APPROVAL	MFG_LOOKUPS
	1	Approved
	2	Unapproved
RESERVABLE_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier

Column Descriptions

Name	Null?	Type	Description
SECONDARY_INVENTORY_NAME (PK)	NOT NULL	VARCHAR2(10)	Subinventory name
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
DESCRIPTION	NULL	VARCHAR2(50)	Subinventory description
DISABLE_DATE	NULL	DATE	Disable date
INVENTORY_ATP_CODE	NOT NULL	NUMBER	Inventory available to promise code
AVAILABILITY_TYPE	NOT NULL	NUMBER	Subinventory availability code
RESERVABLE_TYPE	NOT NULL	NUMBER	Hard reservation eligibility
LOCATOR_TYPE	NULL	NUMBER	Subinventory-level stock locator control type
PICKING_ORDER	NULL	NUMBER	Picking order
MATERIAL_ACCOUNT	NULL	NUMBER	Subinventory material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Resource labor account
OVERHEAD_ACCOUNT	NULL	NUMBER	Resource overhead account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Outside processing account
QUANTITY_TRACKED	NOT NULL	NUMBER	Flag indicating on-hand item quantity is recorded
ASSET_INVENTORY	NOT NULL	NUMBER	Items contained within the subinventory regarded as assets
SOURCE_TYPE	NULL	NUMBER	Inventory or Supplier sourcing type
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory to source items from
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization to source items from
REQUISITION_APPROVAL_TYPE	NULL	NUMBER	Approval status of replenishment requisitions generated
EXPENSE_ACCOUNT	NULL	NUMBER	Account to expense items issued to subinventory

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Column Descriptions (Continued)

Name	Null?	Type	Description
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Account to encumber items requested by subinventory
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	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Pre-processing lead time
PROCESSING_LEAD_TIME	NULL	NUMBER	Processing lead time
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Post-processing lead time
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class for the subinventory
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
SUBINVENTORY_USAGE	NULL	NUMBER	Specifies whether costs should be collected for this subinventory in project manufacturing environment
NOTIFY_LIST_ID	NULL	NUMBER	ID of Notify List
PICK_UOM_CODE	NULL	VARCHAR2(3)	
DEPRECIABLE_FLAG	NOT NULL	NUMBER	Flag indicating if the sub inventory is depreciable
LOCATION_ID	NULL	NUMBER(15)	Location identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SECONDARY_INVENTORIES_U1	UNIQUE	1	ORGANIZATION_ID
		2	SECONDARY_INVENTORY_NAME

Database Triggers

Trigger Name : AX_MTL_SEC_INVENTORY_ARDI1
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT, DELETE

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 synchronizes the table MTL_SECONDARY_INVENTORIES and AX_SECONDARY_INVENTORIES. It ensure that a subinventory exists for every inventory organizations in AX_SECONDARY_INVENTORIES.

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

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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

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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_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_T2_BOM
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : DELETE

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_T2_VEH
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : UPDATE

This trigger exports Automotive specific Item data to CARaS to maintain data consistency whenever data in Oracle is changed. It calls the Automotive export launcher procedure which validates the Automotive specific data before it exports it to CARaS.

Item data comes from the following tables

ECE_TP_GROUP
ECE_TP_DETAILS
MTL_SYSTEM_ITEMS
MTL_CUSTOMER_ITEMS
MTL_CUSTOMER_ITEM_XREFS
VEH_MTL_CUSTOMER_ITEMS
WSH_CONTAINER_LOAD

The above tables have triggers to export Item data to CARaS.

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

Trigger Name : MTL_SYSTEM_ITEMS_T6_ICX
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT

This trigger places a re-index request on the ConText queue. The trigger is installed via a post-install step for Web Requisitions and is required only if this module is used. There is a prerequisite that ConText be installed.

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Trigger Name : MTL_SYSTEM_ITEMS_T7_ICX
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : UPDATE

This trigger places a re-index request on the ConText queue. The trigger is installed via a post-install step for Web Requisitions and is required only if this module is used. There is a prerequisite that ConText be installed.

Trigger Name : MTL_SYSTEM_ITEMS_T8_ICX
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : DELETE

This trigger places a re-index request on the ConText queue. The trigger is installed via a post-install step for Web Requisitions and is required only if this module is used. There is a prerequisite that ConText be installed.

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	This column contains Item translated description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
DESCRIPTION	NULL	VARCHAR2(240)	
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

MTL_TRANSACTION_REASONS

MTL_TRANSACTION_REASONS stores the the list of all transaction reasons that one might use across organizations in the transaction system. Transaction reasons are user setup data and are always optional in the Inventory transaction window.

Column Descriptions

Name	Null?	Type	Description
REASON_ID (PK)	NOT NULL	NUMBER	Reason 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
REASON_NAME	NOT NULL	VARCHAR2(30)	Reason name
DESCRIPTION	NULL	VARCHAR2(240)	Description of the reason
DISABLE_DATE	NULL	DATE	Date this reason is disabled
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
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_REASONS_U1	UNIQUE	1	REASON_ID

Sequences

Sequence	Derived Column
MTL_TRANSACTION_REASONS_S	REASON_ID

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)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
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

PA_TASKS

PA_TASKS stores user-defined subdivisions of project work. Tasks can be broken down into multiple levels of subtasks. The depth and width of the work breakdown structure (WBS) is unlimited.

The WBS is held using the TASK_ID and PARENT_TASK_ID columns. Two columns related to the WBS are denormalized: TOP_TASK_ID and WBS_LEVEL.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	CARRYING_OUT_ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	CARRYING_OUT_ORGANIZATION_ID
PA_CC_TP_SCHEDULES_BG	TP_SCHEDULE_ID	LABOR_TP_SCHEDULE_ID
PA_CC_TP_SCHEDULES_BG	TP_SCHEDULE_ID	NL_TP_SCHEDULE_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	COST_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	INV_IND_RATE_SCH_ID
PA_IND_RATE_SCHEDULES_ALL_BG	IND_RATE_SCH_ID	REV_IND_RATE_SCH_ID
PA_LABOR_COST_MULTIPLIERS	LABOR_COST_MULTIPLIER_NAME	LABOR_COST_MULTIPLIER_NAME
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID	LABOR_BILL_RATE_ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	STD_BILL_RATE_SCHEDULE	LABOR_STD_BILL_RATE_SCHDL
PA_STD_BILL_RATE_SCHEDULES_ALL	ORGANIZATION_ID	NON_LABOR_BILL_RATE_ORG_ID
PA_STD_BILL_RATE_SCHEDULES_ALL	STD_BILL_RATE_SCHEDULE	NON_LABOR_STD_BILL_RATE_SCHDL
PA_TASKS	TASK_ID	PARENT_TASK_ID
PA_TASKS	TASK_ID	TOP_TASK_ID
PER_ALL_PEOPLE_F	PERSON_ID	TASK_MANAGER_PERSON_ID
RA_ADDRESSES_ALL	ADDRESS_ID	ADDRESS_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LABOR_SCH_TYPE	PROJECT SCHEDULE TYPE	PA_LOOKUPS
	B	Bill Rate
	I	Indirect
NON_LABOR_SCH_TYPE	PROJECT SCHEDULE TYPE	PA_LOOKUPS
	B	Bill Rate
	I	Indirect
PM_PRODUCT_CODE	PM_PRODUCT_CODE	PA_LOOKUPS
SERVICE_TYPE_CODE	SERVICE TYPE	PA_LOOKUPS

Column Descriptions

Name	Null?	Type	Description
TASK_ID (PK)	NOT NULL	NUMBER(15)	The system-generated number that uniquely identifies the task
PROJECT_ID	NOT NULL	NUMBER(15)	The identifier of the project for which the task is a unit of work
TASK_NUMBER	NOT NULL	VARCHAR2(25)	User-defined number that uniquely identifies the task within a project. It is recommended to number tasks based on the wbs since that is how tasks are ordered in some reports. However note: task numbers do not record the wbs structure
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
TASK_NAME	NOT NULL	VARCHAR2(20)	User-defined short name of the task
TOP_TASK_ID	NOT NULL	NUMBER(15)	The identifier of the top task to which this task rolls up. If the task is a top task, the top_task_id is set to its own task_id.
WBS_LEVEL	NOT NULL	NUMBER(3)	The level of the task in the work breakdown structure
READY_TO_BILL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the task is authorized to be invoiced. The flag is set only for top tasks, defaults to 'Y' upon creation of the task and is set to 'Y' or 'N' in the Control Revenue and Billing by Top Task form
READY_TO_DISTRIBUTE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the task is authorized for revenue accrual. The flag is set only for top tasks, defaults to 'Y' upon creation of the task, and is set to 'Y' or 'N' in the Control Revenue and Billing by Top Task form
PARENT_TASK_ID	NULL	NUMBER(15)	The identifier of the task that is the parent of the task in the project work breakdown structure
DESCRIPTION	NULL	VARCHAR2(250)	Description of the task
CARRYING_OUT_ORGANIZATION_ID	NOT NULL	NUMBER(15)	The identifier of the organization that is responsible for the task work. The project organization is defaulted to the task organization upon creation of the task
SERVICE_TYPE_CODE	NULL	VARCHAR2(30)	The type of work performed on the task
TASK_MANAGER_PERSON_ID	NULL	NUMBER(9)	The identifier of the employee that manages the task.

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Column Descriptions (Continued)

Name	Null?	Type	Description
CHARGEABLE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if expenditure items can be charged to the task. Only lowest level tasks can be chargeable
BILLABLE_FLAG	NULL	VARCHAR2(1)	Default flag for items charged to the task that indicates if the item can accrue revenue (Y or N). For capital projects this flag is used as capitalizable_flag. For indirect projects this flag is set to N and is not used.
LIMIT_TO_TXN_CONTROLS_FLAG	NULL	VARCHAR2(1)	Flag that indicates if users can only charge expenditures to the task that are listed in task's transaction controls. If flag =Y, then only items listed in controls are allowed. If flag = 'N' or null, then items not listed are allowed
START_DATE	NULL	DATE	The date on which the task starts; expenditure items with item dates before the start date cannot be entered for the task
COMPLETION_DATE	NULL	DATE	The date on which the task is completed; expenditure items with item dates after the task completion date cannot be entered for the task. You must enter a start date to enter a completion date.
ADDRESS_ID	NULL	NUMBER(15)	The identifier of the customer address that is the task work site. This value is defaulted from the project customer work site if only one project customer exists
LABOR_BILL_RATE_ORG_ID	NULL	NUMBER(15)	The identifier of the organization that owns the labor standard bill rate schedule
LABOR_STD_BILL_RATE_SCHDL	NULL	VARCHAR2(20)	The labor standard bill rate schedule that is used to calculate revenue for labor expenditure items charged to the task
LABOR_SCHEDULE_FIXED_DATE	NULL	DATE	The date used to determine the effective bill rates of the task standard labor bill rate schedule. If no fixed date is entered, the expenditure item date is used to determine the effective bill rate for the item
LABOR_SCHEDULE_DISCOUNT	NULL	NUMBER(7,4)	The percentage to be discounted from the task standard labor bill rate schedule
NON_LABOR_BILL_RATE_ORG_ID	NULL	NUMBER(15)	The identifier of the organization that owns the non-labor standard bill rate schedule

Column Descriptions (Continued)

Name	Null?	Type	Description
NON_LABOR_STD_BILL_RATE_SCHDL	NULL	VARCHAR2(30)	The non-labor standard bill rate schedule that is used to calculate revenue for non-labor expenditure items charged to the task
NON_LABOR_SCHEDULE_FIXED_DATE	NULL	DATE	The fixed date used to determine the effective bill rates of the standard non-labor bill rate schedule. If no fixed date is entered, the expenditure item date is used to determine the effective bill rate of the item
NON_LABOR_SCHEDULE_DISCOUNT	NULL	NUMBER(7,4)	The percentage to be discounted from the task standard non-labor bill rate schedule
LABOR_COST_MULTIPLIER_NAME	NULL	VARCHAR2(20)	The labor cost multiplier defined for the task of a premium project. The labor cost multiplier is populated for all overtime expenditure items charged to the task upon manual entry of the items or in the Overtime Calculation program
REQUEST_ID	NULL	NUMBER(15)	Standard Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who Column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who Column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield context field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
COST_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default costing burden schedule
REV_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default revenue burden schedule
INV_IND_RATE_SCH_ID	NULL	NUMBER(15)	The identifier of default invoice burden schedule
COST_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm costing burden schedule
REV_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm revenue burden schedule
INV_IND_SCH_FIXED_DATE	NULL	DATE	The schedule fixed date of firm invoice burden schedule
LABOR_SCH_TYPE	NULL	VARCHAR2(1)	The schedule type of labor expenditure items
NON_LABOR_SCH_TYPE	NULL	VARCHAR2(1)	The schedule type of non-labor expenditure items
OVR_COST_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used
OVR_INV_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used
OVR_REV_IND_RATE_SCH_ID	NULL	NUMBER(15)	This column is not used

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Column Descriptions (Continued)

Name	Null?	Type	Description
PM_PRODUCT_CODE	NULL	VARCHAR2(30)	The identifier of the external project management system from which the task was imported.
PM_TASK_REFERENCE	NULL	VARCHAR2(25)	The identifier of the task in the external project management system from which the budget was imported.
ACTUAL_START_DATE	NULL	DATE	The actual start date of the project. Applicable only for a project that has originated from an external system.
ACTUAL_FINISH_DATE	NULL	DATE	The actual end date of the project. Applicable only for a project that has originated from an external system.
EARLY_START_DATE	NULL	DATE	The early start date of the project. Applicable only for a project that has originated from an external system.
EARLY_FINISH_DATE	NULL	DATE	The early finish date of the project. Applicable only for a project that has originated from an external system.
LATE_START_DATE	NULL	DATE	The late start date of the project. Applicable only for a project that has originated from an external system.
LATE_FINISH_DATE	NULL	DATE	The late finish date of the project. Applicable only for a project that has originated from an external system.
SCHEDULED_START_DATE	NULL	DATE	The scheduled start date of the project. Applicable only for a project that has originated from an external system.
SCHEDULED_FINISH_DATE	NULL	DATE	The scheduled finish date of the project. Applicable only for a project that has originated from an external system.
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.
ALLOW_CROSS_CHARGE_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether cross charge are allowed
PROJECT_RATE_DATE	NULL	DATE	Task level default value for project rate date
PROJECT_RATE_TYPE	NULL	VARCHAR2(30)	Task level default value for project rate type
CC_PROCESS_LABOR_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates cross charge processing is to be performed for labor transactions charged to the project. Default value for the project template is N. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date

Column Descriptions (Continued)

Name	Null?	Type	Description
LABOR_TP_SCHEDULE_ID	NOT NULL	NUMBER	Identifier for transfer price schedule to use for cross charged labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date. If cc_process_labor_flag is set to Y, this field is required
LABOR_TP_FIXED_DATE	NULL	DATE	Fixed date to find the effective rate of the bill rate or burden schedule when determining the transfer price for labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date
CC_PROCESS_NL_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates cross charge processing is to be performed for non-labor transactions charged to the project. Default value for the project template is N. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date
NL_TP_SCHEDULE_ID	NOT NULL	NUMBER	Identifier for transfer price schedule to use for cross charged non-labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date. If cc_process_nl_flag is set to Y, this field is required
NL_TP_FIXED_DATE	NULL	DATE	Fixed date to find the effective rate of the bill rate or burden schedule when determining the transfer price for non-labor transactions. This is defaulted to a project from the project template. This value for the project is a default for the task fixed date
RECEIVE_PROJECT_INVOICE_FLAG	NULL	VARCHAR2(1)	Flag that indicates that the task may receive charges from internal supplies via inter-project billing

Indexes

Index Name	Index Type	Sequence	Column Name
PA_TASKS_N1	NOT UNIQUE	1	LABOR_BILL_RATE_ORG_ID
		2	LABOR_STD_BILL_RATE_SCHDL
PA_TASKS_N2	NOT UNIQUE	1	CARRYING_OUT_ORGANIZATION_ID
PA_TASKS_N3	NOT UNIQUE	1	SERVICE_TYPE_CODE
PA_TASKS_N4	NOT UNIQUE	1	PARENT_TASK_ID
PA_TASKS_N5	NOT UNIQUE	1	NON_LABOR_BILL_RATE_ORG_ID
		2	NON_LABOR_STD_BILL_RATE_SCHDL
PA_TASKS_N6	NOT UNIQUE	1	TASK_MANAGER_PERSON_ID
PA_TASKS_N7	NOT UNIQUE	1	TOP_TASK_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PA_TASKS_N8	NOT UNIQUE	2	PROJECT_ID
		4	PM_TASK_REFERENCE
PA_TASKS_N9	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_TASKS_U1	UNIQUE	1	TASK_ID
PA_TASKS_U2	UNIQUE	1	PROJECT_ID
		2	TASK_NUMBER

Sequences

Sequence	Derived Column
PA_TASKS_S	TASK_ID

Database Triggers

Trigger Name : PA_ADW_TASKS_T1
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : UPDATE

This trigger maintains the ADW_NOTIFY_FLAG column for any updates to TOP_TASK_ID, DESCRIPTION, TASK_NUMBER, TASK_NAME, CARRYING_OUT_ORGANIZATION_ID, SERVICE_TYPE_CODE and PROJECT_ID columns. If the service_type_code or the carrying_out_organization_id is changed then it creates a record in PA_TASK_HISTORY table also.

Trigger Name : PA_ADW_TASKS_T2
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : INSERT

This trigger creates a new record into the PA_TASK_HISTORY table for new records created in PA_TASKS table.

PER_PEOPLE_F

PER_PEOPLE_F is a view based on the table PER_ALL_PEOPLE_F. It lists all of the people visible within the current security profile.

