Oracle® Bills of Material Technical Reference Manual

RELEASE 11*i*

May 2001

A90198_01

ORACLE®

Oracle® Bills of Material Technical Reference Manual
Release 11*i*

The part number for this book is A90196–01**.** To order this book, use set part number A90198–01**.**

Copyright © 1999, 2001. Oracle Corporation. All rights reserved.

Major Contributors: Amy Sonczalla, Girish Divate, Wilson Lau, Manimaran Govindaraju, Sachin Patel

Contributors: Martin Ertel, Zoe Mitchell

This Technical Reference Manual (TRM) in any form, software or printed matter, contains proprietary information of Oracle Corporation; it is provided under an Oracle Corporation agreement containing restrictions on use and disclosure and is also protected by copyright, patent, and other intellectual property law. Restrictions applicable to this TRM include, but are not limited to: (a) exercising either the same degree of care to safeguard the confidentiality of this TRM as you exercise to safeguard the confidentiality of your own most important Confidential Information or a reasonable degree of care, whichever is greater; (b) maintaining agreements with your employees and agents that protect the Confidential Information of third parties such as Oracle Corporation and instructing such employees and agents of these requirements for this TRM; (c) restricting disclosure of this TRM to those of your employees who have a "need to know" consistent with the purposes for which this TRM was disclosed to you; (d) maintaining this TRM at all times on your premises; (e) not removing or destroying any proprietary or confidential legends or markings placed upon this TRM in whatever form, software or printed matter; and (f) not reproducing or transmitting this TRM in any form or by any means, electronic or mechanical, for any purpose, without the express written permission of Oracle Corporation. You should not use this TRM in any form, software or printed matter, to create software that performs the same or similar functions as any Oracle Corporation products.

The information in this TRM is subject to change without notice. If you find any problems in the TRM in any form, software or printed matter, please report them to us in writing. Oracle Corporation does not warrant that this TRM is error–free. This TRM is provided to customer "as–is" with no warranty of any kind. This TRM does not constitute Documentation as that term is defined in Oracle's agreements.

Reverse engineering of the Programs (software and documentation) associated with this TRM are prohibited. The Programs associated with this TRM are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be licensee's responsibility to take all appropriate fail–safe, back–up, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and Oracle disclaims liability for any damages caused by such use of the Programs.

Restricted Rights Legend
This TRM and the Programs associated with this TRM delivered subject to the DOD FAR Supplement are 'commercial computer software' and use, duplication and disclosure of the TRM and the Programs associated with this TRM shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement. Otherwise, this TRM and the Programs associated with this TRM delivered subject to the Federal Acquisition Regulations are 'restricted computer software' and use, duplication and disclosure of the TRM and the Programs associated with this TRM shall be subject to the restrictions in FAR 52.227–14, Rights in Data — General, including Alternate III (June 1987). Oracle Corporation, 500 Oracle Parkway, Redwood City, CA 94065.

Oracle is a registered trademark, and CASE*Exchange, Enabling the Information Age, Hyper*SQL, NLS*Workbench, Oracle7, Oracle8, Oracle 8*i*, Oracle Access, Oracle Application Object Library, Oracle Discoverer, Oracle Financials, Oracle Quality, Oracle Web Customers, Oracle Web Employees, Oracle Work in Process, Oracle Workflow, PL/SQL, Pro*Ada, Pro*C, Pro*COBOL, Pro*FORTRAN, Pro*Pascal, Pro*PL/I, SmartClient, SQL*Connect, SQL*Forms, SQL*Loader, SQL*Menu, SQL*Net, SQL*Plus, and SQL*Report are trademarks or registered trademarks of Oracle Corporation. Other names may be trademarks of their respective owners.

CAUTION

This Technical Reference Manual in any form — software or printed matter — contains proprietary, confidential information that is the exclusive property of Oracle Corporation. If you do not have a valid contract with Oracle for the use of this Technical Reference Manual or have not signed a non–disclosure agreement with Oracle covering this Technical Reference Manual, then you received this document in an unauthorized manner and are not legally entitled to possess or read it.

Use, duplication, and disclosure are subject to restrictions stated in your contract with Oracle Corporation.

Contents

Chapter 1 **Introduction** ..... **1 – 1**

Chapter 2 **High–Level Design** ..... **2 – 1**
Overview of High–Level Design ..... 2 – 2
Database Diagrams ..... 2 – 8
Public Table List ..... 2 – 23
Public View List ..... 2 – 42
Forms and Table View List ..... 2 – 44
Internal View List ..... 2 – 48
Single Organization View List ..... 2 – 52
Multilingual View List ..... 2 – 53
Module List ..... 2 – 54

Chapter 3 **Detailed Design** ..... **3 – 1**
Overview of Detailed Design ..... 3 – 2
Table and View Definitions ..... 3 – 3
(Detailed Design
continued from Volume 1) ..... 3 – 393

Index

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CHAPTER

1 Introduction

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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

About this Manual

This manual describes the Oracle Applications Release 11i data model, as used by Oracle Bills of Material; 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 Bills of Material between releases. The *Oracle Applications Product Update Notes Release 11* manual describes the changes between Release 10.7 and Release 11, and the *Oracle Applications Product Update Notes Release 11i* manual describes the changes between Release 11 and Release 11i.

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Finding the Latest Information

The *Oracle Bills of Material Technical Reference Manual* contains the latest information as of the publication date. For the latest information we 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 Bills of Material 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 Bills of Material. If you are not familiar with the above products, we suggest that you attend one or more of the training classes available through Oracle Education (see: Other Information Sources: page 1 – 8).

How This Manual is Organized

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

High–Level Design

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Detailed Design

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

How to Use This Manual

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

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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 Bills of Material.

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 Bills of Material. 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*

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 Bills of Material User Guide

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

Oracle Self–Service Web Applications Online Documentation

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

Oracle Applications Flexfields Guide

This guide provides flexfields planning, setup and reference information for the Oracle Bills of Material 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 Proprietary, Confidential Information—Use Restricted by Contract

Oracle Alert User Guide

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

Multiple Reporting Currencies in Oracle Applications

If you use the Multiple Reporting Currencies feature to report and maintain accounting records in more than one currency, use this manual before implementing Oracle Bills of Material. This manual details additional steps and setup considerations for implementing Oracle Bills of Material with this feature.

Multiple Organizations in Oracle Applications

If you use the Oracle Applications Multiple Organization Support feature to use multiple sets of books for one Oracle Bills of Material installation, use this guide to learn about setting up and using Oracle Bills of Material 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.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Installation and System Administration

Oracle Applications Installation Release Notes

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

Oracle Applications Concepts

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

Installing Oracle Applications

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

Using the AD Utilities

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

Upgrading Oracle Applications

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

Oracle Applications System Administrator's Guide

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 Bills of Material 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 Bills of Material and this technical reference manual!

We appreciate your comments and feedback. At the back of this manual is a Reader's Comment Form that you can use to explain what you like or dislike about Oracle Bills of Material or this technical reference manual. Mail your comments to the following address or call us directly at (650) 506–7000.

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**.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CHAPTER

2 High–Level Design

This chapter presents a high–level design for Oracle Bills of Material that satisfies the business needs we specify during Strategy and Analysis. It contains database diagrams for Oracle Bills of Material application building blocks, lists of database tables and views, and a list of modules.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Overview of High–Level Design

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

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

Summary Database Diagram

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

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

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

Database Diagrams

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

Use this section to quickly learn what tables each Oracle Bills of Material 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.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Table Lists

The Table List sections list the Oracle Bills of Material applications tables. Because a product might not include at least one table for each type, this Technical Reference Manual might not include each of the following sections.

Public Tables

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

In addition, this manual may contain full documentation for one or more of the following Application Object Library tables: FND_DUAL, FND_CURRENCIES, and FND_COMMON_LOOKUPS.

Internal Tables

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

View Lists

The View List sections list the Oracle Bills of Material 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.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Web Views

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

Internal Views

This section includes each private, internal view that Oracle Bills of Material uses.