View Definition

```
CREATE VIEW PER_PEOPLE_F
as SELECT
    PERSON_ID
, EFFECTIVE_START_DATE
, EFFECTIVE_END_DATE
, BUSINESS_GROUP_ID
, PERSON_TYPE_ID
, LAST_NAME
, START_DATE
, APPLICANT_NUMBER
, COMMENT_ID
, CURRENT_APPLICANT_FLAG
, CURRENT_EMP_OR_APL_FLAG
, CURRENT_EMPLOYEE_FLAG
, DATE_EMPLOYEE_DATA_VERIFIED
, DATE_OF_BIRTH
, EMAIL_ADDRESS
, EMPLOYEE_NUMBER
, EXPENSE_CHECK_SEND_TO_ADDRESS
, FAST_PATH_EMPLOYEE
, FIRST_NAME
, FULL_NAME
, ORDER_NAME
, KNOWN_AS
, MARITAL_STATUS
, MIDDLE_NAMES
, NATIONALITY
, NATIONAL_IDENTIFIER
, PREVIOUS_LAST_NAME
, REGISTERED_DISABLED_FLAG
, SEX
, TITLE
, VENDOR_ID
, HR_GENERAL.GET_WORK_PHONE(PAP.PERSON_ID) WORK_TELEPHONE
, REQUEST_ID
, PROGRAM_APPLICATION_ID
, PROGRAM_ID
, PROGRAM_UPDATE_DATE
, ATTRIBUTE_CATEGORY
, ATTRIBUTE1
, ATTRIBUTE2
, ATTRIBUTE3
, ATTRIBUTE4
, ATTRIBUTE5
, ATTRIBUTE6
, ATTRIBUTE7
, ATTRIBUTE8
, ATTRIBUTE9
, ATTRIBUTE10
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, ATTRIBUTE24
, ATTRIBUTE25
, ATTRIBUTE26
, ATTRIBUTE27
, ATTRIBUTE28
, ATTRIBUTE29
, ATTRIBUTE30
, LAST_UPDATE_DATE
, LAST_UPDATED_BY
, LAST_UPDATE_LOGIN
, CREATED_BY
, CREATION_DATE
, PER_INFORMATION_CATEGORY
, PER_INFORMATION1
, PER_INFORMATION2
, PER_INFORMATION3
, PER_INFORMATION4
, PER_INFORMATION5
, PER_INFORMATION6
, PER_INFORMATION7
, PER_INFORMATION8
, PER_INFORMATION9
, PER_INFORMATION10
, PER_INFORMATION11
, PER_INFORMATION12
, PER_INFORMATION13
, PER_INFORMATION14
, PER_INFORMATION15
, PER_INFORMATION16
, PER_INFORMATION17
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, PER_INFORMATION22
, PER_INFORMATION23
, PER_INFORMATION24
, PER_INFORMATION25
, PER_INFORMATION26
, PER_INFORMATION27
, PER_INFORMATION28
, PER_INFORMATION29
, PER_INFORMATION30
, OBJECT_VERSION_NUMB

```

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```

        ER
, DATE_OF_DEATH
, SUFFIX
,WORK_SCHEDULE
,CORRESPONDENCE_LANGUAGE
,STUDENT_STATUS
,FTE_CAPACITY
,ON_MILITARY_SERVICE
,SECOND_PASSPORT_EXISTS
,BACKGROUND_CHECK_STATUS
,BACKGROUND_DATE_CHECK
,BLOOD_TYPE
,LAST_MEDICAL_TEST_DATE
,LAST_MEDICAL_TEST_BY
,REHIRE_RECOMMENDATION
,REHIRE_AUTHORIZOR
,REHIRE_REASON
,RESUME_EXISTS
,RESUME_LAST_UPDATED
,OFFICE_NUMBER
,INTERNAL_LOCATION
,MAILSTOP
,PROJECTED_START_DATE
,HONORS
,PRE_NAME_ADJUNCT
,HOLD_APPLICANT_DATE_UNTIL
,COORD_BEN_MED_PLN_NO
,COORD_BEN_NO_CVG_FLAG
,DPDNT_ADOPTION_DATE
,DPDNT_VLNTRY_SVCE_FLAG
,RECEIPT_OF_DEATH_CERT_DATE
,USES_TOBACCO_FLAG
,BENEFIT_GROUP_ID
,ORIGINAL_DATE_OF_HIRE