Multiple Reporting Currency Views

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

Module List

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

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

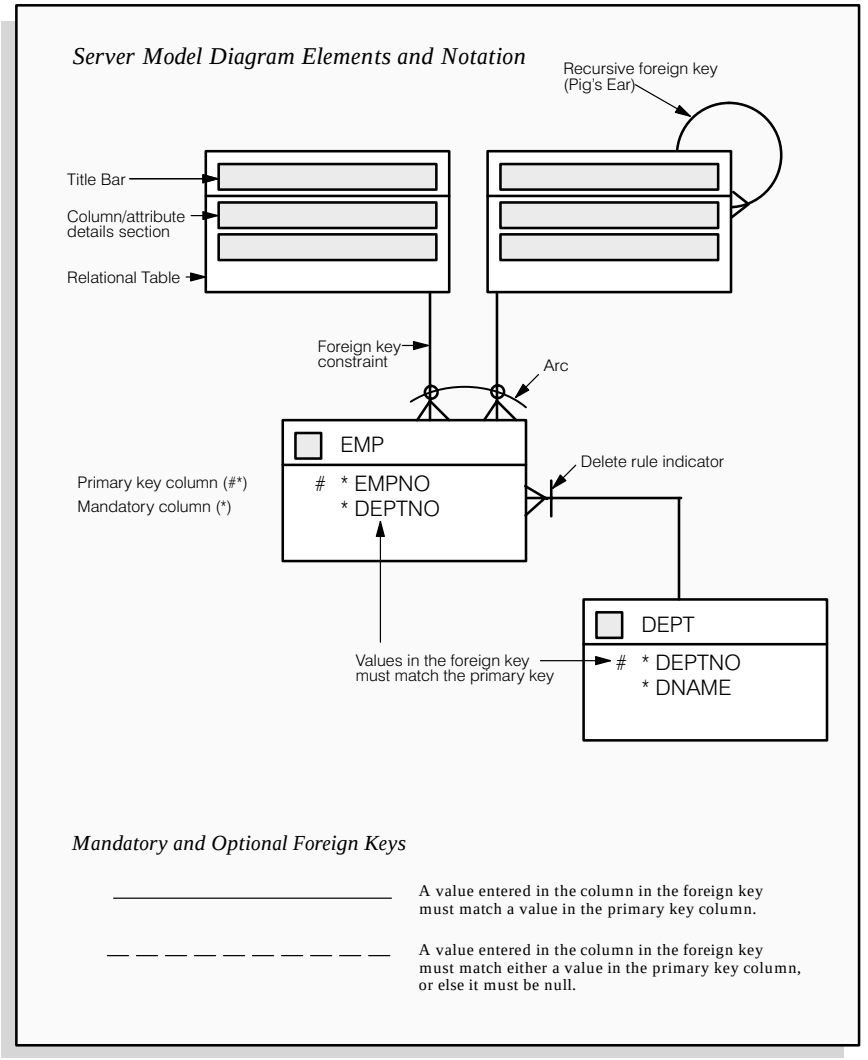
The Reports and Concurrent Programs lists include processes you can submit from the Submit Requests window or other windows, as well as processes that are submitted automatically by Oracle Bills of Material. Use your user guide to learn more about reports and concurrent processes.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Database Diagramming Conventions

We use the following notational conventions in our database diagrams:

Figure 2 – 1
Database Diagram Conventions



Oracle Proprietary, Confidential Information—Use Restricted by Contract

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.

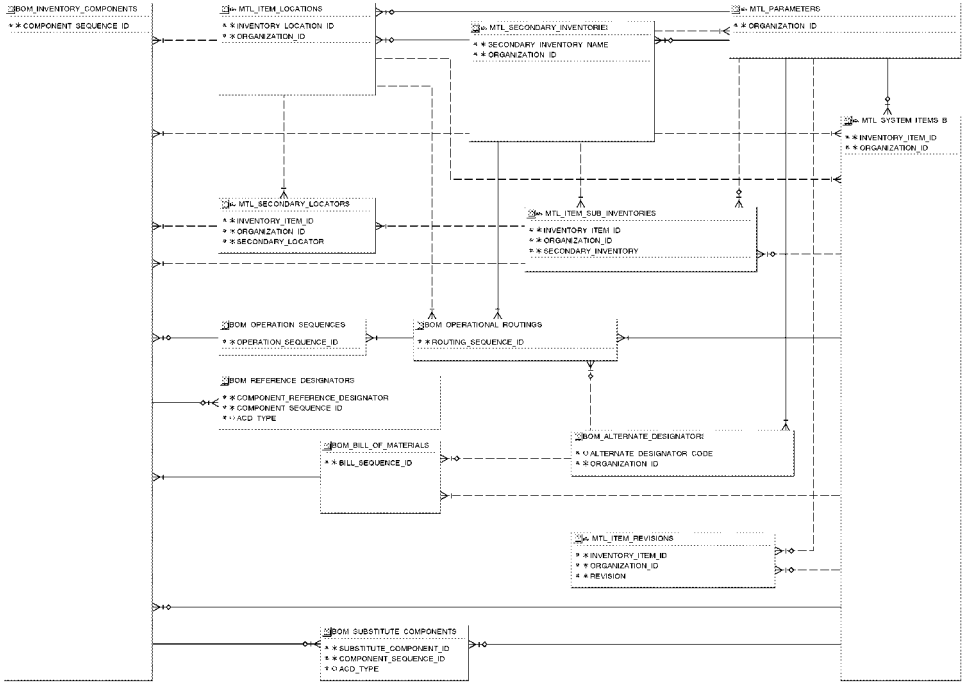
Foreign key constraint – is a type of referential integrity constraint for checking the integrity of data entered in a specific column or set of columns. This specified column or set of columns is known as the foreign key.

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.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Oracle Bills of Material Summary Database Diagram



Oracle Proprietary, Confidential Information—Use Restricted by Contract

Database Diagrams

This section graphically represents all Oracle Bills of Material tables and the relationships between them, organized by building block. Use this section to quickly learn what tables each Oracle Bills of Material application building block uses, and how these tables interrelate. Then, you can refer to the Table and View Definitions sections of Chapter 3 for more detailed information about each of those tables.

This section contains a database diagram for each of the following Oracle Bills of Material application building blocks:

- Diagram 1: Average Cost Overview
- Diagram 2: Cost Information
- Diagram 3: Cost Detail
- Diagram 4: Periodic Distributions and IPV
- Diagram 5 Periodic Cost Overview
- Diagram 6: Standard Cost Overview
- Diagram 7: Bill of Material Structures
- Diagram 8: Bills of Material Scheduling Overview
- Diagram 9: Routings
- Diagram 10 Deletes
- Diagram 11 Engineering Change Order

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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.

Average Cost Overview

This diagram shows the tables and relationships that support average costing in Oracle Cost Management. Oracle Work in Process tables are also included to show how Work in Process uses average costing.

Cost Information

This diagram shows the tables and relationships that support item and resource cost information. All costs reference a cost type, sub–element and optionally reference an activity.

Cost Detail

This diagram shows how Oracle Cost Management accesses, stores, and processes cost information in Oracle Manufacturing. The tables and relationships displayed include bill, routing, resource and item cost information.

Periodic Distributions and IPV

This diagram includes tables and relationships that support IPV and accounting distributions for periodic costing. The relationships adhere to the SLA architecture for accounting. It gives an overview of the integration of Oracle Cost Management with Oracle Purchasing and Oracle Payables.

Periodic Cost Overview

This diagram shows the tables and relationships that support periodic costing in Oracle Cost Management. This functionality is new to Release 11*i*. The Oracle Inventory and Oracle Work in Process tables

Oracle Proprietary, Confidential Information—Use Restricted by Contract

have also been included to give a complete overview of the periodic costing functionality.

Standard Cost Overview

This diagram shows the tables and relationships that support standard costing in Oracle Cost Management.

Bill of Material Structures

This diagram shows the tables and relationships that hold manufacturing bill of material information. These tables support the definition and maintenance of any type of bill of material– including planning, model, option class, and standard bills.

Bills of Material Scheduling Overview

This diagram shows the tables and relationships that hold department and resource availability information. These tables support the definition of a manufacturing calendar, department, resources, and shifts. Oracle Shop Floor Management, Oracle Work in Process, Oracle Master Scheduling / MRP, Oracle Capacity, and Oracle Inventory use this department and resource availability information to forecast, plan, and schedule material and resource requirements.

Routings

This diagram shows the tables and relationships that hold manufacturing routing information. These tables support the definition and maintenance of all routing information– including operation, resource, usage, and cost details.

Deletes

This diagram shows the tables and relationships that support deleting item information. This includes item, bill of material, component, routing, and operation deletions.