FROM PER_ALL_PEOPLE_F PAP
WHERE
DECODE(HR_SECURITY.VIEW_ALL , 'Y' , 'TRUE',
        HR_SECURITY.SHOW_RECORD( 'PER_ALL_PEOPLE_F' ,
                                PAP.PERSON_ID,
                                PAP.PERSON_TYPE_ID,
                                PAP.EMPLOYEE_NUMBER,PAP.APPLICANT_NUMBER
        )) = 'TRUE'

```

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FAST_PATH_EMPLOYEE	YES_NO	FND_COMMON_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
PERSON_ID	NOT NULL	NUMBER(10)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
EFFECTIVE_START_DATE	NOT NULL	DATE	Refer to base table.
EFFECTIVE_END_DATE	NOT NULL	DATE	Refer to base table.
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Refer to base table.
PERSON_TYPE_ID	NOT NULL	NUMBER(15)	Refer to base table.
LAST_NAME	NOT NULL	VARCHAR2(40)	Refer to base table.
START_DATE	NOT NULL	DATE	Refer to base table.
APPLICANT_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
COMMENT_ID	NULL	NUMBER(15)	Refer to base table.
CURRENT_APPLICANT_FLAG	NULL	VARCHAR2(30)	Refer to base table.
CURRENT_EMP_OR_APL_FLAG	NULL	VARCHAR2(30)	Refer to base table.
CURRENT_EMPLOYEE_FLAG	NULL	VARCHAR2(30)	Refer to base table.
DATE_EMPLOYEE_DATA_VERIFIED	NULL	DATE	Refer to base table.
DATE_OF_BIRTH	NULL	DATE	Refer to base table.
EMAIL_ADDRESS	NULL	VARCHAR2(240)	Refer to base table.
EMPLOYEE_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
EXPENSE_CHECK_SEND_TO_ADDRESS	NULL	VARCHAR2(30)	Refer to base table.
FAST_PATH_EMPLOYEE	NULL	VARCHAR2(30)	Refer to base table.
FIRST_NAME	NULL	VARCHAR2(20)	Refer to base table.
FULL_NAME	NULL	VARCHAR2(240)	Refer to base table.
ORDER_NAME	NULL	VARCHAR2(240)	Refer to base table.
KNOWN_AS	NULL	VARCHAR2(80)	Refer to base table.
MARITAL_STATUS	NULL	VARCHAR2(30)	Refer to base table.
MIDDLE_NAMES	NULL	VARCHAR2(60)	Refer to base table.
NATIONALITY	NULL	VARCHAR2(30)	Refer to base table.
NATIONAL_IDENTIFIER	NULL	VARCHAR2(30)	Refer to base table.
PREVIOUS_LAST_NAME	NULL	VARCHAR2(40)	Refer to base table.
REGISTERED_DISABLED_FLAG	NULL	VARCHAR2(30)	Refer to base table.
SEX	NULL	VARCHAR2(30)	Refer to base table.
TITLE	NULL	VARCHAR2(30)	Refer to base table.
VENDOR_ID	NULL	NUMBER(15)	Refer to base table.
WORK_TELEPHONE	NULL	VARCHAR2(60)	Refer to base table.
REQUEST_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_ID	NULL	NUMBER(15)	Refer to base table.
PROGRAM_UPDATE_DATE	NULL	DATE	Refer to base table.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE6	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE7	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE8	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE9	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE10	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE11	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE12	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE13	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE14	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE15	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE16	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE17	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE18	NULL	VARCHAR2(150)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE19	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE20	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE21	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE22	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE23	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE24	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE25	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE26	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE27	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE28	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE29	NULL	VARCHAR2(150)	Refer to base table.
ATTRIBUTE30	NULL	VARCHAR2(150)	Refer to base table.
LAST_UPDATE_DATE	NULL	DATE	Refer to base table.
LAST_UPDATED_BY	NULL	NUMBER(15)	Refer to base table.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Refer to base table.
CREATED_BY	NULL	NUMBER(15)	Refer to base table.
CREATION_DATE	NULL	DATE	Refer to base table.
PER_INFORMATION_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
PER_INFORMATION1	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION2	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION3	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION4	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION5	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION6	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION7	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION8	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION9	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION10	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION11	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION12	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION13	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION14	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION15	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION16	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION17	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION18	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION19	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION20	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION21	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION22	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION23	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION24	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION25	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION26	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION27	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION28	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION29	NULL	VARCHAR2(150)	Refer to base table.
PER_INFORMATION30	NULL	VARCHAR2(150)	Refer to base table.
OBJECT_VERSION_NUMBER	NULL	NUMBER(9)	Refer to base table.
DATE_OF_DEATH	NULL	DATE	Refer to base table.
SUFFIX	NULL	VARCHAR2(30)	Refer to base table.
WORK_SCHEDULE	NULL	VARCHAR2(30)	Refer to base table.
CORRESPONDENCE_LANGUAGE	NULL	VARCHAR2(30)	Refer to base table.
STUDENT_STATUS	NULL	VARCHAR2(30)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
FTE_CAPACITY	NULL	NUMBER(5,2)	Refer to base table.
ON_MILITARY_SERVICE	NULL	VARCHAR2(30)	Refer to base table.
SECOND_PASSPORT_EXISTS	NULL	VARCHAR2(30)	Refer to base table.
BACKGROUND_CHECK_STATUS	NULL	VARCHAR2(30)	Refer to base table.
BACKGROUND_DATE_CHECK	NULL	DATE	Refer to base table.
BLOOD_TYPE	NULL	VARCHAR2(30)	Refer to base table.
LAST_MEDICAL_TEST_DATE	NULL	DATE	Refer to base table.
LAST_MEDICAL_TEST_BY	NULL	VARCHAR2(60)	Refer to base table.
REHIRE_RECOMMENDATION	NULL	VARCHAR2(30)	Refer to base table.
REHIRE_AUTHORIZOR	NULL	VARCHAR2(30)	Refer to base table.
REHIRE_REASON	NULL	VARCHAR2(60)	Refer to base table.
RESUME_EXISTS	NULL	VARCHAR2(30)	Refer to base table.
RESUME_LAST_UPDATED	NULL	DATE	Refer to base table.
OFFICE_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
INTERNAL_LOCATION	NULL	VARCHAR2(30)	Refer to base table.
MAILSTOP	NULL	VARCHAR2(30)	Refer to base table.
PROJECTED_START_DATE	NULL	DATE	Refer to base table.
HONORS	NULL	VARCHAR2(30)	Refer to base table.
PRE_NAME_ADJUNCT	NULL	VARCHAR2(30)	Refer to base table.
HOLD_APPLICANT_DATE_UNTIL	NULL	DATE	Refer to base table.
COORD_BEN_MED_PLN_NO	NULL	VARCHAR2(30)	Refer to base table.
COORD_BEN_NO_CVG_FLAG	NULL	VARCHAR2(30)	Refer to base table.
DPDNT_ADOPTION_DATE	NULL	DATE	Refer to base table.
DPDNT_VLNTRY_SVCE_FLAG	NULL	VARCHAR2(30)	Refer to base table.
RECEIPT_OF_DEATH_CERT_DATE	NULL	DATE	Refer to base table.
USES_TOBACCO_FLAG	NULL	VARCHAR2(30)	Refer to base table.
BENEFIT_GROUP_ID	NULL	NUMBER(15)	Refer to base table.
ORIGINAL_DATE_OF_HIRE	NULL	DATE	Refer to base table.

PO_HEADERS_ALL

PO_HEADERS_ALL contains header information for your purchasing documents. You need one row for each document you create. There are six types of documents that use PO_HEADERS_ALL:

- RFQs
- Quotations
- Standard purchase orders
- Planned purchase orders
- Blanket purchase orders
- Contracts

Each row contains buyer information, supplier information, brief notes, foreign currency information, terms and conditions information, and the status of the document.

Oracle Purchasing uses this information to record information that is related to a complete document.

PO_HEADER_ID is the unique system-generated primary key and is invisible to the user. SEGMENT1 is the system-assigned number you use to identify the document in forms and reports. Oracle Purchasing generates SEGMENT1 using the PO_UNIQUE_IDENTIFIER_CONT_ALL table if you choose to let Oracle Purchasing generate document numbers for you. SEGMENT1 is not unique for the entire table. Different document types can share the same numbers. You can uniquely identify a row in PO_HEADERS_ALL using SEGMENT1 and TYPE_LOOKUP_CODE or using

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PO_HEADER_ID.

If APPROVED_FLAG is 'Y', the purchase order is approved. If your document type is a blanket purchase order, contract purchase order, RFQ, or quotation, Oracle Purchasing uses START_DATE and END_DATE to store the valid date range for the document. Oracle Purchasing only uses BLANKET_TOTAL_AMOUNT for blanket purchase orders or contract purchase orders.

If you autocreate a quotation from an RFQ using the Copy Document window, Oracle Purchasing stores the foreign key to your original RFQ in FROM_HEADER_ID. Oracle Purchasing also uses FROM_TYPE_LOOKUP_CODE to indicate that you copied the quotation from an RFQ.

Oracle Purchasing does not use SUMMARY_FLAG and ENABLED_FLAG. Because future versions of Oracle Purchasing will use them, SUMMARY_FLAG and ENABLED_FLAG should always be 'N' and 'Y' respectively.

You enter document header information in the Header region of the Purchase Orders, RFQs, and Quotations windows.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
HR_LOCATIONS_ALL	LOCATION_ID	SHIP_TO_LOCATION_ID
HR_LOCATIONS_ALL	LOCATION_ID	BILL_TO_LOCATION_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	QUOTE_WARNING_DELAY_UNIT
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_AGENTS	AGENT_ID	AGENT_ID
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_SUBTYPE	TYPE_LOOKUP_CODE
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_SUBTYPE	QUOTE_TYPE_LOOKUP_CODE
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_SUBTYPE	FROM_TYPE_LOOKUP_CODE
PO_HEADERS_ALL	PO_HEADER_ID	FROM_HEADER_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_CONTACTS	VENDOR_CONTACT_ID	VENDOR_CONTACT_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	AUTHORIZATION STATUS	PO_LOOKUP_CODES
	APPROVED	Document has been Approved
	CANCELLED	Document has been Cancelled
	IN PROCESS	Document is still undergoing Approval
	INCOMPLETE	Document is not yet Complete
	PRE-APPROVED	Document is Approved but not yet Accepted
	REJECTED	Document as been Rejected
	REQUIRES REAPPROVAL	Requires Reapproval
	RETURNED	Document has been Returned
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Ap- proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can- celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under- going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Re- jected
	REQUIRES REAPPROVAL	The Document has been changed since it was Ap- proved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Re- turned by a Buyer
	UNFROZEN	The Document is Not Frozen
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
QUOTATION_CLASS_CODE	QUOTATION CLASS	PO_LOOKUP_CODES
	BID	Bid Quotation
	CATALOG	Catalog Quotation
STATUS_LOOKUP_CODE	RFQ/QUOTE STATUS	PO_LOOKUP_CODES
	A	Active
	C	Closed
	I	In Process
	P	Printed

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Column Descriptions

Name	Null?	Type	Description
PO_HEADER_ID (PK)	NOT NULL	NUMBER	Document header unique identifier
AGENT_ID	NOT NULL	NUMBER(9)	Buyer unique identifier
TYPE_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Type of the document
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
SEGMENT1	NOT NULL	VARCHAR2(20)	Document number
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key Flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key Flexfield enabled flag
SEGMENT2	NULL	VARCHAR2(20)	Key Flexfield segment column
SEGMENT3	NULL	VARCHAR2(20)	Key Flexfield segment column
SEGMENT4	NULL	VARCHAR2(20)	Key Flexfield segment column
SEGMENT5	NULL	VARCHAR2(20)	Key Flexfield segment column
START_DATE_ACTIVE	NULL	DATE	Key Flexfield start date
END_DATE_ACTIVE	NULL	DATE	Key Flexfield end date
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site unique identifier
VENDOR_CONTACT_ID	NULL	NUMBER	Supplier contact unique identifier
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship-to location unique identifier
BILL_TO_LOCATION_ID	NULL	NUMBER	Bill-to location unique identifier
TERMS_ID	NULL	NUMBER	Payment terms unique identifier
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of carrier to be used
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of free-on-board terms for the document
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of freight terms for the document
STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	Status of the RFQ or Quotation
CURRENCY_CODE	NULL	VARCHAR2(15)	Unique identifier for the currency
RATE_TYPE	NULL	VARCHAR2(30)	Currency conversion rate type
RATE_DATE	NULL	DATE	Currency conversion date
RATE	NULL	NUMBER	Currency conversion rate
FROM_HEADER_ID	NULL	NUMBER	Unique identifier of the RFQ used to autocreate a quotation
FROM_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Document type of the document used to autocreate another document
START_DATE	NULL	DATE	Date the document becomes effective
END_DATE	NULL	DATE	Expiration date of the document
BLANKET_TOTAL_AMOUNT	NULL	NUMBER	Amount agreed for the planned or blanket purchase order
AUTHORIZATION_STATUS	NULL	VARCHAR2(25)	Authorization status of the purchase order
REVISION_NUM	NULL	NUMBER	Document revision number
REVISED_DATE	NULL	DATE	Date the document was last revised
APPROVED_FLAG	NULL	VARCHAR2(1)	Indicates whether the purchase order is approved or not
APPROVED_DATE	NULL	DATE	Date the purchase order was last approved

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Column Descriptions (Continued)

Name	Null?	Type	Description
AMOUNT_LIMIT	NULL	NUMBER	Maximum amount that can be released against the purchase order (blanket, contract, or planned)
MIN_RELEASE_AMOUNT	NULL	NUMBER	Minimum amount that can be released against a blanket or planned purchase order
NOTE_TO_AUTHORIZER	NULL	VARCHAR2(240)	Not currently used
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Note to the supplier
NOTE_TO_RECEIVER	NULL	VARCHAR2(240)	Note to the receiver of the purchase order
PRINT_COUNT	NULL	NUMBER	Number of times the document was printed
PRINTED_DATE	NULL	DATE	Date the document was last printed
VENDOR_ORDER_NUM	NULL	VARCHAR2(25)	No longer used
CONFIRMING_ORDER_FLAG	NULL	VARCHAR2(1)	Indicates whether the purchase order is a confirming order or not
COMMENTS	NULL	VARCHAR2(240)	Descriptive comments for the document
REPLY_DATE	NULL	DATE	Date the supplier replied to the RFQ
REPLY_METHOD_LOOKUP_CODE	NULL	VARCHAR2(25)	Method the supplier should use to reply to the RFQ
RFQ_CLOSE_DATE	NULL	DATE	Date the RFQ will be closed
QUOTE_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of quotation
QUOTATION_CLASS_CODE	NULL	VARCHAR2(25)	Class of quotation
QUOTE_WARNING_DELAY_UNIT	NULL	VARCHAR2(25)	Warning delay unit of measure (Unused since release 7.0)
QUOTE_WARNING_DELAY	NULL	NUMBER	Number of days prior to the expiration of the quotation that you want to be notified
QUOTE_VENDOR_QUOTE_NUMBER	NULL	VARCHAR2(25)	Number of the quotation for the supplier
ACCEPTANCE_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether acceptance from the supplier is required or not
ACCEPTANCE_DUE_DATE	NULL	DATE	Date by which the supplier should accept the purchase order
CLOSED_DATE	NULL	DATE	Date the document was closed
USER_HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether the purchase order is on hold or not
APPROVAL_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether a quote or RFQ requires approval
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the purchase order is cancelled or not
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(30)	Indicates whether you want to prevent this purchase order from being automatically rescheduled by your manufacturing application
FIRM_DATE	NULL	DATE	Date from which the purchase order is firmed
FROZEN_FLAG	NULL	VARCHAR2(1)	Indicates whether the document is frozen or not
SUPPLY_AGREEMENT_FLAG	NULL	VARCHAR2(1)	Supply agreement flag for Supplier Scheduling
EDI_PROCESSED_FLAG	NULL	VARCHAR2(1)	EDI processed flag
EDI_PROCESSED_STATUS	NULL	VARCHAR2(10)	EDI processing status flag

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CLOSED_CODE	NULL	VARCHAR2(25)	Describes the closure status of the document
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ORG_ID	NULL	NUMBER	Operating unit unique identifier
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

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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
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(25)	Audit trail reference (needed for 832 EDI transaction)
REFERENCE_NUM	NULL	VARCHAR2(25)	Audit trail reference (needed for 832 EDI transaction)
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Workflow approval item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Workflow approval item key
MRC_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion rate type pairs
MRC_RATE_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion date pairs
MRC_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion rate pairs
PCARD_ID	NULL	NUMBER(15)	Unique identifier for the procurement card used for the order
PRICE_UPDATE_TOLERANCE	NULL	NUMBER	Maximum percentage increase allowed in price/sales catalog update (832 EDI transaction) sent by supplier
PAY_ON_CODE	NULL	VARCHAR2(25)	Indicator of whether the purchase order will be paid upon receipt

Indexes

Index Name	Index Type	Sequence	Column Name
PO_HEADERS_N1	NOT UNIQUE	1	VENDOR_ID
		2	VENDOR_SITE_ID
PO_HEADERS_N2	NOT UNIQUE	1	CREATION_DATE
PO_HEADERS_N3	NOT UNIQUE	1	AGENT_ID
PO_HEADERS_N4	NOT UNIQUE	1	FROM_HEADER_ID
PO_HEADERS_N5	NOT UNIQUE	1	WF_ITEM_TYPE
		2	WF_ITEM_KEY
PO_HEADERS_U1	UNIQUE	1	PO_HEADER_ID
PO_HEADERS_U2	UNIQUE	1	SEGMENT1
		2	TYPE_LOOKUP_CODE
		3	ORG_ID

Sequences

Sequence	Derived Column
PO_HEADERS_S	PO_HEADER_ID

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Database Triggers

Trigger Name : PO_MRC_HEADERS_BIUD
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : INSERT, UPDATE, DELETE

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

PO_RELEASES_ALL

PO_RELEASES_ALL contains information about blanket and planned purchase order releases. You need one row for each release you issue for a blanket or planned purchase order. Each row includes the buyer, date, release status, and release number. Each release must have at least one purchase order shipment (PO_LINE_LOCATIONS_ALL). RELEASE_NUM is the number you assign to the release.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PO_AGENTS	AGENT_ID	HOLD_BY
PO_AGENTS	AGENT_ID	AGENT_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Approved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Cancelled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still undergoing Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Rejected
	REQUIRES REAPPROVAL	The Document has been changed since it was Approved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Returned by a Buyer
	UNFROZEN	The Document is Not Frozen

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Ap- proved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Can- celled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still under- going Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE-APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Re- jected
	REQUIRES REAPPROVAL	The Document has been changed since it was Ap- proved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Re- turned by a Buyer
	UNFROZEN	The Document is Not Frozen

Column Descriptions

Name	Null?	Type	Description
PO_RELEASE_ID (PK)	NOT NULL	NUMBER	Release unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
RELEASE_NUM	NOT NULL	NUMBER	Release number
AGENT_ID	NOT NULL	NUMBER(9)	Buyer unique identifier
RELEASE_DATE	NOT NULL	DATE	Date of the release
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
REVISION_NUM	NULL	NUMBER	Release revision number
REVISED_DATE	NULL	DATE	Last revision date
APPROVED_FLAG	NULL	VARCHAR2(1)	Indicates whether the release is approved or not
APPROVED_DATE	NULL	DATE	Date the release was approved
PRINT_COUNT	NULL	NUMBER	Number of times the release was printed
PRINTED_DATE	NULL	DATE	Date the release was printed

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACCEPTANCE_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether an acceptance is required or not
ACCEPTANCE_DUE_DATE	NULL	DATE	Date the acceptance is due
HOLD_BY	NULL	NUMBER(9)	Unique identifier of the employee who placed the release on hold (Unused since release version 8.0)
HOLD_DATE	NULL	DATE	Date the release was placed on hold (Unused since release version 8.0)
HOLD_REASON	NULL	VARCHAR2(240)	Reason the release was placed on hold (Unused since release version 8.0)
HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether the release is on hold or not
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the release is cancelled or not
CANCELLED_BY	NULL	NUMBER(9)	Unique identifier of the employee who cancelled the release
CANCEL_DATE	NULL	DATE	Date the release was cancelled
CANCEL_REASON	NULL	VARCHAR2(240)	Reason for cancellation
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	Firm status
FIRM_DATE	NULL	DATE	Date the release becomes firmed
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
AUTHORIZATION_STATUS	NULL	VARCHAR2(25)	Authorization status of the release
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
CLOSED_CODE	NULL	VARCHAR2(25)	Describes the closure status of the release
FROZEN_FLAG	NULL	VARCHAR2(1)	Indicates whether the release is frozen or not
RELEASE_TYPE	NULL	VARCHAR2(25)	Describes whether release is for a blanket or planned purchase order
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Note to the supplier

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORG_ID	NULL	NUMBER	Operating unit unique identifier
EDI_PROCESSED_FLAG	NULL	VARCHAR2(1)	This flag is used by e-Commerce Gateway to identify documents that have been sent via EDI. This flag is updated to Y by the e-Commerce Gateway extraction routines.
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Approval workflow item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Approval workflow item key
PCARD_ID	NULL	NUMBER(15)	Unique identifier for the procurement card used for the order
PAY_ON_CODE	NULL	VARCHAR2(25)	Indicator of whether the release will be paid upon receipt