Engineering Change Order

This diagram shows the tables and relationships that contain Engineering Change Order information. It reveals how revised items can be implemented as ECO revisions through the ECO approval process.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

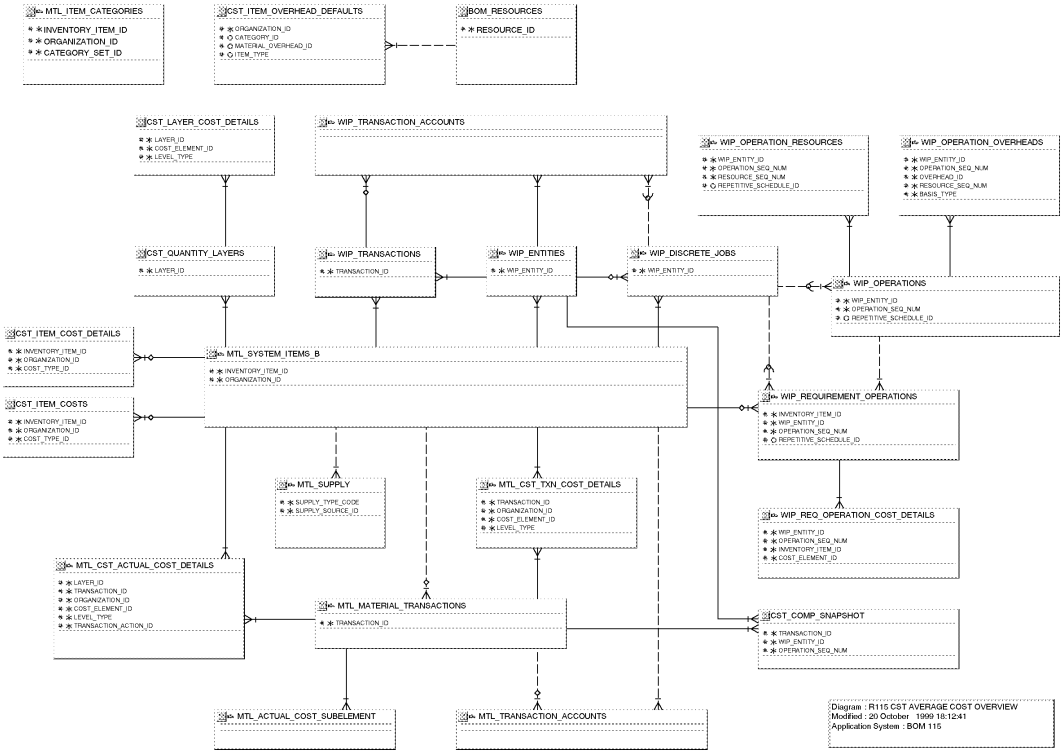
How to Use These Database Diagrams

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

Suppose you want to write a custom application to interface your Oracle Bills of Material application with your non–Oracle routing system. You want to see how your Oracle Bills of Material application defines a routing for an item. You turn to the Routing Diagram to see the table structure for assembling an item using a bill of material. You learn that components for any item can have a primary and alternate routing. Moreover, you can see that routings for an item can be defined as a common routing for another assembly item and that routings are composed of operation sequences. Next, turn to the Table Definitions section in Chapter 3 to learn about the columns in each of these tables to facilitate the integration of your data.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 1: Average Cost Overview



Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 2: Cost Information

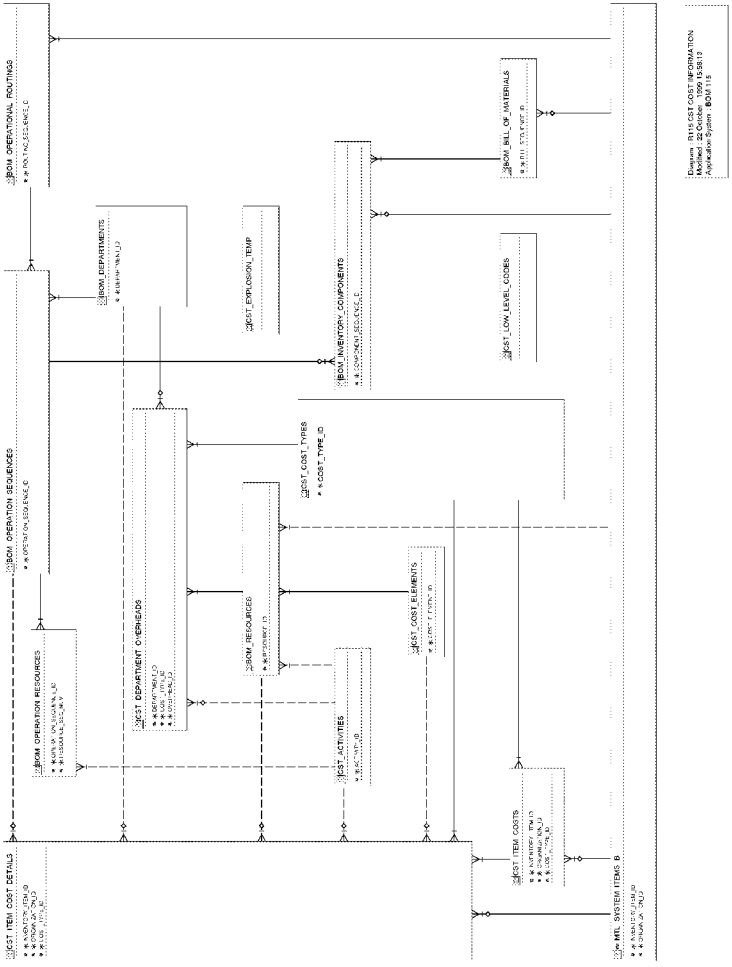
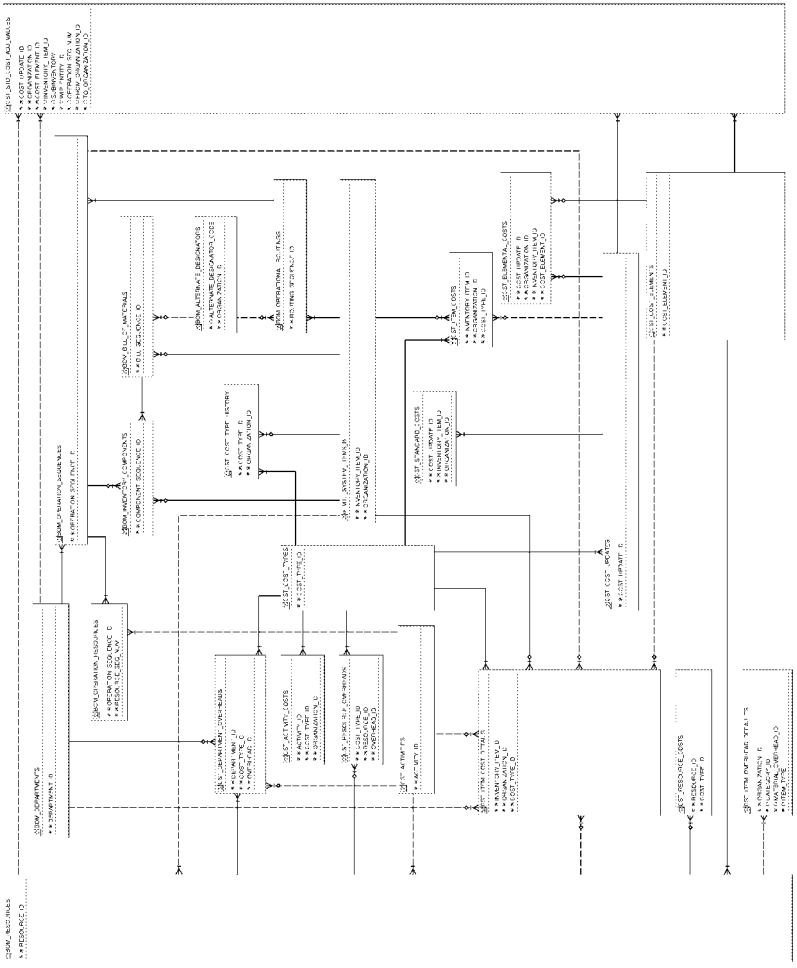
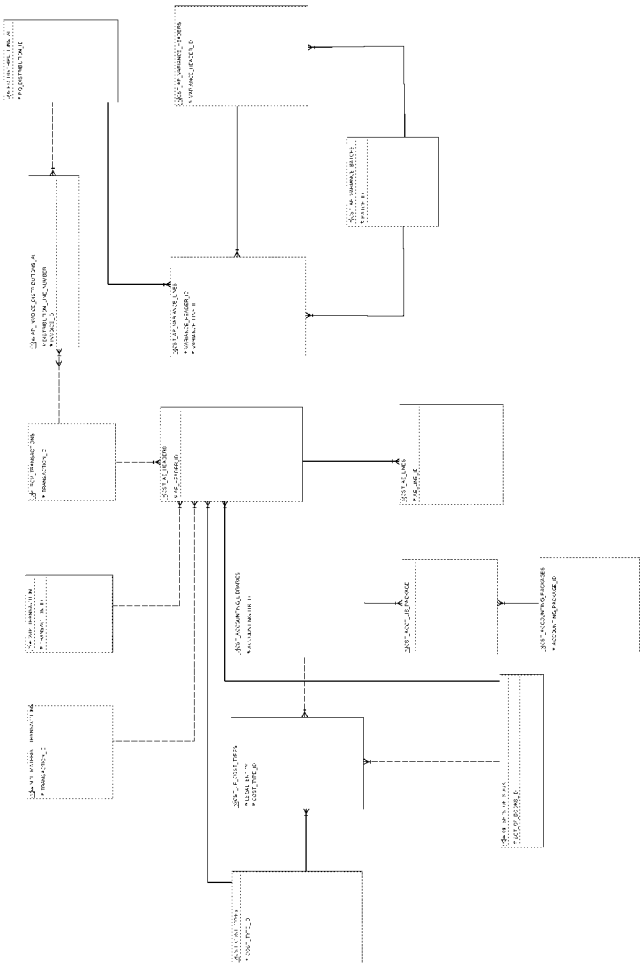


Diagram 3: Cost Detail



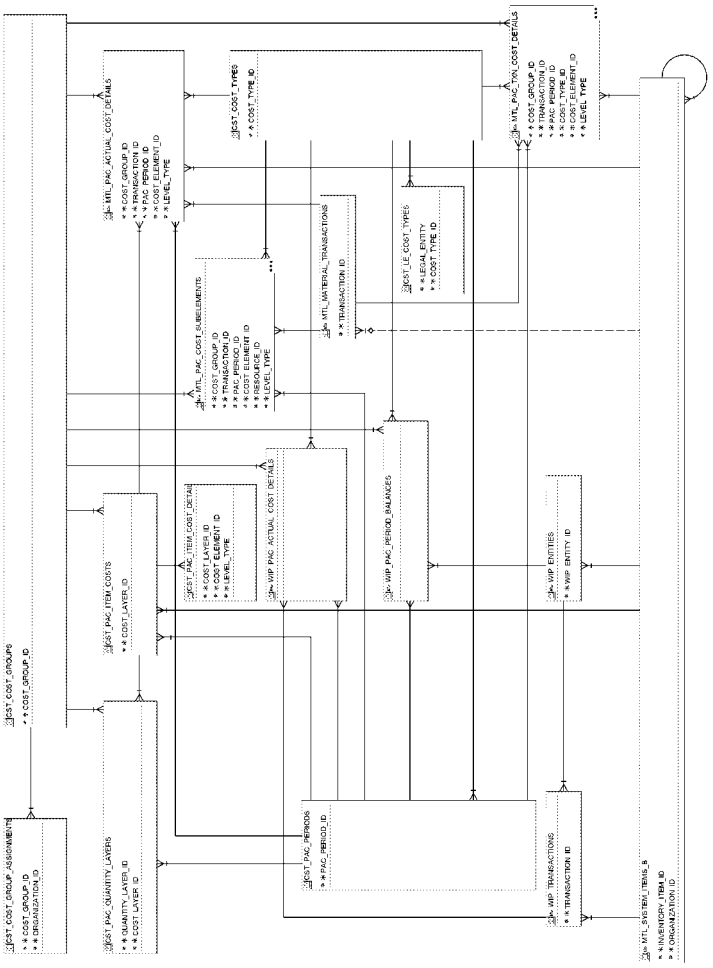
Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 4: Periodic Distributions and IPV



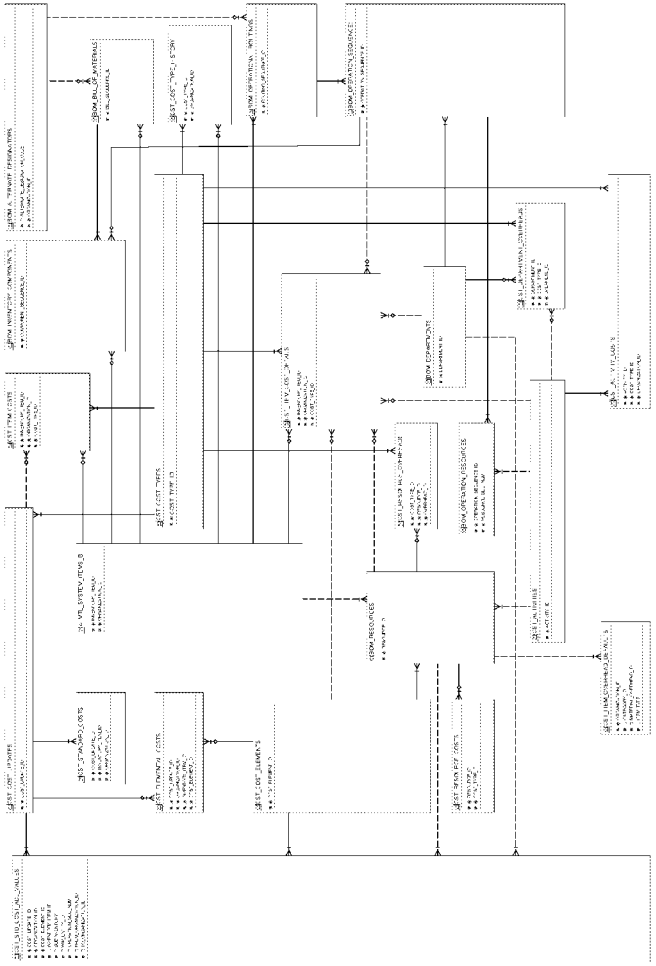
Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 5: Periodic Cost Overview



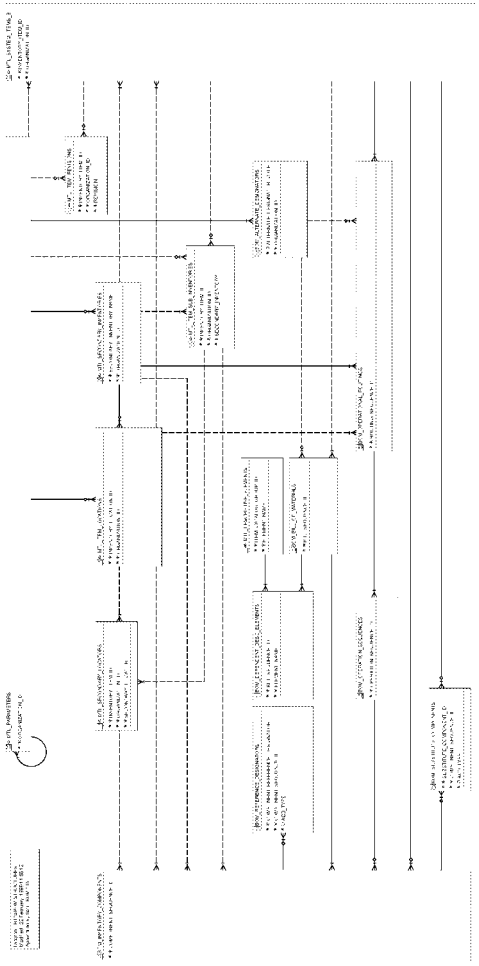
Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 6: Standard Cost Overview



Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 7: Bill of Material Structures



Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 8: Bills of Material Scheduling Overview