Indexes

Index Name	Index Type	Sequence	Column Name
PO_RELEASES_N1	NOT UNIQUE	1	AGENT_ID
PO_RELEASES_N2	NOT UNIQUE	1	WF_ITEM_TYPE
		2	WF_ITEM_KEY
PO_RELEASES_U1	UNIQUE	1	PO_RELEASE_ID
PO_RELEASES_U2	UNIQUE	1	PO_HEADER_ID
		2	RELEASE_NUM

Sequences

Sequence	Derived Column
PO_RELEASES_S	PO_RELEASE_ID

PO_VENDORS

PO_VENDORS stores information about your suppliers. You need one row for each supplier you define. Each row includes the supplier name as well as purchasing, receiving, payment, accounting, tax, classification, and general information. Oracle Purchasing uses this information to determine active suppliers. VENDOR_ID is the unique system-generated receipt header number invisible to the user. SEGMENT1 is the system-generated or manually assigned number you use to identify the supplier in forms and reports. Oracle Purchasing generates SEGMENT1 using the PO_UNIQUE_IDENTIFIER_CONTROL table if you choose to let Oracle Purchasing generate supplier numbers for you. This table is one of three tables that store supplier information. PO_VENDORS corresponds to the Suppliers window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_DISTRIBUTION_SETS_ALL	DISTRIBUTION_SET_ID	DISTRIBUTION_SET_ID
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PAYMENT_CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCTS_PAY_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISC_LOST_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISC_TAKEN_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PREPAY_CODE_COMBINATION_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_AGENTS	AGENT_ID	HOLD_BY
PO_VENDORS	VENDOR_ID	PARENT_VENDOR_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CREDIT_STATUS_LOOKUP_CODE	CREDIT STATUS	PO_LOOKUP_CODES
	GOOD	Good credit status
	POOR	Bad credit status
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
ORGANIZATION_TYPE_LOOKUP_CODE	ORGANIZATION TYPE	PO_LOOKUP_CODES
	CORPORATION	Corporation
	FOREIGN CORPORATION	Foreign Corporation
	FOREIGN GOVERNMENT AGENCY	Foreign Government Agency
	FOREIGN INDIVIDUAL	Foreign Individual
	FOREIGN PARTNERSHIP	Foreign Partnership
	GOVERNMENT AGENCY	Government Agency
	INDIVIDUAL	Individual
	PARTNERSHIP	Partnership
PAYMENT_METHOD_LOOKUP_CODE	PAYMENT METHOD	AP_LOOKUP_CODES

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
PAY_DATE_BASIS_LOOKUP_CODE	PAY DATE BASIS	PO_LOOKUP_CODES
	DISCOUNT	Pay on Discount Date
	DUE	Pay on Due Date
QTY_RCV_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
RECEIPT_DAYS_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
VENDOR_TYPE_LOOKUP_CODE	VENDOR TYPE	PO_LOOKUP_CODES
	EMPLOYEE	Employee
	VENDOR	Vendor
WITHHOLDING_STATUS_LOOKUP_CODE	WITHHOLDING STATUS	PO_LOOKUP_CODES
	EXEMPT	Supplier is not subject to withholding
	INCORRECT TIN	IRS informs of incorrect TIN. Begin withholding in 30 days.
	IRS WITHHOLD	IRS requests immediate withholding
	MISSING TIN	Begin withholding immediately
	WAIT 60 DAYS	Wait for 60 days for supplier to send TIN, then withhold
	WAIT INDEFINITELY	Wait for TIN, but do not begin withholding

Column Descriptions

Name	Null?	Type	Description
VENDOR_ID (PK)	NOT NULL	NUMBER	Supplier unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
VENDOR_NAME	NOT NULL	VARCHAR2(80)	Supplier name
VENDOR_NAME_ALT	NULL	VARCHAR2(320)	Alternate supplier name for kana value
SEGMENT1	NOT NULL	VARCHAR2(30)	Supplier number
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag
SEGMENT2	NULL	VARCHAR2(30)	Key flexfield summary flag
SEGMENT3	NULL	VARCHAR2(30)	Key flexfield summary flag
SEGMENT4	NULL	VARCHAR2(30)	Key flexfield summary flag
SEGMENT5	NULL	VARCHAR2(30)	Key flexfield summary flag
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
EMPLOYEE_ID	NULL	NUMBER	Employee unique identifier if the supplier is an employee
VENDOR_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Supplier type

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Column Descriptions (Continued)

Name	Null?	Type	Description
CUSTOMER_NUM	NULL	VARCHAR2(25)	Customer number with the supplier
ONE_TIME_FLAG	NULL	VARCHAR2(1)	Indicates whether the supplier is a one-time supplier
PARENT_VENDOR_ID	NULL	NUMBER	Unique identifier of the parent supplier
MIN_ORDER_AMOUNT	NULL	NUMBER	Minimum purchase order amount
SHIP_TO_LOCATION_ID	NULL	NUMBER	Default ship-to location unique identifier
BILL_TO_LOCATION_ID	NULL	NUMBER	Default bill-to location unique identifier
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Default carrier type
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Default freight terms type
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Default free-on-board type
TERMS_ID	NULL	NUMBER	Payment terms unique identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books unique identifier
CREDIT_STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	No longer used
CREDIT_LIMIT	NULL	NUMBER	Not used
ALWAYS_TAKE_DISC_FLAG	NULL	VARCHAR2(1)	Indicator of whether Oracle Payables should always take a discount for the supplier
PAY_DATE_BASIS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of payment date basis
PAY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Payment group type
PAYMENT_PRIORITY	NULL	NUMBER	Payment priority
INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Default currency unique identifier
PAYMENT_CURRENCY_CODE	NULL	VARCHAR2(15)	Default payment currency unique identifier
INVOICE_AMOUNT_LIMIT	NULL	NUMBER	Maximum amount per invoice
EXCHANGE_DATE_LOOKUP_CODE	NULL	VARCHAR2(25)	No longer used
HOLD_ALL_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place all payments for this supplier on hold or not
HOLD_FUTURE_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place unapproved payments for this supplier on hold or not
HOLD_REASON	NULL	VARCHAR2(240)	Reason for placing the supplier on payment hold
DISTRIBUTION_SET_ID	NULL	NUMBER	Distribution set unique identifier
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the supplier liability account
DISC_LOST_CODE_COMBINATION_ID	NULL	NUMBER	No longer used
DISC_TAKEN_CODE_COMBINATION_ID	NULL	NUMBER	No longer used
EXPENSE_CODE_COMBINATION_ID	NULL	NUMBER	Not used
PREPAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the general ledger account for prepayment
NUM_1099	NULL	VARCHAR2(30)	Tax identification number
TYPE_1099	NULL	VARCHAR2(10)	Type of 1099
WITHHOLDING_STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	Withholding status type
WITHHOLDING_START_DATE	NULL	DATE	Withholding start date
ORGANIZATION_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	IRS organization type
VAT_CODE	NULL	VARCHAR2(15)	VAT code
START_DATE_ACTIVE	NULL	DATE	Key flexfield start date
END_DATE_ACTIVE	NULL	DATE	Key flexfield end date
MINORITY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of minority-owned business

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Column Descriptions (Continued)

Name	Null?	Type	Description
PAYMENT_METHOD_LOOKUP_CODE	NULL	VARCHAR2(25)	Default payment method type
BANK_ACCOUNT_NAME	NULL	VARCHAR2(80)	Name of the supplier bank account
BANK_ACCOUNT_NUM	NULL	VARCHAR2(30)	Number of the supplier bank account
BANK_NUM	NULL	VARCHAR2(25)	Bank number for the supplier
BANK_ACCOUNT_TYPE	NULL	VARCHAR2(25)	Type of bank account
WOMEN_OWNED_FLAG	NULL	VARCHAR2(1)	Indicates whether the supplier is a woman-owned business
SMALL_BUSINESS_FLAG	NULL	VARCHAR2(1)	Indicates that the supplier is a small business
STANDARD_INDUSTRY_CLASS	NULL	VARCHAR2(25)	Standard industry classification number
HOLD_FLAG	NULL	VARCHAR2(1)	Indicator of whether the supplier is on purchasing hold
PURCHASING_HOLD_REASON	NULL	VARCHAR2(240)	Reason for placing the supplier on purchasing hold
HOLD_BY	NULL	NUMBER(9)	Unique identifier for the employee who placed the supplier on hold
HOLD_DATE	NULL	DATE	Date the supplier was placed on purchasing hold
TERMS_DATE_BASIS	NULL	VARCHAR2(25)	Type of invoice payment schedule basis
PRICE_TOLERANCE	NULL	NUMBER	Not used
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether inspection is required or not
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether shipment must be received before the invoice is paid
QTY_RCV_TOLERANCE	NULL	NUMBER	Quantity received tolerance percentage
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Enforces, warns, or ignores quantity receiving tolerance
ENFORCE_SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(25)	Action to be taken when the receiving location differs from the ship-to location
DAYS_EARLY_RECEIPT_ALLOWED	NULL	NUMBER	Maximum acceptable number of days items can be received early
DAYS_LATE_RECEIPT_ALLOWED	NULL	NUMBER	Maximum acceptable number of days items can be received late
RECEIPT_DAYS_EXCEPTION_CODE	NULL	VARCHAR2(25)	Action to be taken when items are received earlier or later than the allowed number of days specified
RECEIVING_ROUTING_ID	NULL	NUMBER	Receipt routing unique identifier
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Indicates whether substitute items can be received in place of the ordered items
ALLOW_UNORDERED_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Indicates whether unordered receipts are allowed
HOLD_UNMATCHED_INVOICES_FLAG	NULL	VARCHAR2(1)	Indicates whether unmatched invoices should be put on hold
EXCLUSIVE_PAYMENT_FLAG	NULL	VARCHAR2(1)	Indicates exclusive payment
AP_TAX_ROUNDING_RULE	NULL	VARCHAR2(1)	Determines the rounding rule for tax values
AUTO_TAX_CALC_FLAG	NULL	VARCHAR2(1)	Supplier level where the tax calculation is done

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Column Descriptions (Continued)

Name	Null?	Type	Description
AUTO_TAX_CALC_OVERRIDE	NULL	VARCHAR2(1)	Allows override of tax calculation at supplier site level
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	Do amounts include tax from this supplier?
TAX_VERIFICATION_DATE	NULL	DATE	Tax verification date
NAME_CONTROL	NULL	VARCHAR2(4)	Name control
STATE_REPORTABLE_FLAG	NULL	VARCHAR2(1)	State reportable flag
FEDERAL_REPORTABLE_FLAG	NULL	VARCHAR2(1)	Federal reportable flag
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
OFFSET_VAT_CODE	NULL	VARCHAR2(20)	No longer used
VAT_REGISTRATION_NUM	NULL	VARCHAR2(20)	VAT registration number
AUTO_CALCULATE_INTEREST_FLAG	NULL	VARCHAR2(1)	Indicates whether interest is to be automatically calculated
VALIDATION_NUMBER	NULL	NUMBER	Validation number
EXCLUDE_FREIGHT_FROM_DISCOUNT	NULL	VARCHAR2(1)	Exclude supplier freight from discount amount
TAX_REPORTING_NAME	NULL	VARCHAR2(80)	Tax reporting method name
CHECK_DIGITS	NULL	VARCHAR2(30)	Check number used by Payables
BANK_NUMBER	NULL	VARCHAR2(30)	Bank number for Accounts Payable
ALLOW_AWT_FLAG	NULL	VARCHAR2(1)	Indicator of whether Allow Withholding Tax is enabled
AWT_GROUP_ID	NULL	NUMBER(15)	Unique identifier for the withholding tax group
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country-specific functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country-specific functionality
EDI_TRANSACTION_HANDLING	NULL	VARCHAR2(25)	Defines whether this supplier is an EDI partner
EDI_PAYMENT_METHOD	NULL	VARCHAR2(25)	How payment is to be made through EDI. Valid methods are ACH, BOP, CWT, FEW, FWT, and SWT.
EDI_PAYMENT_FORMAT	NULL	VARCHAR2(25)	Type of information being transmitted with the funds if using EDI_PAYMENT_METHOD ACH. Valid values are CCD, CCP, CTP, CTX, PPD, and PPP.
EDI_REMITTANCE_METHOD	NULL	VARCHAR2(25)	How remittance advice will be sent to the supplier
EDI_REMITTANCE_INSTRUCTION	NULL	VARCHAR2(256)	Who will send the remittance advice. Valid values are Bank or payables system.
BANK_CHARGE_BEARER	NULL	VARCHAR2(1)	Indicator of whether this supplier bears bank charges
BANK_BRANCH_TYPE	NULL	VARCHAR2(25)	Which list the bank routing number is on. Valid type are ABA, CHIPS, SWIFT and OTHER.
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether to match invoices to the purchase order or the receipt for this supplier
FUTURE_DATED_PAYMENT_CCID	NULL	NUMBER(15)	Accounting Flexfield identifier for the future dated payment account
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(25)	Indicator of whether a debit memo should be created
OFFSET_TAX_FLAG	NULL	VARCHAR2(1)	Indicator of whether the supplier uses offset taxes

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Indexes

Index Name	Index Type	Sequence	Column Name
PO_VENDORS_N1	NOT UNIQUE	1	EMPLOYEE_ID
PO_VENDORS_N2	NOT UNIQUE	1	NUM_1099
PO_VENDORS_U1	UNIQUE	1	VENDOR_ID
PO_VENDORS_U2	UNIQUE	1	VENDOR_NAME
PO_VENDORS_U3	UNIQUE	1	SEGMENT1

Sequences

Sequence	Derived Column
PO_VENDORS_S	VENDOR_ID

QA_ACTIONS

QA_ACTIONS stores the master list of actions available in Oracle Quality. Each row of the table defines one action and provides its description. Actions may be enabled or disabled as indicated by the flag ENABLED_FLAG and may be visible to the user or run in the background. All enabled actions in this table are available to users during collection element and collection plan definitions and are triggered during results entry. All information in the table is pre-seeded and should not be changed.

Column Descriptions

Name	Null?	Type	Description
ACTION_ID (PK)	NOT NULL	NUMBER	Action 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
DESCRIPTION	NOT NULL	VARCHAR2(80)	Action description
ONLINE_FLAG	NOT NULL	NUMBER	Online or background action indicator flag
ENABLED_FLAG	NOT NULL	NUMBER	Flag to enable or disable action. A value of 1 means action is enabled, 2 means action is disabled.

Indexes

Index Name	Index Type	Sequence	Column Name
QA_ACTIONS_U1	UNIQUE	2	ACTION_ID

QA_ACTION_LOG

QA_ACTION_LOG contains traceability information for the Post an Entry to Quality Action Log action. Traceability information includes textual information, dates, the trigger (action rule), and the entry that activated the trigger. Entries in this table are also created when an action being processed in concurrent mode fails.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID
QA_PLANS	PLAN_ID	PLAN_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
OPERATOR	QA_OPERATOR	MFG_LOOKUPS
	1	=
	10	OUTSIDE
	11	IN
	2	<>
	3	>=
	4	<=
	5	>
	6	<
	7	NOT NULL
	8	NULL
	9	BETWEEN

Column Descriptions

Name	Null?	Type	Description
LOG_ID (PK)	NOT NULL	NUMBER	Action log 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	Concurrent request Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent request Standard Who column
PLAN_ID	NOT NULL	NUMBER	Collection plan Identifier
COLLECTION_ID	NOT NULL	NUMBER	Result collection number
TRANSACTION_DATE	NOT NULL	DATE	Log creation date
CHAR_ID	NOT NULL	NUMBER	Collection element Identifier
OPERATOR	NOT NULL	NUMBER	Action rule operator used in defining the action rule. You can define action rules or triggers using one of the ten predefined operators as described above.

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Column Descriptions (Continued)

Name	Null?	Type	Description
LOW_VALUE	NULL	VARCHAR2(150)	This column is used as the lower limit to the collection element range or collection element value for which action will be activated, based on the operator used in defining it.
LOW_VALUE_ID	NULL	NUMBER	Flexfield Identifier for collection elements that are flexfields
HIGH_VALUE	NULL	VARCHAR2(150)	Upper limit to the collection element value range as defined in action trigger
HIGH_VALUE_ID	NULL	NUMBER	High value identifier
ACTION_LOG_MESSAGE	NULL	VARCHAR2(240)	Message defined for Post a message to Quality Action Log
RESULT_VALUE	NULL	VARCHAR2(150)	Collection element value entered by the user
RESULT_VALUE_ID	NULL	NUMBER	Collection element value Identifier
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

Indexes

Index Name	Index Type	Sequence	Column Name
QA_ACTION_LOG_U1	UNIQUE	1	LOG_ID

Sequences

Sequence	Derived Column
QA_ACTION_LOG_S	LOG_ID

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QA_BIS_RESULTS

QA_BIS_RESULTS is used in Business Intelligence Reports (BIS) to enhance performance. This table is periodically populated by the QLTBISB concurrent program to mirror data in QA_RESULTS.

Column Descriptions

Name	Null?	Type	Description
REQUEST_ID	NULL	NUMBER	Concurrent Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Standard Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
QA_CREATION_DATE	NOT NULL	DATE	Creation date of this record in QA_RESULTS
QA_LAST_UPDATE_DATE	NOT NULL	DATE	Last update date of this record in QA_RESULTS
ORGANIZATION_ID	NOT NULL	NUMBER	Organization ID
ORGANIZATION_NAME	NOT NULL	VARCHAR2(60)	Organization Name
PLAN_ID	NOT NULL	NUMBER	Plan ID
PLAN_NAME	NOT NULL	VARCHAR2(30)	Plan Name
COLLECTION_ID	NOT NULL	NUMBER	Collection ID
OCCURRENCE (PK)	NOT NULL	NUMBER	Occurrence code. This identifies a unique record in QA_RESULTS.
PLAN_TYPE_CODE	NULL	VARCHAR2(30)	Plan type code
PLAN_TYPE_MEANING	NULL	VARCHAR2(80)	Plan type meaning
ITEM_ID	NULL	NUMBER	Item ID
ITEM	NULL	VARCHAR2(2000)	Item name
LOT_CONTROL_CODE	NULL	NUMBER	Lot control code
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
DEFECT_CODE	NULL	VARCHAR2(150)	Defect code
QUANTITY_DEFECTIVE	NULL	VARCHAR2(150)	Quantity defective

Indexes

Index Name	Index Type	Sequence	Column Name
QA_BIS_RESULTS_N1	NOT UNIQUE	1	QA_LAST_UPDATE_DATE
QA_BIS_RESULTS_U1	UNIQUE	1	OCCURRENCE

QA_BIS_UPDATE_HISTORY

QA_BIS_UPDATE_HISTORY stores the last refresh date and time for the BIS Summary Table. It also acts as a log for records deleted from QA_RESULTS, which are then deleted from QA_BIS_RESULTS during the next Incremental Rebuild.

Column Descriptions

Name	Null?	Type	Description
REQUEST_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent request Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_REFRESH_TIME	NULL	DATE	Last time BIS summary table was refreshed
OCCURRENCE	NULL	NUMBER	QA_RESULTS record that has been deleted since last refresh

QA_CAR_TYPES

QA_CAR_TYPES supports functionality being planned for a future release.

Column Descriptions

Name	Null?	Type	Description
CAR_TYPE_ID (PK)	NOT NULL	NUMBER	Unique Identifier to CAR type
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
NAME	NULL	VARCHAR2(30)	CAR type name
DESCRIPTION	NULL	VARCHAR2(240)	CAR type description

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CAR_TYPE_U1	UNIQUE	2	CAR_TYPE_ID

QA_CHARS

QA_CHARS contains information about collection elements also known as Quality Characteristics. Some collection elements are seeded when Oracle Quality is installed, however, you can define new collection elements, which are also stored in this table. Collection elements may be enabled or disabled. You can only use enabled collection elements for the purpose of defining collection plans.

QA_CHARS can store the following types of information: display information, such as prompts and hints, which are shown during results entry; data, such as the datatype and default value of the collection element; validation information such as SQL validation strings; and specifications, such as upper and lower limits. QA_CHARS also stores information about the collection element type and context.

Collection element context is determined by the value of the CHAR_CONTEXT_FLAG, which indicates whether or not a collection element is a standard Quality Characteristic, has any dependency to any other collection element, or is referenced from any other elements in another Oracle Applications table. Depending on the value of CHAR_CONTEXT_FLAG, some other fields in this table may represent unifying context information for the collection element. For example, the collection element in CHAR_ID depends on the collection element represented by DEPENDENT_CHAR_ID. If a collection element is referenced, information from fields such as FK_TABLENAME or PK_ID denote the relationship between QA_CHARS and the foreign table.

QA_CHARS.HARDCODED_COLUMN stores the name of the corresponding column in the QA_RESULTS table in which the values for this collection element are stored. For example, if QA_CHARS.HARDCODED_COLUMN has a value, there will be a corresponding column in the QA_RESULTS table that will store the collection element's result value. If QA_CHARS.HARDCODED_COLUMN has a null value, then one of the generic CHARACTERx columns is used to store the collection element's value.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENABLED_FLAG	SYS_YES_NO	MFG_LOOKUPS

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	1	Yes
	2	No
MANDATORY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	No
VALUES_EXIST_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CHAR_CONTEXT_FLAG	QA_CHAR_CONTEXT_FLAG	MFG_LOOKUPS
	1	Quality characteristic
	2	Predefined reference information
	3	Predefined reference info automatically on all Quality Plans
	4	Dependent reference information, derived
CHAR_TYPE_CODE	QA_CHAR_TYPE	FND_COMMON_LOOKUPS
	ATTRIBUTE	Attribute
	REFERENCE INFO	Reference Information
	VARIABLE	Variable
DATATYPE	QA_CHAR_DATATYPE	MFG_LOOKUPS
	1	Character
	2	Number
	3	Date

Column Descriptions

Name	Null?	Type	Description
CHAR_ID (PK)	NOT NULL	NUMBER	Collection element 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
NAME	NOT NULL	VARCHAR2(30)	Collection element name
CHAR_TYPE_CODE	NOT NULL	VARCHAR2(30)	Collection element type code
CHAR_CONTEXT_FLAG	NOT NULL	NUMBER	Collection element context indicating whether the collection element is a standard Quality Characteristic or it is a referenced collection element. This flag also indicates if the collection element is a dependent collection element
PROMPT	NULL	VARCHAR2(30)	Collection element prompt to be displayed on the results screen
DATA_ENTRY_HINT	NULL	VARCHAR2(240)	Collection element data entry hint
DATATYPE	NOT NULL	NUMBER	Collection element datatype
DISPLAY_LENGTH	NULL	NUMBER	Collection element display length
DECIMAL_PRECISION	NULL	NUMBER	Collection element decimal precision

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DEFAULT_VALUE	NULL	VARCHAR2(150)	Default value for the collection element
DEFAULT_VALUE_ID	NULL	NUMBER	Default value Identifier
MANDATORY_FLAG	NOT NULL	NUMBER	Flag to indicate if collection element is mandatory or optional

Column Descriptions (Continued)

Name	Null?	Type	Description
UOM_CODE	NULL	VARCHAR2(3)	Collection element unit of measure code
TARGET_VALUE	NULL	VARCHAR2(150)	Target value for the collection element. This value is defaulted when the collection element is added to a specification
UPPER_SPEC_LIMIT	NULL	VARCHAR2(150)	Upper specification limit for the collection element. This value is defaulted when the collection element is added to a specification
LOWER_SPEC_LIMIT	NULL	VARCHAR2(150)	Lower specification limit for the collection element. This value is defaulted when the collection element is added to a specification
UPPER_REASONABLE_LIMIT	NULL	VARCHAR2(150)	Upper reasonable limit for the collection element. This value is defaulted when the collection element is added to a specification
LOWER_REASONABLE_LIMIT	NULL	VARCHAR2(150)	Lower reasonable limit for the collection element. This value is defaulted when the collection element is added to a specification
UPPER_USER_DEFINED_LIMIT	NULL	VARCHAR2(150)	User defined range upper limit for the collection element. This value is defaulted when the collection element is added to a specification