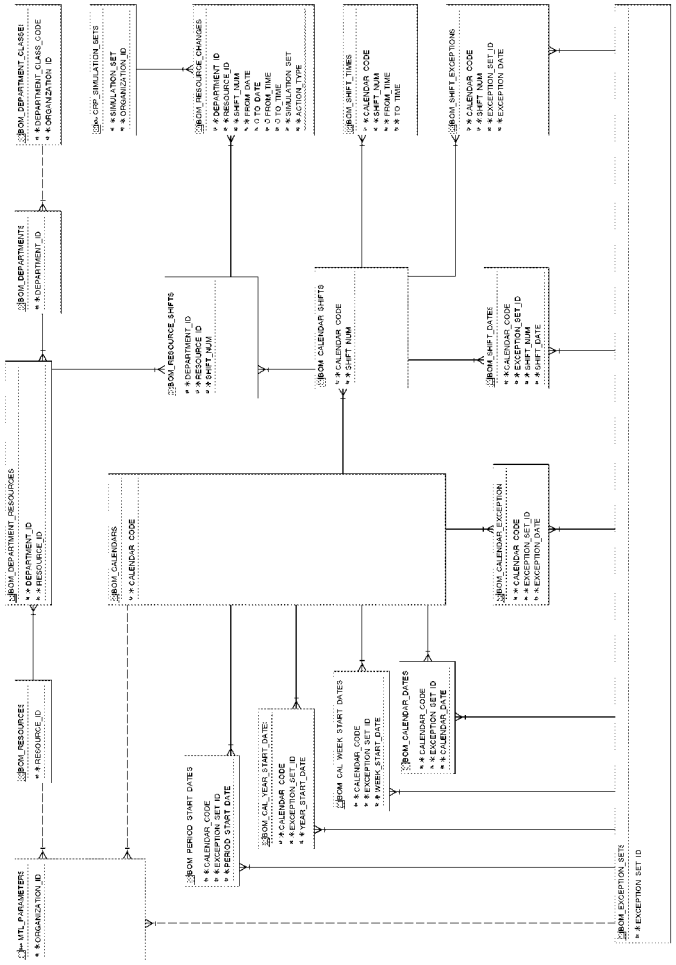
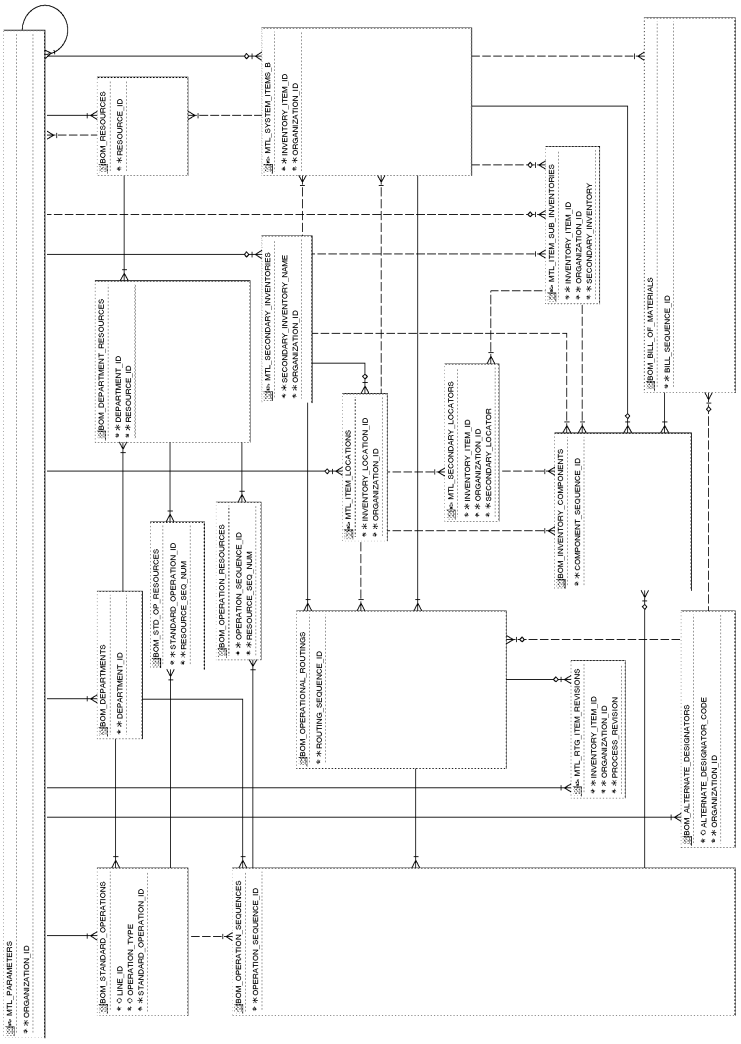
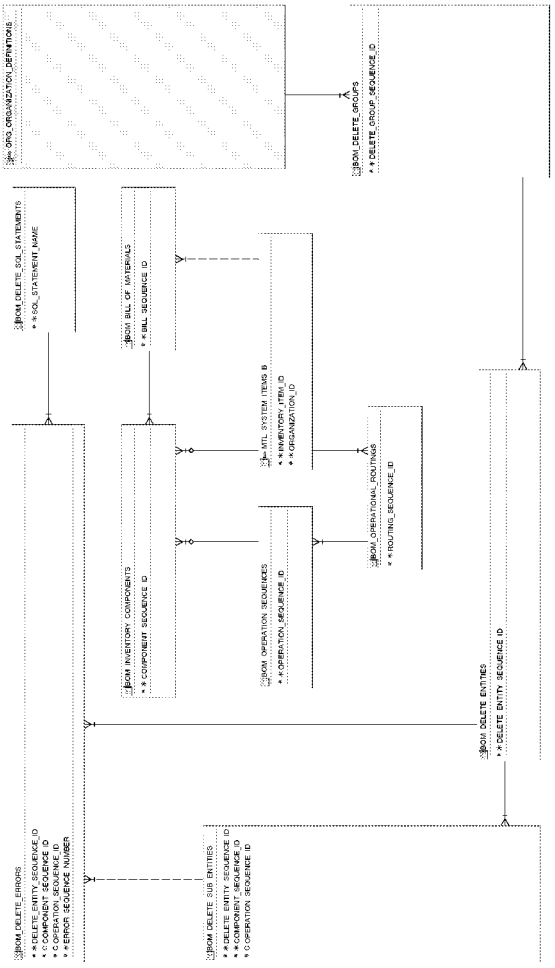


Diagram 9: Routings



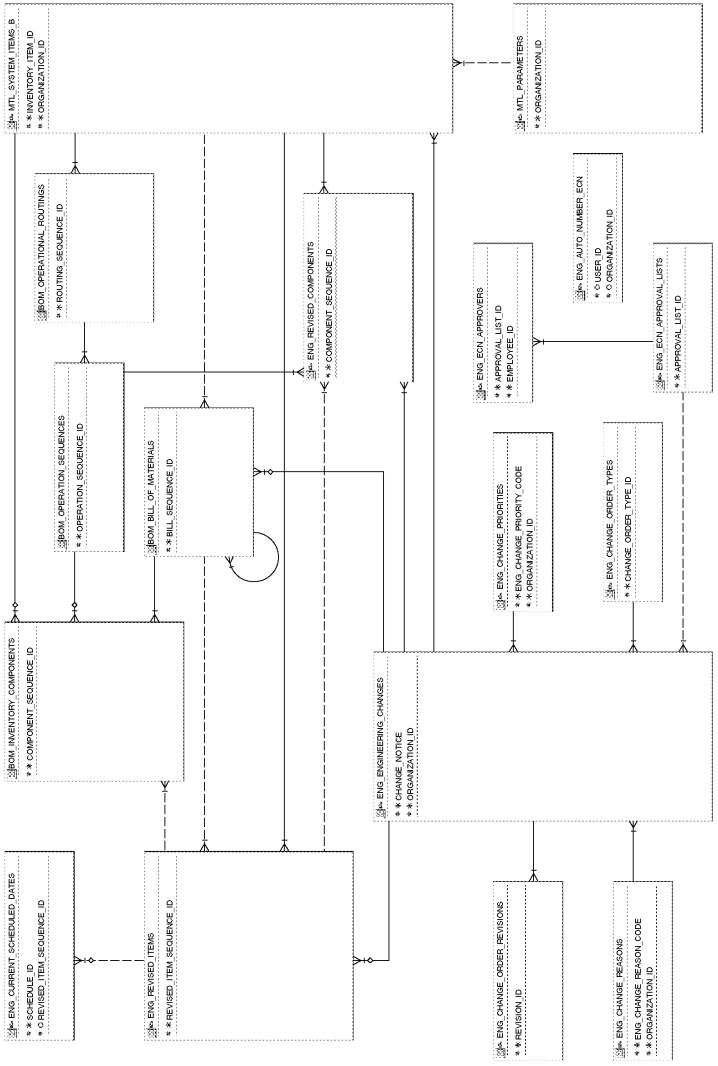
Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 10: Deletes



Oracle Proprietary, Confidential Information—Use Restricted by Contract

Diagram 11: Engineering Change Order



Oracle Proprietary, Confidential Information—Use Restricted by Contract

Public Table List

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

Note that ”public” tables are not necessarily intended for write access by custom code; Oracle Corporation supports write access using only standard Oracle Applications forms, reports, and programs, or any SQL write access to tables explicitly documented as API tables. For more information, see the How Not To Use This Manual section of this book’s Introduction.

Oracle Bills of Material uses the following Public tables:

Table Name	Description
ACTIVITY_COSTS	(See page 3 – 7)
AK_ATTRIBUTES	Attribute name, properties and the application ID which define an attribute (See page 3 – 8)
AK_ATTRIBUTES_TL	Translations for AK_ATTRIBUTES (See page 3 – 10)
AK_EXCLUDED_ITEMS	List of secured attributes that should be hidden from a user based on their responsibility id (See page 3 – 11)
AK_FLOWS	Defines a flow and associates a primary page to a flow (See page 3 – 12)
AK_FLOWS_TL	Translations for AK_FLOWS (See page 3 – 13)
AK_FLOW_PAGES	Links a page to a flow and defines the primary region for each page (See page 3 – 14)
AK_FLOW_PAGES_TL	Translations for AK_FLOW_PAGES (See page 3 – 16)
AK_FLOW_PAGE_REGIONS	Links a region to a page (See page 3 – 17)
AK_FLOW_PAGE_REGION_ITEMS	Links a region item to a region (See page 3 – 19)
AK_FLOW_REGION_RELATIONS	Links two page regions together by a foreign key (See page 3 – 21)
AK_FOREIGN_KEYS	Foreign keys for an object (See page 3 – 23)
AK_FOREIGN_KEYS_TL	Translations for AK_FOREIGN_KEYS (See page 3 – 24)
AK_FOREIGN_KEY_COLUMNS	Links an attribute to a foreign key (See page 3 – 25)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_INST_ATTRIBUTE_VALUES	This table is used by the Configurator (CZ) team and is used to store items (See page 3 – 26)
AK_LOADER_TEMP	A temporary table that is used by the AK loaders (See page 3 – 27)
AK_LOOKUP_CODES	Defines the lookup codes, type and description that are used within the AK system (See page 3 – 28)
AK_MULTIORG_VALIDATION_TEMP	Temporary validation table used by the Multi–Org Validation Report. (See page 3 – 29)
AK_OBJECTS	Defines an object and the application id of the owner of the object (See page 3 – 30)
AK_OBJECTS_TL	Translations for AK_OBJECTS (See page 3 – 32)
AK_OBJECT_ATTRIBUTES	Links an attribute to an object (See page 3 – 33)
AK_OBJECT_ATTRIBUTES_TL	Translations for AK_OBJECT_ATTRIBUTES (See page 3 – 36)
AK_OBJECT_ATTRIBUTE_NAVIGATION	Defines a specific object attribute value which allows access to a region (See page 3 – 37)
AK_OBJECT_VALUES_TEMP	Temporary table for building the LOV of attribute values in the AKDPICKF form (See page 3 – 39)
AK_REGIONS	Defines a region (See page 3 – 40)
AK_REGIONS_TL	Translations for AK_REGIONS (See page 3 – 42)
AK_REGION_ITEMS	Links an item to a region (See page 3 – 43)
AK_REGION_ITEMS_TL	Translations for AK_REGION_ITEMS (See page 3 – 47)
AK_RESP_SECURITY_ATTRIBUTES	Specifies attributes that can be accessed based on a users responsibility id (See page 3 – 48)
AK_UNIQUE_KEYS	Unique keys for an object (See page 3 – 49)
AK_UNIQUE_KEY_COLUMNS	Links an attribute to a unique key (See page 3 – 50)
AK_WEB_USER_SEC_ATTR_VALUES	Web user security attributes value (See page 3 – 51)
AP_INVOICE_DISTRIBUTIONS_ALL	Invoice distribution line information (See page 3 – 52)
AP_TAX_CODES_ALL	Tax code information (See page 3 – 65)
BOM_ALTERNATE_DESIGNATORS	Alternate designators (See page 3 – 68)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ATO_CONFIGURATIONS	Unique configuration definition (See page 3 – 73)
BOM_BILL_OF_MATERIALS	Bills of material (See page 3 – 74)
BOM_BILL_OF_MATERIALS_ARCHIVE	Bills of material archive (See page 3 – 77)
BOM_BILL_OF_MTLS_INTERFACE	Bills of material interface table (See page 3 – 79)
BOM_CALENDARS	Workday calendars (See page 3 – 81)
BOM_CALENDAR_DATES	Workday calendar dates (See page 3 – 83)
BOM_CALENDAR_EXCEPTIONS	Workday calendar exceptions (See page 3 – 85)
BOM_CALENDAR_SHIFTS	Workday calendar shifts (See page 3 – 87)
BOM_CAL_WEEK_START_DATES	Workday calendar weekly start dates (See page 3 – 89)
BOM_CAL_YEAR_START_DATES	Workday calendar yearly start dates (See page 3 – 90)
BOM_CMYTEMP	(See page 3 – 91)
BOM_COMPARISON_TEMP	Temporary data for bill of material comparisons (See page 3 – 92)
BOM_CONFIG_EXPLOSIONS	Temporary data for ATO configurator window (See page 3 – 94)
BOM_CTO_ORDER_DEMAND	BCOD (See page 3 – 98)
BOM_CTO_ORDER_LINES	bom cto order lines (See page 3 – 99)
BOM_CTO_SRC_ORGS	BOM_CTO_SRC_ORGS (See page 3 – 100)
BOM_DELETE_ENTITIES	Deleted entities in BOM and INV (See page 3 – 101)
BOM_DELETE_ERRORS	Errors occurring when deleting entities (See page 3 – 103)
BOM_DELETE_GROUPS	Delete groups of BOM and INV entities (See page 3 – 104)
BOM_DELETE_SQL_STATEMENTS	SQL statements used to check and delete entities (See page 3 – 106)
BOM_DELETE_SUB_ENTITIES	Component and operations to be deleted (See page 3 – 108)
BOM_DEPARTMENTS	Departments (See page 3 – 110)
BOM_DEPARTMENT_CLASSES	Department classes (See page 3 – 116)
BOM_DEPARTMENT_RESOURCES	Resources associated with departments (See page 3 – 117)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DEPENDENT_DESC_ELEMENTS	Descriptive elements assigned to model / option bills (See page 3 – 119)
BOM_DEPEND_DESC_ELEM_ARCHIVE	Descriptive elements assigned to model / option bills (See page 3 – 120)
BOM_DEPT_RES_INSTANCES	Department Resource Instances (See page 3 – 121)
BOM_EXCEPTION_SETS	Exception sets (See page 3 – 122)
BOM_EXCEPTION_SET_DATES	Used for workday exception templates (See page 3 – 123)
BOM_EXPLOSIONS	Pre–exploded model bills for use by Order Entry (See page 3 – 124)
BOM_EXPLOSION_TEMP	Temporary data for indented bills of material (batch processes) (See page 3 – 127)
BOM_FORM_QUERY	Retrofitted (See page 3 – 133)
BOM_IMPLOSION_TEMP	Temporary data for item usage (Item Where Used Report) (See page 3 – 134)
BOM_INTERFACE_DELETE_GROUPS	Delete group names for Bill, Routing and Engineering change order Open Interface (See page 3 – 136)
BOM_INVENTORY_COMPONENTS	Bill of material components (See page 3 – 137)
BOM_INVENTORY_COMPS_ARCHIVE	Bill of material components (See page 3 – 142)
BOM_INVENTORY_COMPS_INTERFACE	Bill of material components interface data (See page 3 – 146)
BOM_ITEM_BACKFLUSH_SUBINV	Not currently used – to be used in future releases (See page 3 – 151)
BOM_LISTS	Temporary list of data about reporting entities (See page 3 – 152)
BOM_LOW_LEVEL_CODES	Temporary data for low level item codes (See page 3 – 153)
BOM_MIXED_MODEL_MAP_CELLS	Matrix cell values for mixed model maps (See page 3 – 154)
BOM_MIXED_MODEL_MAP_HEADER	Header information for a mixed model map (See page 3 – 155)
BOM_MIXED_MODEL_MAP_PROCESSES	Processes or line operations and summary information for mixed model maps (See page 3 – 157)
BOM_OPERATIONAL_ROUTINGS	Routings (See page 3 – 159)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OPERATION_NETWORKS	Routing operation networks (See page 3 – 162)
BOM_OPERATION_RESOURCES	Resources on operations (See page 3 – 164)
BOM_OPERATION_RESOURCES_EFC	Euro as a Functional Currency Archive (See page 3 – 166)
BOM_OPERATION_SEQUENCES	Routing operations (See page 3 – 167)
BOM_OP_RESOURCES_ARCHIVE	Archive of deleted resources on operations (See page 3 – 171)
BOM_OP_RESOURCES_INTERFACE	Operation resources interface data (See page 3 – 173)
BOM_OP_ROUTINGS_ARCHIVE	Archive of deleted routings (See page 3 – 179)
BOM_OP_ROUTINGS_INTERFACE	Routing interface data (See page 3 – 181)
BOM_OP_SEQUENCES_ARCHIVE	Routing operations (See page 3 – 184)
BOM_OP_SEQUENCES_INTERFACE	Routing operation interface data (See page 3 – 186)
BOM_PARAMETERS	Bills of material parameters (See page 3 – 194)
BOM_PERIOD_START_DATES	Workday calendar period start dates (See page 3 – 196)
BOM_REFERENCE_DESGS_ARCHIVE	Component reference designators (See page 3 – 197)
BOM_REFERENCE_DESIGNATORS	Component reference designators (See page 3 – 198)
BOM_REF_DESGS_INTERFACE	Reference designator interface data (See page 3 – 200)
BOM_RESOURCES	Resources, overheads, material cost codes, and material overheads (See page 3 – 203)
BOM_RESOURCES_EFC	Euro as a Functional Currency Archive (See page 3 – 208)
BOM_RESOURCE_CHANGES	Resource capacity modifications (See page 3 – 212)
BOM_RESOURCE_EMPLOYEES	Bom employee resources (See page 3 – 214)
BOM_RESOURCE_EQUIPMENTS	Bom equipment resources (See page 3 – 215)
BOM_RESOURCE_FLEX_FENCES	Tolerance percentage by which the present capacity of a particular resource or a line can be increased (See page 3 – 216)
BOM_RESOURCE_SETUPS	Resource Setups (See page 3 – 217)
BOM_RESOURCE_SHIFTS	Resource shift information (See page 3 – 218)
BOM_RES_INSTANCE_CHANGES	Resource Instances modifications (See page 3 – 219)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RTG_ITEM_REVISIONS_ARCHIVE	Routing revisions archive (See page 3 – 221)
BOM_SETUP_TRANSITIONS	Setup Transitions (See page 3 – 222)
BOM_SETUP_TYPES	Setup Types (See page 3 – 223)
BOM_SHIFT_DATES	Workday calendar shift dates (See page 3 – 224)
BOM_SHIFT_EXCEPTIONS	Workday calendar shift exceptions (See page 3 – 225)
BOM_SHIFT_TIMES	Workday calendar shift times (See page 3 – 227)
BOM_SMALL_EXPL_TEMP	Temporary data for indented bills of material (on–line processes) (See page 3 – 228)
BOM_SMALL_IMPL_TEMP	Temporary data for item usage (View Item Usage window) (See page 3 – 234)
BOM_STANDARD_OPERATIONS	Standard operations (See page 3 – 236)
BOM_STD_OP_RESOURCES	Standard operation resources (See page 3 – 245)
BOM_SUBSTITUTE_COMPONENTS	Substitute components (See page 3 – 248)
BOM_SUBSTITUTE_COMPS_ARCHIVE	Substitute components (See page 3 – 250)
BOM_SUB_COMPS_INTERFACE	Substitute component interface data (See page 3 – 251)
BOM_SUB_OPERATION_RESOURCES	Substitue Resources (See page 3 – 254)
BOM_SUB_OPERATION_RESOURCE_EFC	Euro as a Functional Currency Archive (See page 3 – 256)
BOM_WORKDAY_PATTERNS	On / Off workday patterns for calendars and shifts (See page 3 – 257)
CRP_RESOURCE_HOURS	Results of the rollup for rough cut capacity (See page 3 – 259)
CRP_SIMULATION_SETS	Simulation set names (See page 3 – 262)