LOWER_USER_DEFINED_LIMIT	NULL	VARCHAR2(150)	User defined range lower limit for the collection element. This value is defaulted when the collection element is added to a specification
HARDCODED_COLUMN	NULL	VARCHAR2(30)	Underlying database column name for hardcoded collection element. All hardcoded collection elements have a corresponding static column in QA_RESULTS table.
DEVELOPER_NAME	NULL	VARCHAR2(30)	Reference name for the collection element. This field is used by developers internally and is applicable only to pre-seeded collection elements.
SQL_VALIDATION_STRING	NULL	VARCHAR2(1500)	SQL validation string for the collection element. This string is used to validate collection elements during results entry
ENABLED_FLAG	NOT NULL	NUMBER	Flag to enable or disable collection elements

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VALUES_EXIST_FLAG	NOT NULL	NUMBER	Flag to indicate if a permissible set of values has been entered for this collection element
DEPENDENT_CHAR_ID	NULL	NUMBER	Dependent collection element Identifier on which the current collection element depends
FK_LOOKUP_TYPE	NULL	NUMBER	Foreign key lookup type

Column Descriptions (Continued)

Name	Null?	Type	Description
FK_TABLE_NAME	NULL	VARCHAR2(30)	Name of the table to which collection element is a foreign key
FK_TABLE_SHORT_NAME	NULL	VARCHAR2(5)	Short name of the foreign key table
PK_ID	NULL	VARCHAR2(30)	Primary key column Identifier for the foreign key. Oracle Quality uses this information for dynamic view creation and validation purposes.
FK_ID	NULL	VARCHAR2(30)	Foreign key column Identifier in Oracle Quality. This information is used for dynamic view creation and validation purposes.
PK_ID2	NULL	VARCHAR2(30)	Additional primary key Identifier
FK_ID2	NULL	VARCHAR2(30)	Additional foreign key Identifier
PK_ID3	NULL	VARCHAR2(30)	Additional primary key Identifier
FK_ID3	NULL	VARCHAR2(30)	Additional foreign key Identifier
FK_MEANING	NULL	VARCHAR2(30)	Foreign key meaning
FK_DESCRIPTION	NULL	VARCHAR2(30)	Foreign key description
FK_ADD_WHERE	NULL	VARCHAR2(255)	Where clause that needs to be added to quality dynamic view creation logic
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

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CHARS_U1	UNIQUE	1	CHAR_ID

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QA_CHARS_U2	UNIQUE	1	NAME
<i>Sequences</i>			
Sequence	Derived Column		
QA_CHARS_S	CHAR_ID		

QA_CHART_CONSTANTS

QA_CHART_CONSTANTS contains tabular information used in the calculation of control limits. This information is seeded when Oracle Quality is installed and cannot be changed.

Column Descriptions

Name	Null?	Type	Description
SUBGROUP_SIZE (PK)	NOT NULL	NUMBER	Subgroup size for a control chart
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
A1	NOT NULL	NUMBER	Factor for computing control lines
A2	NOT NULL	NUMBER	Factor for computing control lines
B3	NOT NULL	NUMBER	Factor for computing control lines
B4	NOT NULL	NUMBER	Factor for computing control lines
D3	NOT NULL	NUMBER	Factor for computing control lines
D4	NOT NULL	NUMBER	Factor for computing control lines
E2	NOT NULL	NUMBER	Factor for computing control lines

QA_CHART_DATA

QA_CHART_DATA is used by Oracle Quality for the temporary storage of charting calculation results.

Column Descriptions

Name	Null?	Type	Description
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
SUBGROUP_NUMBER	NULL	NUMBER	Number of subgroups used in defining control chart
AVERAGE	NULL	NUMBER	Stores data points on the top part of the control chart
RANGE	NULL	NUMBER	Stores data points on the bottom part of control chart
BAR_NUMBER	NULL	NUMBER	Stores histogram bar number
HIST_RANGE	NULL	VARCHAR2(100)	Range of the histogram
NUM_OCCURRENCES	NULL	NUMBER	Occurrence of collection element in a given histogram bar

QA_CHAR_ACTIONS

QA_CHAR_ACTIONS contains actions defined for collection elements. Each row of the table defines one action and its detail.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_ACTIONS	ACTION_ID	ACTION_ID
QA_CAR_TYPES	CAR_TYPE_ID	CAR_TYPE_ID
QA_CHAR_ACTION_TRIGGERS	CHAR_ACTION_TRIGGER_ID	CHAR_ACTION_TRIGGER_ID

Column Descriptions

Name	Null?	Type	Description
CHAR_ACTION_ID (PK)	NOT NULL	NUMBER	Collection element action 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		NUMBER	Standard Who column
CHAR_ACTION_TRIGGER_ID	NOT NULL	NUMBER	Foreign key to table QA_CHAR_ACTION_TRIGGERS. This column identifies the action rules associated with this action.
ACTION_ID	NOT NULL	NUMBER	Action Identifier
CAR_NAME_PREFIX		VARCHAR2(20)	This column is intended to be used in future for corrective action functionality
CAR_TYPE_ID		NUMBER	This column is intended to be used in future for corrective action functionality
CAR_OWNER		NUMBER	This column is intended to be used in future for corrective action functionality
MESSAGE		VARCHAR2(240)	This field stores the message or details for the action. For example, if the action is to display a message to the operator, this field stores the actual message to be displayed.
STATUS_CODE		VARCHAR2(30)	Stores detailed information about the action. For example, if the action is to assign an ASL status, this field contains the actual status code to be assigned.
ALR_ACTION_SET_ID		NUMBER	Alert action set Identifier used for Oracle Quality actions that use Oracle Alert
ALR_ACTION_ID		NUMBER	Alert action Identifier used for Quality actions that use Oracle Alert

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CHAR_ACTIONS_N1	NOT UNIQUE	1	CHAR_ACTION_TRIGGER_ID
QA_CHAR_ACTIONS_U1	UNIQUE	1	CHAR_ACTION_ID

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Sequences

Sequence	Derived Column
QA_CHAR_ACTIONS_S	CHAR_ACTION_ID

QA_CHAR_ACTION_OUTPUTS

QA_CHAR_ACTION_OUTPUTS stores the mapping between collection elements and tokens used to define actions. Oracle Quality allows you to define actions based on the tokens for some of the actions. While executing the actions, these tokens are substituted with collection element values. Each row of this table stores information about a collection element, its associated action, and the token used in defining the action.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID
QA_CHAR_ACTIONS	CHAR_ACTION_ID	CHAR_ACTION_ID

Column Descriptions

Name	Null?	Type	Description
CHAR_ACTION_ID (PK)	NOT NULL	NUMBER	Foreign key to QA_CHAR_ACTIONS
TOKEN_NAME (PK)	NOT NULL	VARCHAR2(30)	Name of the token variable.
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
CHAR_ID	NOT NULL	NUMBER	Collection element Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CHAR_ACTION_OUTPUTS_U1	UNIQUE	2	CHAR_ACTION_ID
		4	TOKEN_NAME

QA_CHAR_ACTION_TRIGGERS

QA_CHAR_ACTION_TRIGGERS contains one row for each defined action trigger associated with a collection element. Action triggers are the rules that specify the conditions under which the action is activated during results entry. When the specified condition is met, the designated action is activated.

You can define more than one trigger for a collection element. You assign each trigger a sequence number, which indicates the order in which the trigger is activated. Each row in the table contains a collection element Identifier, a trigger sequence, and the operator used to define the trigger for the collection element. Operators are assigned numeric equivalents, which are displayed in the table.

For example, the Less Than (<) operator is represented by the number six. Based on the operator used, a row may contain a single value, or two values used to define a range of values from low (LOW_VALUE_OTHER) to high (HIGH_VALUE_OTHER). For example, if you use the operator Equals (=), which is represented by the number one, you enter a single value in the LOW_VALUE_OTHER field. When the user enters a collection element for this value, the action rule evaluates to TRUE.

If you use the operator Between, which is represented by the number nine and indicates a range of values, you must enter a value for both LOW_VALUE_OTHER and HIGH_VALUE_OTHER. When the user enters a collection element value that falls within that range, the action rule is evaluated to TRUE. If the LOW_VALUE_LOOKUP or HIGH_VALUE_LOOKUP fields are populated, the collection element's specification limits determine whether or not the action is activated. If these fields are NULL, the actual values from LOW_VALUE_OTHER and HIGH_VALUE_OTHER determine whether or not the action is activated.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
HIGH_VALUE_LOOKUP	QA_ACTION_TRIGGER_VALUE	MFG_LOOKUPS
	1	Upper Reasonable Limit
	2	Upper Specification Limit
	3	Upper User-Defined Limit
	4	Target Value

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	5	Lower User-Defined Limit
	6	Lower Specification Limit
	7	Lower Reasonable Limit
LOW_VALUE_LOOKUP	QA_ACTION_TRIGGER_VALUE	MFG_LOOKUPS
	1	Upper Reasonable Limit
	2	Upper Specification Limit

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	3	Upper User-Defined Limit
	4	Target Value
	5	Lower User-Defined Limit
	6	Lower Specification Limit
	7	Lower Reasonable Limit
OPERATOR	QA_OPERATOR	MFG_LOOKUPS
	1	=
	10	OUTSIDE
	11	IN
	2	<>
	3	>=
	4	<=
	5	>
	6	<
	7	NOT NULL
	8	NULL
	9	BETWEEN

Column Descriptions

Name	Null?	Type	Description
CHAR_ACTION_TRIGGER_ID (PK)	NOT NULL	NUMBER	Action trigger 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
TRIGGER_SEQUENCE	NOT NULL	NUMBER	Sequence number of trigger. This sequence is used to evaluate trigger priority
CHAR_ID	NOT NULL	NUMBER	Collection element Identifier
OPERATOR	NOT NULL	NUMBER	Operator used in defining this trigger or condition
LOW_VALUE_LOOKUP	NULL	NUMBER	Code for specification limit or user defined limit or collection element target value. If the value entered is equal to or greater than this value, trigger will be evaluated to TRUE based on the operator used
HIGH_VALUE_LOOKUP	NULL	NUMBER	Code for specification limit, user-defined limit, or collection element target value. If value entered is equal to or less than this value, trigger is evaluated to TRUE based on operator used

LOW_VALUE_OTHER	NULL	VARCHAR2(150)	Collection element low value as defined in action rule. This column is used as lower limit to collection element range or collection element value for which action will be activated, based on the operator used in defining the trigger
LOW_VALUE_OTHER_ID	NULL	NUMBER	Used for storing Flexfield ID for collection elements which are flexfields

Column Descriptions (Continued)

Name	Null?	Type	Description
HIGH_VALUE_OTHER	NULL	VARCHAR2(150)	Upper limit for the collection element value range as defined in the action rule
HIGH_VALUE_OTHER_ID	NULL	NUMBER	Used for storing Flexfield ID for collection elements which are flexfields

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CHAR_ACTION_TRIGGERS_N1	NOT UNIQUE	1	CHAR_ID
QA_CHAR_ACTION_TRIGGERS_U1	UNIQUE	1	CHAR_ACTION_TRIGGER_ID

Sequences

Sequence	Derived Column
QA_CHAR_ACTION_TRIGGERS_S	CHAR_ACTION_TRIGGER_ID

QA_CHAR_VALUE_LOOKUPS

QA_CHAR_VALUE_LOOKUPS contains the set of permissible values for collection elements. Each row of the table contains one value for a collection element. The collection element value entered by the user is validated against this table. These values take precedence over SQL_VALIDATION_STRING.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID

Column Descriptions

Name	Null?	Type	Description
CHAR_ID (PK)	NOT NULL	NUMBER	Collection element Identifier
SHORT_CODE (PK)	NOT NULL	VARCHAR2(150)	Short code for the collection element value
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 columns
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
DESCRIPTION	NULL	VARCHAR2(150)	Description of collection element value
SHORT_CODE_ID	NULL	NUMBER	No longer used

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CHAR_VALUE_LOOKUPS_U1	UNIQUE	1	CHAR_ID
		2	SHORT_CODE

QA_CONTROL_LIMITS

QA_CONTROL_LIMITS contains control chart limit information that will be associated with a control chart for the specified collection element.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CRITERIA_HEADERS	CRITERIA_ID	CRITERIA_ID

Column Descriptions

Name	Null?	Type	Description
CONTROL_LIMIT_ID (PK)	NOT NULL	NUMBER	Control limit 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
CHAR_ID	NOT NULL	NUMBER	Collection element Identifier
PLAN_ID	NULL	NUMBER	Collection plan Identifier
SPEC_ID	NULL	NUMBER	Specification Identifier
CRITERIA_ID	NULL	NUMBER	Criteria Identifier
CHART_TYPE	NOT NULL	NUMBER	Type of control chart
NAME	NOT NULL	VARCHAR2(100)	Name of the control chart
DESCRIPTION	NULL	VARCHAR2(240)	Description of the control chart
SUBGROUP_SIZE	NOT NULL	NUMBER	This field is used only for X bar R chart. This is used to calculate the control limits
NUMBER_SUBGROUPS	NULL	NUMBER	Number of subgroups
LCL	NOT NULL	NUMBER	Lower control limit for top part of the control chart
UCL	NOT NULL	NUMBER	Upper control limit for the top part of the chart
TARGET	NOT NULL	NUMBER	Target control limit for the top part of the chart
R_LCL	NOT NULL	NUMBER	Lower control limit for bottom part of the control chart
R_UCL	NOT NULL	NUMBER	Upper control limit for the bottom part of the chart
R_TARGET	NOT NULL	NUMBER	Target control limit for the bottom part of the chart

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CONTROL_LIMITS_U1	UNIQUE	2	CONTROL_LIMIT_ID

Sequences

Sequence	Derived Column
QA_CONTROL_LIMITS_S	CONTROL_LIMIT_ID

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QA_CRITERIA

QA_CRITERIA is used to store "show results where" information to retrieve specific values from collected results. QA_CRITERIA is used by Oracle Quality's charts, Dynamic Reportwriter, and descriptive statistics functionality.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID
QA_CRITERIA_HEADERS	CRITERIA_ID	CRITERIA_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FXN	QA_FUNCTION	MFG_LOOKUPS
	1	SUM
	2	COUNT
	3	AVG
	4	MIN
	5	MAX

Column Descriptions

Name	Null?	Type	Description
CRITERIA_SEQUENCE (PK)	NOT NULL	NUMBER	Identifies criteria
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
CRITERIA_ID	NOT NULL	NUMBER	Identifies criteria header in the table QA_CRITERIA_HEADER
ORDER_SEQUENCE	NULL	NUMBER	Sequence in which collection elements appear in the criteria definitions
SQL_TYPE	NOT NULL	NUMBER	Indicates if collection element will appear in report body or if it will be used as selection criteria for the report
CHAR_ID	NOT NULL	NUMBER	Collection element Identifier
OPERATOR	NULL	NUMBER	Operator used in defining the selection criteria
LOW_VALUE	NULL	VARCHAR2(150)	Lower limit for the collection element value range used in defining criteria
LOW_VALUE_ID	NULL	NUMBER	Identifies Flexfield ID for collection elements that are flexfields
HIGH_VALUE	NULL	VARCHAR2(150)	Upper limit to the collection element value range user wish to retrieve
HIGH_VALUE_ID	NULL	NUMBER	Identifies flexfield ID for collection elements that are flexfields
FXN	NULL	NUMBER	Function applied to the collection element

Column Descriptions (Continued)

Name	Null?	Type	Description
TOTAL	NULL	NUMBER	Indicates if collection element total is to be reported
SORT_BY	NULL	NUMBER	No longer used

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CRITERIA_N1	NOT UNIQUE	1	CRITERIA_ID
QA_CRITERIA_U1	UNIQUE	1	CRITERIA_SEQUENCE

Sequences

Sequence	Derived Column
QA_CRITERIA_S	CRITERIA_SEQUENCE
QA_CHAR_ACTIONS_S	LAST_UPDATE_DATE
QA_CHAR_ACTIONS_S	LAST_UPDATED_BY
QA_CHAR_ACTIONS_S	CREATION_DATE
QA_CHAR_ACTIONS_S	CREATED_BY
QA_CHAR_ACTIONS_S	LAST_UPDATE_LOGIN

QA_CRITERIA_HEADERS

QA_CRITERIA_HEADERS is used to store use- defined charts, descriptive statistics, and settings for the Dynamic Reportwriter. It has a master-detail relationship with QA_CRITERIA.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_PLANS	PLAN_ID	PLAN_ID

Column Descriptions

Name	Null?	Type	Description
CRITERIA_ID (PK)	NOT NULL	NUMBER	Criteria 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
NAME	NOT NULL	VARCHAR2(30)	Criteria name
PLAN_ID	NULL	NUMBER	Identifies collection plan to which criteria is applied
ORGANIZATION_ID	NULL	NUMBER	Inventory organization Identifier
OUTPUT_TYPE	NOT NULL	NUMBER	Indicates the type of the chart or report to which criteria is defined
TITLE	NULL	VARCHAR2(50)	Chart or report title
DESCRIPTION	NULL	VARCHAR2(225)	Chart or report description
CHART_TYPE	NULL	NUMBER	Control chart type
NUM_BARS	NULL	NUMBER	Number of bars in histogram
NUM_POINTS	NULL	NUMBER	Number of points in histogram
X_AXIS_CHAR_ID	NULL	NUMBER	Collection element that is to be plotted on x-axis
Y_AXIS_CHAR_ID	NULL	NUMBER	Collection element that is to be plotted on y-axis
Y_AXIS_FXN	NULL	NUMBER	Function applied to calculate Y_AXIS values
TOP_N_GROUPS	NULL	NUMBER	Number of groups user wants to display in pareto chart
X_AXIS_GROUP_BY_ID	NULL	NUMBER	Grouping element of X-AXIS. This information is used only for trend charts
SPEC_ID	NULL	NUMBER	Specification identifier to be used in histograms
TARGET_VALUE_FLAG	NULL	NUMBER	Flag to indicate if specification target value should be used in histograms
SPEC_LIMIT_FLAG	NULL	NUMBER	Flag to indicate if specification limits should be used in histograms
USER_DEFINED_LIMIT_FLAG	NULL	NUMBER	Flag to indicate if user defined limit to be used in histograms

Indexes

Index Name	Index Type	Sequence	Column Name
QA_CRITERIA_HEADERS_U1	UNIQUE	1	CRITERIA_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
QA_CRITERIA_HEADERS_U2	UNIQUE	2	ORGANIZATION_ID
		3	NAME
		4	OUTPUT_TYPE

QA_INTERFACE_ERRORS

QA_INTERFACE_ERRORS contains log information recorded by Oracle Quality's collection import concurrent manager. As the Collection Import Worker processes rows in QA_RESULTS_INTERFACE, it records problem information in QA_INTERFACE_ERRORS.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID	NOT NULL	NUMBER	Transaction identifier
ERROR_MESSAGE	NOT NULL	VARCHAR2(240)	Message describing error
ERROR_COLUMN	NULL	VARCHAR2(80)	Name of the column which caused error
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	Concurrent request Identifier
PROGRAM_APPLICATION_ID	NULL	NUMBER	Application Identifier
PROGRAM_ID	NULL	NUMBER	Program Identifier
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent request creation date

Indexes

Index Name	Index Type	Sequence	Column Name
QA_INTERFACE_ERRORS_N1	NOT UNIQUE	2	TRANSACTION_INTERFACE_ID

QA_IN_LISTS

QA_IN_LISTS contains the list of values associated with an In or Not In operator.

Column Descriptions

Name	Null?	Type	Description
LIST_ELEM_ID (PK)	NOT NULL	NUMBER	Uniquely identifies a list element record
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
LIST_ID	NOT NULL	NUMBER	List Identifier
PARENT_BLOCK_NAME	NOT NULL	VARCHAR2(50)	Name of the parent block in which in list has been defined
VALUE	NULL	VARCHAR2(150)	One of the values in list
VALUE_ID	NULL	NUMBER	Value Identifier
CHAR_ID	NOT NULL	NUMBER	Collection element used in defining the list

Indexes

Index Name	Index Type	Sequence	Column Name
QA_IN_LISTS_U1	UNIQUE	2	LIST_ELEM_ID
QA_IN_LISTS_U2	UNIQUE	2	LIST_ID
		4	PARENT_BLOCK_NAME
		6	VALUE

Sequences

Sequence	Derived Column
QA_LIST_ELEM_IDS_S	LIST_ELEM_ID

QA_PLANS

QA_PLANS stores collection plan definitions. Collection plans consist of collection elements grouped for the purposes of data collection. Each row of the table represents one collection plan and contains the collection plan name, the inventory organization in which the plan is defined, the plan type, the plan view name, and the import view name.

The plan view and import view are also referred to as dynamic views. These are created through the Collection Plan window. The plan view has the format Q_<plan>_V where <plan> corresponds to the name of the collection plan that this view is based on. The dynamic plan view, which publishes the results collected for a plan, can also be used for additional reporting purposes. The import view can be used to ease collection import. The QA_PLANS table has a master-detail relationship with the QA_PLAN_CHARS and the QA_PLAN_TRANSACTIONS tables.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PLAN_TYPE_CODE	QA_PLAN_TYPE	FND_COMMON_LOOKUPS
	1	WIP Inspection
	2	Supplier Inspection
	3	FGI Inspection
SPEC_ASSIGNMENT_TYPE	QA_PLAN_SPEC_TYPE	MFG_LOOKUPS
	1	Validate data using Item Specifications
	2	Validate data using Vendor/Item Specifications
	3	Validate data using Customer/Item Specifications
	4	No specifications used for data validation

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Collection plan Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory 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
NAME	NOT NULL	VARCHAR2(30)	Name of the collection plan
DESCRIPTION	NULL	VARCHAR2(150)	Description of the plan
PLAN_TYPE_CODE	NOT NULL	VARCHAR2(30)	Plan type Identifier
IMPORT_VIEW_NAME	NULL	VARCHAR2(30)	Name of the view that will be used to import data for this collection plan
INSTRUCTIONS	NULL	VARCHAR2(150)	No longer used
VIEW_NAME	NULL	VARCHAR2(30)	Plan View name

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Column Descriptions (Continued)

Name	Null?	Type	Description
EFFECTIVE_FROM	NULL	DATE	Date from which plan is effective
EFFECTIVE_TO	NULL	DATE	Date up to which plan is effective
SPEC_ASSIGNMENT_TYPE	NOT NULL	NUMBER	Specification assignment type associated with this plan
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

Indexes

Index Name	Index Type	Sequence	Column Name
QA_PLANS_U1	UNIQUE	1	PLAN_ID
QA_PLANS_U2	UNIQUE	1	NAME

Sequences

Sequence	Derived Column
QA_PLANS_S	PLAN_ID

QA_PLAN_CHARS

QA_PLAN_CHARS stores information about a collection plan and the collection elements assigned to that collection plan. Each row of the table represents one collection element and its attributes for the plan. Collection element attributes include the collection element prompt that is displayed, the default value for the collection element, and the column name in QA_RESULTS to which this collection element is mapped. This table also stores information regarding whether or not a collection plan is enabled, mandatory, or hidden. When a collection plan is defined, a link is maintained to QA_CHARS for each of the collection elements available in the plan. Some additional information is also derived from QA_CHARS and populated in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID
QA_PLANS	PLAN_ID	PLAN_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DISPLAYED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ENABLED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MANDATORY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
VALUES_EXIST_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Collection Plan Identifier
CHAR_ID (PK)	NOT NULL	NUMBER	Collection element 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
PROMPT_SEQUENCE	NULL	NUMBER	Collection element sequence in collection plan
PROMPT	NOT NULL	VARCHAR2(30)	Collection element prompt to be displayed for this plan
ENABLED_FLAG	NOT NULL	NUMBER	Flag to indicate whether collection element is enabled or disabled for the collection plan

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Column Descriptions (Continued)

Name	Null?	Type	Description
MANDATORY_FLAG	NOT NULL	NUMBER	Flag to indicate whether collection element is mandatory for this collection plan