CST_ACCOUNTING_LIBRARIES	CST_ACCOUNTING_LIBRARIES stores information about the library that should be called during the periodic distribution process for GAAP Accounting. (See page 3 – 263)
CST_ACCOUNTING_PACKAGES	CST_ACCOUNTING_PACKAGES stores information about PL / SQL packages that are called during the periodic distribution process. (See page 3 – 264)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ACCT_LIB_PACKAGES	CST_ACCT_LIB_PACKAGES stores associations between the library for GAAP accounting and any PL/SQL package that should be called for a transaction event during periodic distribution process. (Seepage 3 – 265)
CST_ACTIVITIES	Activity definition associated with activity costing (See page 3 – 266)
CST_ACTIVITY_COSTS	Cost associated with the activity (See page 3 – 268)
CST_ACTIVITY_COSTS_EFC	Euro as a Functional Currency Archive (See page 3 – 269)
CST_AE_HEADERS	Header Information for Periodic Accounting Distributions (See page 3 – 270)
CST_AE_HEADERS_EFC	Euro as a Functional Currency Archive (See page 3 – 272)
CST_AE_LINES	Stores debits and credits for Periodic Distributions (See page 3 – 273)
CST_AE_LINES_EFC	Euro as a Functional Currency Archive (See page 3 – 275)
CST_AP_VARIANCE_BATCHES	Stores the parameters for each Invoice Variance Transfer Program run (See page 3 – 276)
CST_AP_VARIANCE_HEADERS	Stores the variance information for a purchase order distribution for each batch run (See page 3 – 277)
CST_AP_VARIANCE_HEADERS_EFC	Euro as a Functional Currency Archive (See page 3 – 278)
CST_AP_VARIANCE_LINES	Stores the variance information detail for a purchase order distribution and each batch run (See page 3 – 279)
CST_AP_VARIANCE_LINES_EFC	Euro as a Functional Currency Archive (See page 3 – 280)
CST_BIS_MARGIN_BUILD	Stores margin analysis load run parameters (See page 3 – 281)
CST_BIS_MARGIN_SUMMARY	Margin analysis summary table for reporting purposes (See page 3 – 282)
CST_CG_WIP_ACCT_CLASSES	Uniquely identifies WIP accounting class for a cost group in each organization (See page 3 – 285)
CST_COMP_SNAPSHOT	Stores the assembly units completed at each operation step (See page 3 – 286)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COMP_SNAP_INTERFACE	Stores the assembly units completed at each operation step to be interfaced through the transactions interface (See page 3 – 287)
CST_COMP_SNAP_TEMP	Stores the assembly units completed at each operation step to be interfaced through the transactions temporary table (See page 3 – 288)
CST_COST_ELEMENTS	Cost elements definition (See page 3 – 289)
CST_COST_ELEM_EXP_TYPES	Expenditure types for cost elements. (See page 3 – 290)
CST_COST_GROUPS	Stores cost group definitions (See page 3 – 291)
CST_COST_GROUP_ACCOUNTS	Accounts for a cost group for an average costing organization (See page 3 – 293)
CST_COST_GROUP_ASSIGNMENTS	Stores the organization assignment (See page 3 – 294)
CST_COST_TYPES	Stores cost type definitions (See page 3 – 295)
CST_COST_TYPE_HISTORY	Cost rollups information and cost type purge information (See page 3 – 297)
CST_COST_UPDATES	Cost update history (See page 3 – 299)
CST_COST_UPDATES_EFC	Euro as a Functional Currency Archive (See page 3 – 301)
CST_DEPARTMENT_OVERHEADS	Department overhead cost definition (See page 3 – 302)
CST_DEPARTMENT_OVERHEADS_EFC	Euro as a Functional Currency Archive (See page 3 – 304)
CST_DISTRIBUTION_MASTER	WIP resource transaction seeded data (See page 3 – 305)
CST_ELEMENTAL_COSTS	Standard elemental cost history (See page 3 – 306)
CST_ELEMENTAL_COSTS_EFC	Euro as a Functional Currency Archive (See page 3 – 307)
CST_ENCUMBRANCE_LINES	Stores encumbrance account distributions for periodic costing (See page 3 – 308)
CST_EXPLOSION_TEMP	Temporary, indented bill of material (See page 3 – 310)
CST_INQUIRY_TEMP	Temporary table for item cost inquiry (See page 3 – 311)
CST_INQUIRY_TYPES	Types of item cost inquiry (See page 3 – 312)
CST_INTERFACE_ERRORS	Stores invalid records due to error in the item cost definition (See page 3 – 315)
CST_INV_LAYERS	Stores layer information (See page 3 – 316)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_INV_LAYER_COST_DETAILS	Stores inventory layer cost details (See page 3 – 317)
CST_ITEM_COSTS	Item cost summary (See page 3 – 318)
CST_ITEM_COSTS_EFC	Euro as a Functional Currency Archive (See page 3 – 320)
CST_ITEM_COSTS_INTERFACE	Interface table for item cost (See page 3 – 321)
CST_ITEM_COST_DETAILS	Item cost detail information (See page 3 – 323)
CST_ITEM_COST_DETAILS_EFC	Euro as a Functional Currency Archive (See page 3 – 326)
CST_ITEM_CST_DTLS_INTERFACE	Interface table for item cost detail information (See page 3 – 327)
CST_ITEM_OVERHEAD_DEFAULTS	Default value for the overhead cost (See page 3 – 330)
CST_ITEM_OVERHEAD_DEFAULTS_EFC	Euro as a Functional Currency Archive (See page 3 – 332)
CST_LAYER_COST_DETAILS	Detailed cost information by element and level (See page 3 – 333)
CST_LAYER_COST_DETAILS_EFC	Euro as a Functional Currency Archive (See page 3 – 334)
CST_LE_COST_TYPES	Holds information about the legal entity / cost (See page 3 – 335)
CST_LISTS	Item list for item exploder (See page 3 – 337)
CST_LOW_LEVEL_CODES	Temporary table for cost rollup (See page 3 – 338)
CST_MARGIN_BUILD	Stores margin analysis load run parameters (See page 3 – 339)
CST_MARGIN_SUMMARY	Margin analysis summary table for reporting purposes (See page 3 – 340)
CST_MARGIN_TEMP	Margin analysis summary table for reporting purposes (See page 3 – 343)
CST_MASS_EDITS	Item cost mass edit historical information (See page 3 – 346)
CST_MGD_INFL_ADJUSTED_COSTS	Stores inflation adjustment values (See page 3 – 347)
CST_MGD_INFL_ADJ_KARDEX_DATA	Stores data that supports the Inflation Adjustment Kardex Report (See page 3 – 349)
CST_MGD_INFL_ADJ_PER_STATUSES	Stores inflation status for each period. (See page 3 – 350)
CST_MGD_INFL_TSF_ORG_ENTRIES	Stores transfer organization information for inflation adjustment. (See page 3 – 351)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ORG_COST_GROUP_ACCOUNTS	Stores the accounts defined against an organization cost group (See page 3 – 352)
CST_PAC_ACCRUAL_ACCOUNTS_TEMP	Temporary table for storing accrual accounts for Accrual Reconciliation for periodic costing (See page 3 – 353)
CST_PAC_ACCRUAL_RECONCILE_TEMP	Temporary table for Accrual Reconciliation for periodic costing (See page 3 – 354)
CST_PAC_ACCRUAL_WRITE_OFFS	Stores the write–off information for Accrual Reconciliation for periodic costing (See page 3 – 356)
CST_PAC_ACCRUAL_WRITE_OFFS_EFC	Euro as a Functional Currency Archive (See page 3 – 358)
CST_PAC_EXPLOSION_TEMP	Stores distinct parent–child combinations of items for a given period and organization cost group. (See page 3 – 359)
CST_PAC_ITEM_COSTS	Stores the item cost and quantity in a period and organization cost group. (See page 3 – 360)
CST_PAC_ITEM_COSTS_EFC	Euro as a Functional Currency Archive (See page 3 – 362)
CST_PAC_ITEM_COST_DETAILS	Stores the details of the item cost in a period and organization cost group. (See page 3 – 363)
CST_PAC_ITEM_COST_DETAILS_EFC	Euro as a Functional Currency Archive (See page 3 – 364)
CST_PAC_LOW_LEVEL_CODES	Stores low level codes for items for a given period and organization cost group. (See page 3 – 365)
CST_PAC_PERIODS	Holds information about periodic costing open and closed periods for each legal entity. (See page 3 – 366)
CST_PAC_PROCESS_PHASES	Holds the status for each process phase in a particular period and organization cost group (See page 3 – 367)
CST_PAC_QUANTITY_LAYERS	Stores the layer quantity of an item by period for periodic costing (See page 3 – 368)
CST_PC_COST_DET_INTERFACE	Periodic Item Cost Details Interface Table (See page 3 – 369)
CST_PC_ITEM_COST_INTERFACE	Periodic Item Cost Header Interface Table (See page 3 – 370)
CST_PC_TXN_HISTORY	CST_PC_TXN_HISTORY stores historical information about transactions processed by the periodic cost processor. (See page 3 – 372)
CST_PERIOD_VALUE_TEMP	Temporary table used by View WIP Value form (See page 3 – 373)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_QUANTITY_LAYERS	Stores cost information for each layer (See page 3 – 374)
CST_QUANTITY_LAYERS_EFC	Euro as a Functional Currency Archive (See page 3 – 376)
CST_RCV_ACQ_COSTS	Stores acquisition cost per period, organization cost group for periodic costing (See page 3 – 377)
CST_RCV_ACQ_COSTS_EFC	Euro as a Functional Currency Archive (See page 3 – 379)
CST_RCV_ACQ_COST_DETAILS	Stores detailed acquisition cost per period, organization cost group. (See page 3 – 380)
CST_RCV_ACQ_COST_DETAILS_EFC	Euro as a Functional Currency Archive (See page 3 – 382)
CST_REPORT_TYPES	Column selection option for item cost report (See page 3 – 383)
CST_RESOURCE_COSTS	Resource and outside processing resource cost definition (See page 3 – 385)
CST_RESOURCE_COSTS_EFC	Euro as a Functional Currency Archive (See page 3 – 387)
CST_RESOURCE_OVERHEADS	Resource that an overhead is applied to (See page 3 – 388)
CST_ROLLUP_DELETE_TEMP	Temporary table for rollup identifier for deleting No table description
CST_SC_BOM_EXPLOSION	Supply Chain Bill of Material Explosion Table No table description
CST_SC_BOM_STRUCTURES	Supply Chain Bill of Material Structures No table description
CST_SC_LISTS	Supply Chain List for Assemblies to rollup No table description
CST_SC_LOW_LEVEL_CODES	Supply Chain Low Level Codes No table description
CST_SC_ROLLUP_HISTORY	Supply Chain Rollup History No table description
CST_SC_SOURCING_RULES	Supply Chain Sourcing Rule Snapshot No table description
CST_STANDARD_COSTS	Standard cost history No table description
CST_STANDARD_COSTS_EFC	Euro as a Functional Currency Archive No table description
CST_STD_COST_ADJ_TEMP	Temporary table for standard cost adjustment No table description