DEFAULT_VALUE	NULL	VARCHAR2(150)	Collection element default value
DEFAULT_VALUE_ID	NULL	NUMBER	Default value Identifier
RESULT_COLUMN_NAME	NULL	VARCHAR2(30)	Column name in QA_RESULTS to which this collection element is mapped. Collection elements are mapped to either the generic CHARACTERx columns or the specific hardcoded columns in QA_RESULTS table. The value in this field stores the mapping.
VALUES_EXIST_FLAG	NOT NULL	NUMBER	Flag to indicate if master list of values exists for collection element for this collection plan
DISPLAYED_FLAG	NOT NULL	NUMBER	Flag to indicate whether collection element is to be displayed
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

Indexes

Index Name	Index Type	Sequence	Column Name
QA_PLAN_CHARS_U1	UNIQUE	1	PLAN_ID
		2	CHAR_ID

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QA_PLAN_CHAR_ACTIONS

QA_PLAN_CHAR_ACTIONS contains defined actions for collection plan elements. Each row of the table represents one action assigned to a collection element in a collection plan.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_ACTIONS	ACTION_ID	ACTION_ID
QA_CAR_TYPES	CAR_TYPE_ID	CAR_TYPE_ID
QA_PLAN_CHAR_ACTION_TRIGGERS	PLAN_CHAR_ACTION_TRIGGER_ID	PLAN_CHAR_ACTION_TRIGGER_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_CHAR_ACTION_ID (PK)	NOT NULL	NUMBER	Action Identifier for a given collection element and plan
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
PLAN_CHAR_ACTION_TRIGGER_ID	NOT NULL	NUMBER	Action trigger Identifier for the given action
ACTION_ID	NOT NULL	NUMBER	Action Identifier
CAR_NAME_PREFIX	NULL	VARCHAR2(20)	Intended for future use with corrective action module
CAR_TYPE_ID	NULL	NUMBER	Intended for future use with corrective action module
CAR_OWNER	NULL	NUMBER	Intended for future use with corrective action module
MESSAGE	NULL	VARCHAR2(2000)	This field stores the action message or action details for the action. For example, if action is to display a message to the operator, this field will store the actual message to be displayed.
STATUS_CODE	NULL	VARCHAR2(30)	Stores additional action details. For example, if the action is to assign an ASL status, this field will store the actual status code that will be assigned.
ALR_ACTION_SET_ID	NULL	NUMBER	Oracle Alert action set Identifier
ALR_ACTION_ID	NULL	NUMBER	Oracle Alert action Identifier
ASSIGNED_CHAR_ID	NULL	NUMBER	Identifier to destination collection element for "Assign a value to a collection element" action
ASSIGN_TYPE	NULL	VARCHAR2(1)	Indicates whether a SQL statement or a formula has been entered by the user to calculate the value for "Assign a value to a collection element" action

Indexes

Index Name	Index Type	Sequence	Column Name
QA_PC_ACTIONS_N1	NOT UNIQUE	1	PLAN_CHAR_ACTION_TRIGGER_ID
QA_PC_ACTIONS_U1	UNIQUE	1	PLAN_CHAR_ACTION_ID

Sequences

Sequence	Derived Column
QA_PLAN_CHAR_ACTIONS_S	PLAN_CHAR_ACTION_ID

QA_PLAN_CHAR_ACTION_OUTPUTS

QA_PLAN_CHAR_ACTION_OUTPUTS stores the mapping between collection elements and tokens used in defining actions for a specific collection plan. Oracle Quality allows the user to define actions based on the tokens for some of the actions. These tokens are substituted with actual collection element values while executing the actions. Each row of this table stores information about a collection element, along with its associated action and the token name used to define the action in a specific plan.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID
QA_PLAN_CHAR_ACTIONS	PLAN_CHAR_ACTION_ID	PLAN_CHAR_ACTION_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_CHAR_ACTION_ID (PK)	NOT NULL	NUMBER	Action Identifier defined for a collection element for a given plan
TOKEN_NAME (PK)	NOT NULL	VARCHAR2(30)	Name of the token variable used for defining the action
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
CHAR_ID	NOT NULL	NUMBER	Collection element Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
QA_PC_ACTION_OUTPUTS_U1	UNIQUE	1	PLAN_CHAR_ACTION_ID
		3	TOKEN_NAME

QA_PLAN_CHAR_ACTION_TRIGGERS

QA_CHAR_ACTION_TRIGGERS contains one row for each defined action trigger associated with a collection element. Action triggers are the rules that specify the conditions under which the action is activated during results entry. When the specified condition is met, the designated action is activated. You can define more than one trigger for a collection element. You assign each trigger a sequence number, which indicates the order in which the trigger is activated.

Each row in the table contains a collection element Identifier, a trigger sequence, and the operator used to define the trigger for the collection element. Operators are assigned numeric equivalents, which are displayed in the table. For example, the Less Than (<) operator is represented by the number six.

Based on the operator used, a row may contain a single value, or two values used to define a range of values from low (LOW_VALUE_OTHER) to high (HIGH_VALUE_OTHER). For example, if you use the operator Equals (=), which is represented by the number one, you enter a single value in the LOW_VALUE_OTHER field. When the user enters a collection element for this value, the action rule evaluates to TRUE. If you use the operator Between, which is represented by the number nine and indicates a range of values, you must specify a value for both LOW_VALUE_OTHER and HIGH_VALUE_OTHER. When the user enters a collection element value that falls within that range, the action rule is evaluated to TRUE.

If the LOW_VALUE_LOOKUP or HIGH_VALUE_LOOKUP fields are populated, the collection element's specification limits determine whether or not the action is activated. If these fields are NULL, the actual values from LOW_VALUE_OTHER and HIGH_VALUE_OTHER determine whether or not the action is activated.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID
QA_PLANS	PLAN_ID	PLAN_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
HIGH_VALUE_LOOKUP	QA_ACTION_TRIGGER_VALUE	MFG_LOOKUPS
	1	Upper Reasonable Limit
	2	Upper Specification Limit
	3	Upper User-Defined Limit
	4	Target Value

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	5	Lower User-Defined Limit
	6	Lower Specification Limit
	7	Lower Reasonable Limit
LOW_VALUE_LOOKUP	QA_ACTION_TRIGGER_VALUE	MFG_LOOKUPS
	1	Upper Reasonable Limit

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	Upper Specification Limit
	3	Upper User-Defined Limit
	4	Target Value
	5	Lower User-Defined Limit
	6	Lower Specification Limit
	7	Lower Reasonable Limit
OPERATOR	QA_OPERATOR	MFG_LOOKUPS
	1	=
	10	OUTSIDE
	11	IN
	2	<>
	3	>=
	4	<=
	5	>
	6	<
	7	NOT NULL
	8	NULL
	9	BETWEEN

Column Descriptions

Name	Null?	Type	Description
PLAN_CHAR_ACTION_TRIGGER_ID (PK)	NOT NULL	NUMBER	Action trigger Identifier for the given collection element and collection plan
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
TRIGGER_SEQUENCE	NOT NULL	NUMBER	Sequence number of trigger. This sequence is used to evaluate trigger priority
PLAN_ID	NOT NULL	NUMBER	Collection plan Identifier
CHAR_ID	NOT NULL	NUMBER	Collection element Identifier
OPERATOR	NOT NULL	NUMBER	Operator used in defining this trigger
LOW_VALUE_LOOKUP	NULL	NUMBER	Code for specification limit, user-defined limit, or collection element target value. If the value entered is equal to or greater than this value, trigger will be evaluated to TRUE based on the operator used

HIGH_VALUE_LOOKUP	NULL	NUMBER	Code for specification limit, user-defined limit, or collection element target value. If the value entered is equal to or less than this value, trigger will be evaluated to TRUE based on the operator used
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Column Descriptions (Continued)

Name	Null?	Type	Description
LOW_VALUE_OTHER	NULL	VARCHAR2(150)	Collection element low value as defined in action rule. This column is used as lower limit to the collection element range or collection element value for which action will be fired, based on the operator used in defining the trigger
LOW_VALUE_OTHER_ID	NULL	NUMBER	Stores Flexfield ID for collection elements that are Flexfields
HIGH_VALUE_OTHER	NULL	VARCHAR2(150)	Upper limit to the collection element value range
HIGH_VALUE_OTHER_ID	NULL	NUMBER	Flexfield ID for collection elements that are Flexfields

Indexes

Index Name	Index Type	Sequence	Column Name
QA_PC_ACTION_TRIGGERS_N1	NOT UNIQUE	1	PLAN_ID
		2	CHAR_ID
		3	TRIGGER_SEQUENCE
QA_PC_ACTION_TRIGGERS_U1	UNIQUE	1	PLAN_CHAR_ACTION_TRIGGER_ID

Sequences

Sequence	Derived Column
QA_PLAN_CHAR_ACTION_TRIGGERS_S	PLAN_CHAR_ACTION_TRIGGER_ID

QA_PLAN_CHAR_VALUE_LOOKUPS

QA_PLAN_CHAR_VALUE_LOOKUPS contains the master set of values that are permissible for the collection elements of a given plan. You can define a master set of permissible values for a collection element, and then copy them to individual plans. Once values for a collection element are copied into a plan, only one of the values can then be entered for that collection element. The values are also used to display a List of Values (LOV) during data entry. They take precedence over the SQL validation string. Each row of the table contains one value for a collection element in the plan.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID
QA_PLANS	PLAN_ID	PLAN_ID

Column Descriptions

Name	Null?	Type	Description
PLAN_ID (PK)	NOT NULL	NUMBER	Collection plan Identifier
CHAR_ID (PK)	NOT NULL	NUMBER	Collection element Identifier
SHORT_CODE (PK)	NOT NULL	VARCHAR2(150)	Short code to the collection element value
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
DESCRIPTION	NULL	VARCHAR2(150)	Description of the collection element value
SHORT_CODE_ID	NULL	NUMBER	Short code Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
QA_PLAN_CHAR_VALUES_LOOKUPS_U1	UNIQUE	1	PLAN_ID
		2	CHAR_ID
		3	SHORT_CODE

QA_PLAN_COLLECTION_TRIGGERS

QA_PLAN_COLLECTION_TRIGGERS stores the collection triggers associated with a plan and transaction. These triggers evaluate whether or not a particular collection plan applies to the Quality Collection transaction, such as a WIP Move or PO Receiving Inspection transaction. Each row of this table represents one collection trigger and the conditions that determine whether or not the trigger applies for a certain plan and transaction.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	COLLECTION_TRIGGER_ID
QA_PLAN_TRANSACTIONS	PLAN_TRANSACTION_ID	PLAN_TRANSACTION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
OPERATOR	QA_OPERATOR	MFG_LOOKUPS
	1	=
	10	OUTSIDE
	11	IN
	2	<>
	3	>=
	4	<=
	5	>
	6	<
	7	NOT NULL
	8	NULL
	9	BETWEEN

Column Descriptions

Name	Null?	Type	Description
TXN_TRIGGER_ID (PK)	NOT NULL	NUMBER	Trigger Identifier for a given transaction and plan
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
PLAN_TRANSACTION_ID	NOT NULL	NUMBER	Plan transaction Identifier
COLLECTION_TRIGGER_ID	NOT NULL	NUMBER	Collection trigger identifier. This column identifies a collection element that has been defined as a collection trigger or context element for the given transaction
OPERATOR	NOT NULL	NUMBER	Operator used in defining the trigger
LOW_VALUE	NULL	VARCHAR2(150)	Lower limit to collection trigger range for which trigger will be evaluated to true
LOW_VALUE_ID	NULL	NUMBER	Flexfield Identifier for collection triggers that are Flexfields

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
HIGH_VALUE	NULL	VARCHAR2(150)	Upper limit to collection trigger range for which trigger will be evaluated to TRUE
HIGH_VALUE_ID	NULL	NUMBER	Flexfield Identifier for the collection elements that are Flexfields

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
QA_PLAN_COLL_TRIGGERS_U1	UNIQUE	2	TXN_TRIGGER_ID
QA_PLAN_COLL_TRIGGERS_U2	UNIQUE	1	PLAN_TRANSACTION_ID
		2	COLLECTION_TRIGGER_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
QA_TXN_TRIGGER_IDS_S	TXN_TRIGGER_ID

QA_PLAN_TRANSACTIONS

QA_PLAN_TRANSACTIONS stores the transaction information defined for a specific collection plan. Oracle Quality allows the user to define a collection plan for specific transactions, as well as to enter quality results for these plans while executing parent transactions. For example, you can define collection plans specific to the WIP Move transaction. The user can then invoke this collection plan while performing the transaction. Each row of this table defines one transaction for a collection plan. A transaction is identified in Oracle Quality by assigning it a unique number called a transaction number. A plan can be associated with one or more transactions. This table stores information on whether or not collection plans for transactions are set to enabled, background, or mandatory, and whether or not they have a master-detail relationship with QA_PLAN_COLLECTION_TRIGGERS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_PLANS	PLAN_ID	PLAN_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
MANDATORY_COLLECTION_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
TRANSACTION_NUMBER	QA_TXN_NAME	MFG_LOOKUPS
	1	Move transaction (Oracle Work in Process)
	20	Service Requests (Oracle Service)
	21	Inspection Transactions (Oracle Purchasing)
	6	Receiving transactions (Oracle Purchasing)

Column Descriptions

Name	Null?	Type	Description
PLAN_TRANSACTION_ID (PK)	NOT NULL	NUMBER	Plan Transaction 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
PLAN_ID	NOT NULL	NUMBER	Collection plan Identifier
TRANSACTION_NUMBER	NOT NULL	NUMBER	Parent transaction number. Each transaction has been assigned a unique number within Oracle Quality. For example, WIP MOVE TRANSACTION has been assigned number 1

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Column Descriptions (Continued)

Name	Null?	Type	Description
MANDATORY_COLLECTION_FLAG	NULL	NUMBER	Flag to indicate if collection plan ID mandatory. A mandatory collection plan enforces Quality result collection before parent transaction can be committed
BACKGROUND_COLLECTION_FLAG	NULL	NUMBER	Flag to indicate if collection plan is background collection plan
ENABLED_FLAG	NULL	NUMBER	Flag to indicate if collection plan is enabled for the given transaction

Indexes

Index Name	Index Type	Sequence	Column Name
QA_PLAN_TRANSACTIONS_N1	NOT UNIQUE	1	PLAN_ID
QA_PLAN_TRANSACTIONS_U1	UNIQUE	1	PLAN_TRANSACTION_ID

Sequences

Sequence	Derived Column
QA_PLAN_TRANSACTIONS_S	PLAN_TRANSACTION_ID

QA_RESULTS

QA_RESULTS stores all of the quality data entered for collection plans. This table is Oracle Quality's data repository. All of the data collected either directly through transactions, or by Collection Import, reside in this table. The columns in this table can be divided into two categories: generic or hardcoded. Generic columns are CHARACTER1 through CHARACTER100 and are generally referred to as CHARACTERx in this manual. Hardcoded columns are specific columns in this table, such as ITEM_ID or PO_HEADER_ID. QA_CHARS.HARDCODED_COLUMN stores the name of the corresponding column in the QA_RESULTS table in which values for this collection element will be stored. For example, if QA_CHARS.HARDCODED_COLUMN has a value, there will be a corresponding column in the QA_RESULTS table that will store the collection element's result value. If QA_CHARS.HARDCODED_COLUMN has a null value, then one of the generic CHARACTERx columns will be used to store the collection element's value.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
FND_USER	USER_ID	QA_CREATED_BY
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID ITEM_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
QA_PLANS	PLAN_ID	PLAN_ID
QA_SPECS	SPEC_ID	SPEC_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID

Column Descriptions

Name	Null?	Type	Description
COLLECTION_ID (PK)	NOT NULL	NUMBER	Collection ID identifies the result collected in a single session.
OCCURRENCE (PK)	NOT NULL	NUMBER	Uniquely identifies a result row
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
QA_LAST_UPDATE_DATE	NOT NULL	DATE	Quality Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
QA_LAST_UPDATED_BY	NOT NULL	NUMBER	Quality Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
QA_CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
QA_CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent request Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent request Standard Who column
TRANSACTION_NUMBER	NULL	NUMBER	Quality Transaction Identifier
TXN_HEADER_ID	NULL	NUMBER	Transaction header Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory Organization Identifier
PLAN_ID	NOT NULL	NUMBER	Collection plan Identifier
SPEC_ID	NULL	NUMBER	Specification Identifier
TRANSACTION_ID	NULL	NUMBER	Parent transaction unique identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier
TO_DEPARTMENT_ID	NULL	NUMBER	To department Identifier
RESOURCE_ID	NULL	NUMBER	Resource Identifier
QUANTITY	NULL	NUMBER	Quantity is a hardcoded collection element in Oracle Quality
ITEM_ID	NULL	NUMBER	Item Identifier
UOM	NULL	VARCHAR2(3)	Unit of measure
REVISION	NULL	VARCHAR2(3)	Item revision
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory is a hardcoded collection element
LOCATOR_ID	NULL	NUMBER	Locator identifier
LOT_NUMBER	NULL	VARCHAR2(30)	Lot Number
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial Number
COMP_ITEM_ID	NULL	NUMBER	Component Item identifier
COMP_UOM	NULL	VARCHAR2(3)	Component unit of measurement
COMP_REVISION	NULL	VARCHAR2(3)	Component revision
COMP_SUBINVENTORY	NULL	VARCHAR2(10)	Component subinventory
COMP_LOCATOR_ID	NULL	NUMBER	Component locator identifier
COMP_LOT_NUMBER	NULL	VARCHAR2(30)	Component lot number
COMP_SERIAL_NUMBER	NULL	VARCHAR2(30)	Component serial number
WIP_ENTITY_ID	NULL	NUMBER	Wip job or schedule identifier
LINE_ID	NULL	NUMBER	Production line identifier
TO_OP_SEQ_NUM	NULL	NUMBER	To Operating Sequence Number
FROM_OP_SEQ_NUM	NULL	NUMBER	From Operating Sequence number
VENDOR_ID	NULL	NUMBER	Supplier Identifier
RECEIPT_NUM	NULL	NUMBER(30)	Receipt Number
PO_HEADER_ID	NULL	NUMBER	Purchasing document Identifier
PO_RELEASE_ID	NULL	NUMBER	Purchasing release Identifier
PO_LINE_NUM	NULL	NUMBER	Purchasing line number
PO_SHIPMENT_NUM	NULL	NUMBER	Purchasing shipment number
CUSTOMER_ID	NULL	NUMBER	Customer Identifier
SO_HEADER_ID	NULL	NUMBER	Sales order Identifier
RMA_HEADER_ID	NULL	NUMBER	Return material authorization Identifier
PROJECT_ID	NULL	NUMBER	Project Identifier
TASK_ID	NULL	NUMBER	Task Identifier
STATUS	NULL	NUMBER	Result Status. Indicate whether this row contains valid or invalid results. A value of NULL or 2 indicates valid row whereas a value of 1 indicates invalid results row.

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Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSACTION_DATE	NULL	DATE	Transaction Date
CHARACTER1	NULL	VARCHAR2(150)	Generic placeholder column. There are one hundred generic columns called character1 to character100 defined in QA_RESULTS. These columns are used to store user-defined collection elements.
CHARACTER2	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER3	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER4	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER5	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER6	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER7	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER8	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER9	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER10	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER11	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER12	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER13	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER14	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER15	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER16	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER17	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER18	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER19	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER20	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER21	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER22	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER23	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER24	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER25	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER26	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER27	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element

Column Descriptions (Continued)

Name	Null?	Type	Description
CHARACTER28	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER29	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER30	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER31	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER32	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER33	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER34	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER35	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER36	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER37	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER38	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER39	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER40	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER41	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER42	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER43	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER44	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER45	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER46	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER47	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER48	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER49	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER50	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER51	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER52	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER53	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER54	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER55	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER56	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER57	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element

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Column Descriptions (Continued)

Name	Null?	Type	Description
CHARACTER58	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER59	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER60	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER61	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER62	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER63	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER64	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER65	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER66	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER67	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER68	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER69	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER70	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER71	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER72	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER73	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER74	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER75	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER76	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER77	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER78	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER79	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER80	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER81	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER82	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER83	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER84	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER85	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER86	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER87	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element

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Column Descriptions (Continued)

Name	Null?	Type	Description
CHARACTER88	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER89	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER90	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER91	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER92	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER93	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER94	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER95	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER96	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER97	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER98	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER99	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER100	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element

Indexes

Index Name	Index Type	Sequence	Column Name
QA_RESULTS_N1	NOT UNIQUE	1	ITEM_ID
		2	ORGANIZATION_ID
QA_RESULTS_N2	NOT UNIQUE	1	SERIAL_NUMBER
		2	ORGANIZATION_ID
QA_RESULTS_N3	NOT UNIQUE	1	COMP_SERIAL_NUMBER
		2	ORGANIZATION_ID
QA_RESULTS_N4	NOT UNIQUE	1	LOT_NUMBER
		2	ORGANIZATION_ID
QA_RESULTS_U1	UNIQUE	1	PLAN_ID
		2	COLLECTION_ID
		3	OCCURRENCE

Sequences

Sequence	Derived Column
QA_COLLECTION_ID_S	COLLECTION_ID
QA_OCCURRENCE_S	OCCURRENCE

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QA_RESULTS_INTERFACE

QA_RESULTS_INTERFACE is the Oracle Quality Open Interfaces table. QA_RESULTS_INTERFACE mimics the structure of QA_RESULTS and is the central entity of the collection import process. Users load rows of data into the QA_RESULTS_INTERFACE table and invoke a Collection Import Concurrent Manager request. Successfully processed data is then moved from the QA_RESULTS_INTERFACE table to the QA_RESULTS table. Oracle Quality supports dynamic views. These are created through the Collection Plan window. You can create both a dynamic plan view and a dynamic import view for a collection plan. The dynamic import view has the format Q_<plan>_IV where <plan> corresponds to the name of the collection plan on which the view is based. The dynamic import view can be used to insert values into the QA_RESULTS_INTERFACE table. This view resolves the generic CHARACTERx columns of the QA_RESULTS_INTERFACE table into meaningful columns based on the collection element name.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID	NULL	NUMBER	Collection Import transaction Identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
QA_LAST_UPDATED_BY	NULL	NUMBER	Quality Who column
QA_LAST_UPDATED_BY_NAME	NULL	VARCHAR2(100)	Quality Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
QA_CREATED_BY	NULL	NUMBER	Standard Who column
QA_CREATED_BY_NAME	NULL	VARCHAR2(100)	Quality Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_ID	NULL	NUMBER	Concurrent request Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent request Standard Who column
COLLECTION_ID	NULL	NUMBER	Result collection Identifier
GROUP_ID	NULL	NUMBER	A unique group ID assigned per plan per transaction worker for collection import transaction
SOURCE_CODE	NULL	VARCHAR2(30)	Identifies the source of quality data
SOURCE_LINE_ID	NULL	NUMBER	More detailed identification about the quality data
PROCESS_STATUS	NOT NULL	NUMBER	Indicates status of a row. Status could be pending, running, error, or successful completion
VALIDATE_FLAG	NULL	NUMBER	

Column Descriptions (Continued)

Name	Null?	Type	Description
MARKER	NULL	NUMBER	Indicates which rows have triggered actions or have actions assigned to them
ORGANIZATION_ID	NULL	NUMBER	Inventory Organization identifier
ORGANIZATION_CODE	NOT NULL	VARCHAR2(3)	Inventory organization code
PLAN_ID	NULL	NUMBER	Collection plan Identifier
PLAN_NAME	NOT NULL	VARCHAR2(30)	Collection plan name
SPEC_ID	NULL	NUMBER	Specification identifier
SPEC_NAME	NULL	VARCHAR2(30)	Specification name
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
DEPARTMENT	NULL	VARCHAR2(10)	Department Name
TO_DEPARTMENT_ID	NULL	NUMBER	To department Identifier
TO_DEPARTMENT	NULL	VARCHAR2(10)	To department code
RESOURCE_ID	NULL	NUMBER	Resource Identifier
RESOURCE_CODE	NULL	VARCHAR2(10)	Resource code
QUANTITY	NULL	NUMBER	Quantity is a hardcoded collection element in Oracle Quality
ITEM_ID	NULL	NUMBER	Item Identifier
ITEM	NULL	VARCHAR2(2000)	Item Description
UOM	NULL	VARCHAR2(3)	Unit of measurement
REVISION	NULL	VARCHAR2(3)	Revision is a hardcoded collection element
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory is a hardcoded collection element
LOCATOR_ID	NULL	NUMBER	Locator Identifier
LOCATOR	NULL	VARCHAR2(2000)	Locator description
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number
COMP_ITEM_ID	NULL	NUMBER	Component item Identifier
COMP_ITEM	NULL	VARCHAR2(2000)	Component item
COMP_UOM	NULL	VARCHAR2(3)	Component unit of measurement
COMP_REVISION	NULL	VARCHAR2(3)	Component revision
COMP_SUBINVENTORY	NULL	VARCHAR2(10)	Component subinventory
COMP_LOCATOR_ID	NULL	NUMBER	Component locator Identifier
COMP_LOCATOR	NULL	VARCHAR2(2000)	Component locator
COMP_LOT_NUMBER	NULL	VARCHAR2(30)	Component lot number
COMP_SERIAL_NUMBER	NULL	VARCHAR2(30)	Component serial number
WIP_ENTITY_ID	NULL	NUMBER	Wip Job or Schedule Identifier
JOB_NAME	NULL	VARCHAR2(240)	Wip Job Name
LINE_ID	NULL	NUMBER	Production line Identifier
PRODUCTION_LINE	NULL	VARCHAR2(10)	Production line description
TO_OP_SEQ_NUM	NULL	NUMBER	To operating sequence number
FROM_OP_SEQ_NUM	NULL	NUMBER	From operating sequence number
VENDOR_ID	NULL	NUMBER	Vendor Identifier
VENDOR_NAME	NULL	VARCHAR2(80)	Vendor name
RECEIPT_NUM	NULL	VARCHAR2(30)	Receipt number
PO_HEADER_ID	NULL	NUMBER	Purchasing document Identifier
PO_RELEASE_ID	NULL	NUMBER	Purchasing release Identifier
PO_RELEASE_NUM	NULL	NUMBER	Purchasing release Number
PO_TYPE_LOOKUP	NULL	VARCHAR2(25)	Purchase order type lookup
PO_NUMBER	NULL	VARCHAR2(20)	Purchase Order number
PO_LINE_NUM	NULL	NUMBER	Purchase Order line number
PO_SHIPMENT_NUM	NULL	NUMBER	Purchase Order Shipment Number
CUSTOMER_ID	NULL	NUMBER	Customer Identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name
SO_HEADER_ID	NULL	NUMBER	Sales order Identifier
SALES_ORDER	NULL	NUMBER	Sales order number
RESTRICT_LOCATORS_CODE	NULL	NUMBER	Locators restriction type
LOCATION_CONTROL_CODE	NULL	NUMBER	Stock locator control code
REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Revision quantity control code
RESTRICT_SUBINV_CODE	NULL	NUMBER	Subinventory restriction type
SUB_LOCATOR_TYPE	NULL	NUMBER	Subinventory level stock locator control type
GEN_LOC_CTRL_CODE	NULL	NUMBER	Organization level stock locator control code
COMP_RESTRICT_LOCATORS_CODE	NULL	NUMBER	Component locators restriction type
COMP_LOCATION_CONTROL_CODE	NULL	NUMBER	Component stock locator control code
COMP_REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Component revision quantity control code
COMP_RESTRICT_SUBINV_CODE	NULL	NUMBER	Component subinventory restriction type
COMP_SUB_LOCATOR_TYPE	NULL	NUMBER	Component subinventory level stock locator control type
PROJECT_ID	NULL	NUMBER	Project Identifier
PROJECT_NUMBER	NULL	VARCHAR2(25)	Project number
TASK_ID	NULL	NUMBER	Task Identifier
TASK_NUMBER	NULL	VARCHAR2(25)	Task number
STATUS	NULL	NUMBER	Flag to indicate whether this row is valid quality result or not. A value of NULL or 2 indicates valid row whereas a value of 1 indicates invalid row
TRANSACTION_DATE	NULL	DATE	Transaction Date
COMP_GEN_LOC_CTRL_CODE	NULL	NUMBER	
RMA_HEADER_ID	NULL	NUMBER	Return material authorization identifier
RMA_NUMBER	NULL	NUMBER	Return material authorization number
INSERT_TYPE	NULL	NUMBER	Indicates type of import transaction: 1 or Null means insert, and 2 means update
MATCHING_ELEMENTS	NULL	VARCHAR2(1000)	A comma-separated list of column names. The data in these columns will be used as search keys to find matching rows in collection import updates.
CHARACTER1	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER2	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER3	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER4	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER5	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER6	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER7	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element

Column Descriptions (Continued)

Name	Null?	Type	Description
CHARACTER8	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER9	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER10	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER11	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER12	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER13	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER14	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER15	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER16	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER17	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER18	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER19	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER20	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER21	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER22	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER23	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER24	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER25	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER26	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER27	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER28	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER29	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER30	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER31	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER32	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER33	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER34	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER35	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER36	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER37	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element

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Column Descriptions (Continued)

Name	Null?	Type	Description
CHARACTER41	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER42	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER43	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER44	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER45	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER46	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER47	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER48	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER49	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER50	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER51	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER52	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER53	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER54	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER55	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER56	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER57	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER58	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER59	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER60	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER61	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER62	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER63	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER64	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER65	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER66	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER67	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER68	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER69	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER70	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element

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Column Descriptions (Continued)

Name	Null?	Type	Description
CHARACTER71	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER72	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER73	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER74	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER75	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER76	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER77	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER78	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER79	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER80	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER81	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER82	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER83	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER84	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER85	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER86	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER87	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER88	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER89	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER90	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER91	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER92	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER93	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER94	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER95	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER96	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER97	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER98	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER99	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER100	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element

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Column Descriptions (Continued)

Name	Null?	Type	Description
CHARACTER38	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER39	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
CHARACTER40	NULL	VARCHAR2(150)	Generic placeholder column for user-defined collection element
PO_AGENT_ID	NULL	NUMBER	PO Buyer ID

Indexes

Index Name	Index Type	Sequence	Column Name
QA_RESULTS_INTERFACE_N1	NOT UNIQUE	2	GROUP_ID
		4	PROCESS_STATUS

Sequences

Sequence	Derived Column
QA_TXN_INTERFACE_S	TRANSACTION_INTERFACE_ID

QA_RESULTS_UPDATE_HISTORY

QA_RESULTS_UPDATE_HISTORY maintains an audit of all of the updates made to the QA_RESULTS table through Collection Import. For each updated collection element in QA_RESULTS, an entry is logged into QA_RESULTS_UPDATE_HISTORY to record both the element that is being updated and its original value.

Column Descriptions

Name	Null?	Type	Description
OCCURRENCE	NULL	NUMBER	Foreign key to QA_RESULTS
UPDATE_ID (PK)	NOT NULL	NUMBER	Unique Identifier to update record
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
TXN_HEADER_ID	NULL	NUMBER	Transaction header Identifier. This column is used to trigger actions
CHAR_ID	NULL	NUMBER	Collection element Identifier
OLD_VALUE	NULL	VARCHAR2(150)	Old value of the collection element
REQUEST_ID	NULL	NUMBER(15)	Standard concurrent request Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard concurrent request Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard concurrent request Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard concurrent request Who column

Indexes

Index Name	Index Type	Sequence	Column Name
QA_RESULTS_UPDATE_HISTORY_N1	NOT UNIQUE	2	CHAR_ID
QA_RESULTS_UPDATE_HISTORY_U1	UNIQUE	2	UPDATE_ID

QA_SPECS

QA_SPECS defines specifications and contains information on the entities that a specification is associated with. A specification could be associated with an item, item-supplier, or item-customer. Specifications can be further controlled by associating them with a particular collection element and value pair (called a specification subtype). QA_SPECS has a parent-to-child relationship with QA_SPECS_CHARS.

Column Descriptions

Name	Null?	Type	Description
SPEC_ID (PK)	NOT NULL	NUMBER	Specification 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
SPEC_NAME	NOT NULL	VARCHAR2(30)	Specification name
ORGANIZATION_ID	NULL	NUMBER	Inventory organization Identifier
EFFECTIVE_FROM	NULL	DATE	Date from which specification is effective
EFFECTIVE_TO	NULL	DATE	Date up to which specification is effective
COMMON_SPEC_ID	NOT NULL	NUMBER	No longer used
ASSIGNMENT_TYPE	NOT NULL	NUMBER	Indicates the type of specification assignment. Specification could be assigned to item, item-supplier, or item-customer
CATEGORY_SET_ID	NOT NULL	NUMBER	Category set Identifier
CATEGORY_ID	NOT NULL	NUMBER	Category Identifier
ITEM_ID	NOT NULL	NUMBER	Item Identifier
ITEM_REVISION	NOT NULL	VARCHAR2(4)	Item revision
VENDOR_ID	NOT NULL	NUMBER	Vendor Identifier
CUSTOMER_ID	NOT NULL	NUMBER	Customer Identifier
HIDE_PLAN_CHARS_FLAG	NOT NULL	NUMBER	No longer used
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

Column Descriptions (Continued)

Name	Null?	Type	Description
CHAR_ID	NULL	NUMBER	Collection element Identifier which is used to define spec subtype.
SPEC_ELEMENT_VALUE	NULL	VARCHAR2(150)	Specification subtype value

Indexes

Index Name	Index Type	Sequence	Column Name
QA_SPECS_N1	NOT UNIQUE	2	COMMON_SPEC_ID
QA_SPECS_U1	UNIQUE	1	SPEC_ID
QA_SPECS_U2	UNIQUE	1	SPEC_NAME
QA_SPECS_U3	UNIQUE	2	ORGANIZATION_ID
		4	ITEM_ID
		6	ITEM_REVISION
		8	VENDOR_ID
		10	CUSTOMER_ID
		12	CATEGORY_SET_ID
		14	CATEGORY_ID
		16	CHAR_ID
		18	SPEC_ELEMENT_VALUE

Sequences

Sequence	Derived Column
QA_SPECS_S	SPEC_ID

QA_SPEC_CHARS

QA_SPECS_CHARS defines specifications and specification elements. Each specification can contain multiple collection elements, each with a different set of upper and lower range limits. Each row of the table represents a collection element and contains that collection element's target value, specification value range, reasonable range, and user-defined range. The specification range helps the user during data entry. Any value that lies outside of the reasonable range is rejected.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	CHAR_ID
QA_SPECS	SPEC_ID	SPEC_ID

Column Descriptions

Name	Null?	Type	Description
SPEC_ID (PK)	NOT NULL	NUMBER	Specification Identifier
CHAR_ID (PK)	NOT NULL	NUMBER	Collection element 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
ENABLED_FLAG	NULL	NUMBER	Flag to indicate whether specification limits for a collection element are enabled
TARGET_VALUE	NULL	VARCHAR2(150)	Collection element target value as defined in specification
UPPER_SPEC_LIMIT	NULL	VARCHAR2(150)	Upper specification limit
LOWER_SPEC_LIMIT	NULL	VARCHAR2(150)	Lower specification limit
UPPER_REASONABLE_LIMIT	NULL	VARCHAR2(150)	Upper reasonable limit for the collection element. This is the maximum allowable collection element value during data entry. This value can be greater than upper spec limit and upper user defined limit
LOWER_REASONABLE_LIMIT	NULL	VARCHAR2(150)	Lower reasonable limit for the collection element. This is the minimum allowable collection element value during data entry. This value can be less than lower spec limit and lower user-defined limit
UPPER_USER_DEFINED_LIMIT	NULL	VARCHAR2(150)	Upper user-defined limit for the collection element. This value can be greater than upper spec limit
LOWER_USER_DEFINED_LIMIT	NULL	VARCHAR2(150)	Lower user-defined limit for the collection element. This value can be less than lower spec limit
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
QA_SPEC_CHARS_U1	UNIQUE	1	SPEC_ID
		2	CHAR_ID

QA_TXN_COLLECTION_TRIGGERS

QA_TXN_COLLECTION_TRIGGERS contains all of the collection elements that can be used as collection triggers for a specific Quality collection plan associated with a transaction. If a collection plan is invoked from a transaction, such as WIP Move or PO Receiving transaction, its collection elements are copied over from the parent transaction window. A collection plan can be set to be triggered from a parent transaction window based on the value of these collection elements. Each row of the table represents a collection element database field in which the collection element is stored, and window field name to which this collection element is mapped in the parent transaction window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
QA_CHARS	CHAR_ID	COLLECTION_TRIGGER_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSACTION_NUMBER	QA_TXN_NAME	MFG_LOOKUPS
	1	Move transaction (Oracle Work in Process)
	20	Service Requests (Oracle Service)
	21	Inspection Transactions (Oracle Purchasing)
	6	Receiving transactions (Oracle Purchasing)

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_NUMBER (PK)	NOT NULL	NUMBER	Quality transaction Identifier. For example, WIP Move Transaction is identified as Transaction 1 in Quality.
COLLECTION_TRIGGER_ID (PK)	NOT NULL	NUMBER	Collection element 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		NUMBER	Standard Who column
DATABASE_FIELD	NULL	VARCHAR2(100)	Underlying database field name for collection element. For example, database field for WIP job is WIP_ENTITY_ID
NON_DATABASE_FIELD	NULL	VARCHAR2(100)	Collection element field name as it appears on the parent transaction form
FORM_DESCRIPTION	NULL	VARCHAR2(80)	Description of collection element with respect to parent transaction

Indexes

Index Name	Index Type	Sequence	Column Name
QA_TXN_COLLECTION_TRIGGERS_U1	UNIQUE	1	TRANSACTION_NUMBER
		2	COLLECTION_TRIGGER_ID

RA_CUSTOMERS

This table stores your customer header information. Only information related to the customer entity is stored in this table. Any information specific to an address for a given customer is stored in **RA_ADDRESSES_ALL**. You need one row for each customer in Oracle Receivables.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AR_VAT_TAX_ALL_B	TAX_CODE	TAX_CODE
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA
RA_SALESREPS_ALL	SALESREP_ID	PRIMARY_SALESREP_ID
RA_SITE_USES_ALL	SITE_USE_ID	DUNNING_SITE_USE_ID
RA_SITE_USES_ALL	SITE_USE_ID	STATEMENT_SITE_USE_ID
RA_TERMS_B	TERM_ID	PAYMENT_TERM_ID
SO_ORDER_TYPES_115_ALL	ORDER_TYPE_ID	ORDER_TYPE_ID
SO_PRICE_LISTS_B	PRICE_LIST_ID	PRICE_LIST_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CUSTOMER_TYPE	CUSTOMER_TYPE	AR_LOOKUPS
	I	Internal
	R	External
TAX_EXEMPT	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
CUSTOMER_ID (PK)	NOT NULL	NUMBER(15)	Customer identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CUSTOMER_NAME	NOT NULL	VARCHAR2(50)	Customer name
CUSTOMER_NUMBER	NOT NULL	VARCHAR2(30)	Customer number
ORIG_SYSTEM_REFERENCE	NOT NULL	VARCHAR2(240)	Unique customer identifier from foreign system
STATUS	NOT NULL	VARCHAR2(1)	Customer status flag. Lookup code for 'CODE_STATUS'
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CUSTOMER_TYPE	NULL	VARCHAR2(25)	Receivables lookup code for CUSTOMER_TYPE (I for internal customers; R for external customers)
CUSTOMER_PROSPECT_CODE	NOT NULL	VARCHAR2(30)	Indicates whether customer, prospect, or neither
CUSTOMER_CLASS_CODE	NULL	VARCHAR2(30)	Customer class identifier
PRIMARY_SALESREP_ID	NULL	NUMBER(15)	Primary sales rep identifier
SALES_CHANNEL_CODE	NULL	VARCHAR2(30)	Order Entry lookup code for SALES_CHANNEL
SIC_CODE	NULL	VARCHAR2(30)	Standard Industry Classification code

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORDER_TYPE_ID	NULL	NUMBER(15)	Order type identifier
PRICE_LIST_ID	NULL	NUMBER(15)	Price list identifier
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Structure Defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
REQUEST_ID	NULL	NUMBER(15)	Request identifier of last concurrent program to update this record
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Application identifier of last concurrent program to update this record
PROGRAM_ID	NULL	NUMBER(15)	Program identifier of last concurrent program to update this record
PROGRAM_UPDATE_DATE	NULL	DATE	Last update date of this record by a concurrent program
ANALYSIS_FY	NULL	VARCHAR2(5)	Fiscal Year upon which financial information is based (net worth, number of employees, potential revenue)
CUSTOMER_CATEGORY_CODE	NULL	VARCHAR2(30)	User-definable category (lookup type = CUSTOMER_CATEGORY)
CUSTOMER_GROUP_CODE	NULL	VARCHAR2(30)	No longer used
CUSTOMER_KEY	NULL	VARCHAR2(50)	Derived key created by Oracle Sales and Marketing to facilitate querying
CUSTOMER_SUBGROUP_CODE	NULL	VARCHAR2(30)	No longer used
FISCAL_YEAREND_MONTH	NULL	VARCHAR2(30)	Month in which fiscal year ends for customer
NET_WORTH	NULL	NUMBER	No longer used
NUM_OF_EMPLOYEES	NULL	NUMBER(15)	Number of employees of customer
POTENTIAL_REVENUE_CURR_FY	NULL	NUMBER	Potential revenue this fiscal year for customer
POTENTIAL_REVENUE_NEXT_FY	NULL	NUMBER	Potential revenue next fiscal year for customer
RANK	NULL	VARCHAR2(30)	No longer used
REFERENCE_USE_FLAG	NULL	VARCHAR2(1)	Indicates whether customer has agreed to be a reference (null means No)
TAX_CODE	NULL	VARCHAR2(50)	Tax code for this customer
TAX_REFERENCE	NULL	VARCHAR2(50)	Taxpayer identification number

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment column
THIRD_PARTY_FLAG	NULL	VARCHAR2(1)	This flag tracks whether a customer is a direct customer of the organization using AR or a third party vendor of some sort. If Oracle Service is installed, the Third Party field in the Customers window should be mandatory
ACCESS_TEMPLATE_ENTITY_CODE	NULL	VARCHAR2(30)	This column is for the Access Control feature. It tracks which template attribute to use to automatically create new access control templates for a given customer.
PRIMARY_SPECIALIST_ID	NULL	NUMBER(15)	This column is for the service personnel dispatching feature in Incident Tracking. This column is a foreign key to PER_PEOPLE.
SECONDARY_SPECIALIST_ID	NULL	NUMBER(15)	This column is for the service personnel dispatching feature in Incident Tracking. This column is a foreign key to PER_PEOPLE.
COMPETITOR_FLAG	NULL	VARCHAR2(1)	Indicates whether organization is a competitor (null means No)
DUNNING_SITE_USE_ID	NULL	NUMBER(15)	Dunning site identifier
STATEMENT_SITE_USE_ID	NULL	NUMBER(15)	Statement site
ORIG_SYSTEM	NULL	VARCHAR2(30)	Source of record [partners with ORIG_SYSTEM_REF]
YEAR_ESTABLISHED	NULL	NUMBER(4)	Year in which customer began doing business
COTERMINATE_DAY_MONTH	NULL	VARCHAR2(6)	Values for this column will take the form DD-MON. Identifies the date on which services ordered by the customer will end.
FOB_POINT	NULL	VARCHAR2(30)	Group responsible for freight
FREIGHT_TERM	NULL	VARCHAR2(30)	Order Entry lookup code for FREIGHT_TERMS
GSA_INDICATOR	NULL	VARCHAR2(1)	Flag to indicate whether this is a public sector service agency
SHIP_PARTIAL	NULL	VARCHAR2(1)	Flag if partial shipments are sent
SHIP_VIA	NULL	VARCHAR2(25)	Name of shipping firm
WAREHOUSE_ID	NULL	NUMBER(15)	Warehouse identifier
PAYMENT_TERM_ID	NULL	NUMBER(15)	This column is not used by AR. (used by Oracle Order Entry)
TAX_EXEMPT	NULL	VARCHAR2(1)	No longer used
TAX_EXEMPT_NUM	NULL	VARCHAR2(30)	No longer used
TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	No longer used

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Column Descriptions (Continued)

Name	Null?	Type	Description
JGZZ_FISCAL_CODE	NULL	VARCHAR2(20)	This column is used as the "Fiscal Code" for certain European Countries
DO_NOT_MAIL_FLAG	NULL	VARCHAR2(1)	Determines whether you can send printed documents to the customer
MISSION_STATEMENT	NULL	VARCHAR2(2000)	Oracle Sales and Marketing column (corporate charter of customer)
CUSTOMER_NAME_PHONETIC	NULL	VARCHAR2(320)	Japanese Kana, or phonetic representation of customer name
TAX_HEADER_LEVEL_FLAG	NULL	VARCHAR2(1)	Tax calculation level (Y means Header; N means Line)
TAX_ROUNDING_RULE	NULL	VARCHAR2(30)	Tax amount rounding rule
WH_UPDATE_DATE	NULL	DATE	Warehouse update date when record was recorded or changed
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved For Globalization Functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved For Globalization Functionality
URL	NULL	VARCHAR2(240)	Uniform Resource Locator (Customers Home Page Address on World Wide Web)

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Column Descriptions (Continued)

Name	Null?	Type	Description
PERSON_FLAG	NULL	VARCHAR2(1)	Indicates whether the customer is a person (rather than a business or company)
FIRST_NAME	NULL	VARCHAR2(50)	First Name of the person
LAST_NAME	NULL	VARCHAR2(50)	Last Name of the person
DATES_NEGATIVE_TOLERANCE	NULL	NUMBER	Negative tolerance for acceptable dates
DATES_POSITIVE_TOLERANCE	NULL	NUMBER	Positive tolerance for acceptable dates
DATE_TYPE_PREFERENCE	NULL	VARCHAR2(20)	Preference for ship or arrival dates
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Percentage tolerance for over shipment
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Percentage tolerance for under shipment
ITEM_CROSS_REF_PREF	NULL	VARCHAR2(30)	Lookup for item cross reference preference for placing orders
OVER_RETURN_TOLERANCE	NULL	NUMBER	Percentage tolerance for over return
UNDER_RETURN_TOLERANCE	NULL	NUMBER	Percentage tolerance for under return
SHIP_SETS_INCLUDE_LINES_FLAG	NULL	VARCHAR2(1)	Y if lines should automatically be included in ship sets
ARRIVALSETS_INCLUDE_LINES_FLAG	NULL	VARCHAR2(1)	Y if lines should automatically be included in arrival sets
SCHED_DATE_PUSH_FLAG	NULL	VARCHAR2(1)	Y if group schedule date should automatically be pushed
INVOICE_QUANTITY_RULE	NULL	VARCHAR2(30)	Rule to indicate whether to invoice for ordered quantity or fulfilled quantity
PRICING_EVENT	NULL	VARCHAR2(30)	Event at which to price orders. For example, at entry, at shipping, or at invoicing.

Indexes

Index Name	Index Type	Sequence	Column Name
RA_CUSTOMERS_N1	NOT UNIQUE	1	CUSTOMER_NAME
RA_CUSTOMERS_N2	NOT UNIQUE	1	CREATION_DATE
RA_CUSTOMERS_N3	NOT UNIQUE	2	CUSTOMER_KEY
RA_CUSTOMERS_N4	NOT UNIQUE	2	JGZZ_FISCAL_CODE
RA_CUSTOMERS_U1	UNIQUE	2	CUSTOMER_ID
RA_CUSTOMERS_U2	UNIQUE	1	ORIG_SYSTEM_REFERENCE
RA_CUSTOMERS_U3	UNIQUE	1	CUSTOMER_NUMBER

Sequences

Sequence	Derived Column
RA_CUSTOMERS_S	CUSTOMER_ID
RA_CUSTOMERS_NUM_S	CUSTOMER_NUMBER

SO_HEADERS_ALL

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_METHOD_CODE
RA_CONTACTS	CONTACT_ID	ORDERED_BY_CONTACT_ID
RA_CONTACTS	CONTACT_ID	INVOICE_TO_CONTACT_ID
RA_CONTACTS	CONTACT_ID	SHIP_TO_CONTACT_ID
RA_CUSTOMERS	CUSTOMER_ID	CUSTOMER_ID
RA_RULES	RULE_ID	ACCOUNTING_RULE_ID
RA_SALESREPS_ALL	SALESREP_ID	SALESREP_ID
RA_SITE_USES_ALL	SITE_USE_ID	INVOICE_TO_SITE_USE_ID
RA_SITE_USES_ALL	SITE_USE_ID	SHIP_TO_SITE_USE_ID
RA_TERMS_B	TERM_ID	TERMS_ID
SO_AGREEMENTS_B	AGREEMENT_ID	AGREEMENT_ID
SO_CYCLES	CYCLE_ID	CYCLE_ID
SO_HEADERS_ALL	HEADER_ID	SOURCE_HEADER_ID
SO_ORDER_TYPES_115_ALL	ORDER_TYPE_ID	ORDER_TYPE_ID
SO_PRICE_LISTS_B	PRICE_LIST_ID	PRICE_LIST_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CONVERSION_TYPE_CODE	EXCHANGE_RATE_TYPE	AR_LOOKUPS
FOB_CODE	FOB	AR_LOOKUPS
	BUY	Buyer
	CUSTOMER SITE	Customer Site
	FACTORY	Factory
	LOAD	Loading Dock
	SEL	Seller
	SHIP POINT	Shipping Point
	User defined	
PAYMENT_TYPE_CODE	CASH_RECEIPT_TYPE	AR_LOOKUPS
CANCELLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CREDIT_CARD_CODE	CREDIT_CARD	OE_LOOKUPS
DEMAND_CLASS_CODE	DEMAND_CLASS_CODE	OE_LOOKUPS
FREIGHT_TERMS_CODE	FREIGHT_TERMS	OE_LOOKUPS
OPEN_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
ORDER_CATEGORY	ORDER_CATEGORY	SO_LOOKUPS
	I	Internal
	R	Regular
	RMA	Return
	S	Service
SALES_CHANNEL_CODE	SALES_CHANNEL	OE_LOOKUPS
SHIPMENT_PRIORITY_CODE	SHIPMENT_PRIORITY	OE_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
SHIP_PARTIAL_FLAG	YES_NO N Y	FND_LOOKUPS No Yes
TAX_EXEMPT_REASON_CODE	TAX_REASON	AR_LOOKUPS

Column Descriptions

Name	Null?	Type	Description
HEADER_ID (PK)	NOT NULL	NUMBER	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
REQUEST_ID	NULL	NUMBER	Concurrent request that last updated row
PROGRAM_APPLICATION_ID	NULL	NUMBER	Application of concurrent program which last updated row
PROGRAM_ID	NULL	NUMBER	Concurrent program that last updated row
PROGRAM_UPDATE_DATE	NULL	DATE	Last date changed by concurrent program
ORDER_NUMBER	NOT NULL	NUMBER	User-visible number of order
ORDER_CATEGORY	NOT NULL	VARCHAR2(30)	Identifies whether the order is a regular order, return or internal sales order
ORIGINAL_SYSTEM_SOURCE_CODE	NULL	VARCHAR2(30)	Order Import source
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Order Import original source order number
SOURCE_HEADER_ID	NULL	NUMBER	The HEADER_ID of the order from which this order was copied
ORDER_TYPE_ID	NOT NULL	NUMBER	Order type
CYCLE_ID	NOT NULL	NUMBER	Order cycle this order will follow
DATE_ORDERED	NULL	DATE	Date order was placed
OPEN_FLAG	NULL	VARCHAR2(1)	Indicates whether the order is open
CANCELLED_FLAG	NULL	VARCHAR2(1)	Indicates whether the entire order is canceled
CUSTOMER_ID	NULL	NUMBER	Sold-to customer
ORDERED_BY_CONTACT_ID	NULL	NUMBER	Contact that placed the order
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Order level ship-to customer/address
SHIP_TO_CONTACT_ID	NULL	NUMBER	Contact for shipping
INVOICE_TO_SITE_USE_ID	NULL	NUMBER	Order level invoice-to customer/address
INVOICE_TO_CONTACT_ID	NULL	NUMBER	Contact for invoicing
PURCHASE_ORDER_NUM	NULL	VARCHAR2(50)	Customer purchase order number
DATE_REQUESTED_CURRENT	NULL	DATE	Customer request date
SHIPMENT_PRIORITY_CODE	NULL	VARCHAR2(30)	Shipment priority
SHIP_METHOD_CODE	NULL	VARCHAR2(30)	Freight carrier
FREIGHT_TERMS_CODE	NULL	VARCHAR2(30)	Freight terms
FOB_CODE	NULL	VARCHAR2(30)	Point of ownership transfer
SHIP_PARTIAL_FLAG	NULL	VARCHAR2(1)	Indicates whether all items on the order must ship together or can ship separately
WAREHOUSE_ID	NULL	NUMBER	Warehouse (Organization)
DEMAND_CLASS_CODE	NULL	VARCHAR2(30)	Demand class

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Column Descriptions (Continued)

Name	Null?	Type	Description
SHIPPING_INSTRUCTIONS	NULL	VARCHAR2(240)	Special shipping instructions
PACKING_INSTRUCTIONS	NULL	VARCHAR2(240)	Special packing instructions
AGREEMENT_ID	NULL	NUMBER	Agreement associated with order
SALESREP_ID	NULL	NUMBER	Primary salesperson
SALES_CHANNEL_CODE	NULL	VARCHAR2(30)	Sales channel through which order was placed
PRICE_LIST_ID	NULL	NUMBER	Price list for order lines
CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency for the order
CONVERSION_TYPE_CODE	NULL	VARCHAR2(30)	Currency conversion type
CONVERSION_RATE	NULL	NUMBER	Rate of currency conversion
CONVERSION_DATE	NULL	DATE	Date of currency conversion
TERMS_ID	NULL	NUMBER	Payment terms
INVOICING_RULE_ID	NULL	NUMBER	Invoicing rule
ACCOUNTING_RULE_ID	NULL	NUMBER	Accounting rule
TAX_EXEMPT_FLAG	NULL	VARCHAR2(1)	Tax-exempt indicator
TAX_EXEMPT_NUM	NULL	VARCHAR2(80)	Tax exemption certificate number
TAX_EXEMPT_REASON_CODE	NULL	VARCHAR2(30)	Tax exemption reason
PAYMENT_TYPE_CODE	NULL	VARCHAR2(30)	Type of payment for order
PAYMENT_AMOUNT	NULL	NUMBER	Amount being paid
CHECK_NUMBER	NULL	VARCHAR2(50)	Check number
CREDIT_CARD_CODE	NULL	VARCHAR2(30)	Credit card name
CREDIT_CARD HOLDER_NAME	NULL	VARCHAR2(50)	Credit card cardholder name
CREDIT_CARD_NUMBER	NULL	VARCHAR2(50)	Credit card number
CREDIT_CARD_EXPIRATION_DATE	NULL	DATE	Credit card expiration date
CREDIT_CARD_APPROVAL_CODE	NULL	VARCHAR2(50)	Credit card approval code
ORG_ID	NULL	NUMBER	Operating unit which performed this transaction
WH_UPDATE_DATE	NULL	DATE	Used by Data Warehousing to determine whether any changes have occurred
DATE_SVRID	NULL	NUMBER	Standard value rule from which DATE_ORDERED is derived.
ENTRY_STATUS_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
TYPE_SVRID	NULL	NUMBER	Standard value rule from which Order Type is derived
CUSTOMER_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CONTACT_SVRID	NULL	NUMBER	Standard value rule from which Ordered By Contact is derived
SHIP_TO_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
SHIP_TO_CONTACT_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
INVOICE_TO_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
INVOICE_TO_CONTACT_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
AGREEMENT_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
PO_NUMBER_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
REQUEST_DATE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
SALESPERSON_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived

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Column Descriptions (Continued)

Name	Null?	Type	Description
SALES_CHANNEL_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
PRICE_LIST_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CURRENCY_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CONVERSION_TYPE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CONVERSION_DATE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CONVERSION_RATE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
INVOICING_RULE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
ACCOUNTING_RULE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
PAYMENT_TERMS_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
TAX_EXEMPT_NUMBER_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
TAX_EXEMPT_REASON_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
SHIPMENT_PRIORITY_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
FREIGHT_CARRIER_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
FREIGHT_TERMS_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
FOB_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
SHIP_PARTIAL_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
WAREHOUSE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
DEMAND_CLASS_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
PACKING_INSTRUCTIONS_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
SHIPPING_INSTRUCTIONS_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
PAYMENT_TYPE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
PAYMENT_AMOUNT_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CHECK_NUMBER_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CREDIT_CARD_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CREDIT_CARD_HOLDER_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CREDIT_CARD_NUMBER_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CREDIT_CARD_EXP_DATE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
CREDIT_CARD_APP_CODE_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
DF_SVRID	NULL	NUMBER	Standard value rule from which attribute is derived
S1	NULL	NUMBER	Entry action status column
S1_DATE	NULL	DATE	Entry action status date column
S2	NULL	NUMBER	Cycle action status column

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Column Descriptions (Continued)

Name	Null?	Type	Description
S2_DATE	NULL	DATE	Cycle action status date column
S3	NULL	NUMBER	Cycle action status column
S3_DATE	NULL	DATE	Cycle action status date column
S4	NULL	NUMBER	Cancel Order action status column
S4_DATE	NULL	DATE	Cancel Order action status date column
S5	NULL	NUMBER	Cycle action status column
S5_DATE	NULL	DATE	Cycle action status date column
S6	NULL	NUMBER	Complete Order action status column
S6_DATE	NULL	DATE	Complete Order action status date column
S7	NULL	NUMBER	Cycle action status column
S7_DATE	NULL	DATE	Cycle action status date column
S8	NULL	NUMBER	Cycle action status column
S8_DATE	NULL	DATE	Cycle action status date column
S9	NULL	NUMBER	Cycle action status column
S9_DATE	NULL	DATE	Cycle action status date column
S10	NULL	NUMBER	Cycle action status column
S10_DATE	NULL	DATE	Cycle action status date column
S11	NULL	NUMBER	Cycle action status column
S11_DATE	NULL	DATE	Cycle action status date column
S12	NULL	NUMBER	Cycle action status column
S12_DATE	NULL	DATE	Cycle action status date column
S13	NULL	NUMBER	Cycle action status column
S13_DATE	NULL	DATE	Cycle action status date column
S14	NULL	NUMBER	Cycle action status column
S14_DATE	NULL	DATE	Cycle action status date column
S15	NULL	NUMBER	Cycle action status column
S15_DATE	NULL	DATE	Cycle action status date column
S16	NULL	NUMBER	Cycle action status column
S16_DATE	NULL	DATE	Cycle action status date column
S17	NULL	NUMBER	Cycle action status column
S17_DATE	NULL	DATE	Cycle action status date column
S18	NULL	NUMBER	Cycle action status column
S18_DATE	NULL	DATE	Cycle action status date column
S19	NULL	NUMBER	Cycle action status column
S19_DATE	NULL	DATE	Cycle action status date column
S20	NULL	NUMBER	Cycle action status column
S20_DATE	NULL	DATE	Cycle action status date column
S21	NULL	NUMBER	Cycle action status column
S21_DATE	NULL	DATE	Cycle action status date column
S22	NULL	NUMBER	Cycle action status column
S22_DATE	NULL	DATE	Cycle action status date column
S23	NULL	NUMBER	Cycle action status column
S23_DATE	NULL	DATE	Cycle action status date column
S24	NULL	NUMBER	Cycle action status column
S24_DATE	NULL	DATE	Cycle action status date column
S25	NULL	NUMBER	Cycle action status column
S25_DATE	NULL	DATE	Cycle action status date column
S26	NULL	NUMBER	Cycle action status column
S26_DATE	NULL	DATE	Cycle action status date column
S27	NULL	NUMBER	Cycle action status column
S27_DATE	NULL	DATE	Cycle action status date column

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Column Descriptions (Continued)

Name	Null?	Type	Description
S28	NULL	NUMBER	Cycle action status column
S28_DATE	NULL	DATE	Cycle action status date column
S29	NULL	NUMBER	Cycle action status column
S29_DATE	NULL	DATE	Cycle action status date column
S30	NULL	NUMBER	Cycle action status column
S30_DATE	NULL	DATE	Cycle action status date column
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
UPGRADE_FLAG	NULL	VARCHAR2(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
SO_HEADERS_N1	NOT UNIQUE	1	CUSTOMER_ID
SO_HEADERS_N10	NOT UNIQUE	1	WH_UPDATE_DATE
SO_HEADERS_N11	NOT UNIQUE	0	SHIP_TO_SITE_USE_ID
SO_HEADERS_N2	NOT UNIQUE	1	OPEN_FLAG
SO_HEADERS_N3	NOT UNIQUE	1	PURCHASE_ORDER_NUM
SO_HEADERS_N4	NOT UNIQUE	1	INVOICE_TO_SITE_USE_ID
SO_HEADERS_N5	NOT UNIQUE	1	ORIGINAL_SYSTEM_REFERENCE
SO_HEADERS_N6	NOT UNIQUE	1	S1
SO_HEADERS_N7	NOT UNIQUE	1	S4
SO_HEADERS_N8	NOT UNIQUE	1	S6
SO_HEADERS_N9	NOT UNIQUE	1	ORIGINAL_SYSTEM_REFERENCE
		2	ORIGINAL_SYSTEM_SOURCE_CODE
SO_HEADERS_U1	UNIQUE	1	HEADER_ID
SO_HEADERS_U2	UNIQUE	1	ORDER_NUMBER
		2	ORDER_TYPE_ID

Sequences

Sequence	Derived Column
SO_HEADERS_S	HEADER_ID

WIP_ENTITIES

WIP_ENTITIES stores information about jobs, repetitive assemblies, and flow schedules. Each row includes a unique entity name, the entity type, and the assembly being built. Oracle Work in Process uses this information to control production activities and to ensure that entities with duplicate names are not created.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENTITY_TYPE	WIP_ENTITY 1 2 3 4	MFG_LOOKUPS Discrete job Repetitive assembly Closed discrete job Flow schedule

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	Job or schedule Identifier
ORGANIZATION_ID	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
REQUEST_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
WIP_ENTITY_NAME	NOT NULL	VARCHAR2(240)	WIP job or repetitive assembly name or flow schedule reference code
ENTITY_TYPE	NOT NULL	NUMBER	WIP entity type code
DESCRIPTION	NULL	VARCHAR2(240)	Description of the discrete job or repetitive assembly
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly the job or schedule creates

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_ENTITIES_N1	NOT UNIQUE	2 4	PRIMARY_ITEM_ID ORGANIZATION_ID
WIP_ENTITIES_U1	UNIQUE	1	WIP_ENTITY_ID
WIP_ENTITIES_U2	UNIQUE	3 4	WIP_ENTITY_NAME ORGANIZATION_ID

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Sequences

Sequence	Derived Column
WIP_ENTITIES_S	WIP_ENTITY_ID

WIP_LINES

WIP_LINES stores production line information. Each row includes a line name, maximum and minimum rate information, throughput for rate based lines (i.e., lead time), and the start and stop time information that determines the amount of time per day the line is available. Oracle Work in Process uses this information when you associate a line with a repetitive assembly and when you define a repetitive schedule on the line. Production line information is optional for discrete jobs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LINE_SCHEDULE_TYPE	WIP_LINE_SCHED_TYPE	MFG_LOOKUPS
	1	Fixed
	2	Routing-based

Column Descriptions

Name	Null?	Type	Description
LINE_ID (PK)	NOT NULL	NUMBER	WIP line identifier
ORGANIZATION_ID	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		NUMBER	Standard Who column
LINE_CODE	NOT NULL	VARCHAR2(10)	Line name
DESCRIPTION		VARCHAR2(240)	Descriptive text
DISABLE_DATE		DATE	Disable date
MINIMUM_RATE	NOT NULL	NUMBER	Hourly minimum rate
MAXIMUM_RATE	NOT NULL	NUMBER	Hourly maximum rate
FIXED_THROUGHPUT		NUMBER	Fixed lead time hours
LINE_SCHEDULE_TYPE	NOT NULL	NUMBER	Method of calculating the lead time for an assembly on the line
SCHEDULING_METHOD_ID		NUMBER	Scheduling method identifier
START_TIME	NOT NULL	NUMBER	Start time of the line
STOP_TIME	NOT NULL	NUMBER	Stop time of the line
ATTRIBUTE_CATEGORY		VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9		VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10		VARCHAR2(150)	Descriptive Flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
ATP_RULE_ID	NULL	NUMBER	Identifies ATP Rule, which is used for ATP/CTP projects.
EXCEPTION_SET_NAME	NULL	VARCHAR2(10)	Exception set name used in Planning

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_LINES_U1	UNIQUE	1	LINE_ID
		2	ORGANIZATION_ID
WIP_LINES_U3	UNIQUE	1	LINE_CODE
		2	ORGANIZATION_ID

Sequences

Sequence	Derived Column
WIP_LINES_S	LINE_ID

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