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_STD_COST_ADJ_VALUES	Standard cost adjustment value computed by standard cost update No table description
CST_STD_COST_ADJ_VALUES_EFC	Euro as a Functional Currency Archive No table description
CST_VALUE_REPORT_TEMP	Temporary table used by inventory value report No table description
CST_WIP_LAYERS	CST_WIP_LAYERS stores information about each inventory layer in WIP No table description
CST_WIP_LAYER_COST_DETAILS	CST_WIP_LAYER_COST_DETAILS stores the elemental cost, by level, of inventory layers in WIP No table description
CST_WIP_OPERATION_TXN_COSTS	CST_WIP_OPERATION_TXN_COSTS stores snapshots of WIP operations tables No table description
CST_WIP_VALUE_HISTORY	CST_WIP_VALUE_HISTORY stores snapshots of WIP_PERIOD_BALANCES No table description
CZ_ATTRIBUTE_LIST_NAMES	Configurator attribute list names No table description
CZ_ATTRIBUTE_LIST_VALUES	Configurator attribute list values No table description
CZ_AUTOSELECTION_ITEMS	Configurator autoselection items No table description
CZ_AUTOSELECTION_RANGES	Configurator autoselection ranges No table description
CZ_CONSTRAINTS	Configurator constraints No table description
CZ_CONSTRAINT_ASSIGNMENTS	Configurator constraint assignments No table description
CZ_CONSTRAINT_CLAUSES	Configurator constraint clauses No table description
CZ_CONSTRAINT_MESSAGES_TL	Configurator constraint messages (Translated) No table description
CZ_ERRORS	Configurator errorsNo table description
CZ_ERROR_ATTRIBUTE_VALUES	Configurator error attribute values No table description
CZ_ERROR_CLAUSES	Configurator error clauses No table description
ENG_AUTO_NUMBER_ECN	Holds the prefix and numbers for auto numbering an engineering change order (ECO) No table description
ENG_CHANGE_ORDER_REVISIONS	Engineering change order (ECO) reasons No table description

Oracle Proprietary, Confidential Information—Use Restricted by Contract

ENG_CHANGE_ORDER_TYPES	Engineering change order types No table description
ENG_CHANGE_PRIORITIES	Engineering change order priorities No table description
ENG_CHANGE_REASONS	Engineering change order reasons No table description
ENG_CURRENT_SCHEDULED_DATES	Current and historical ECO scheduled implementation dates No table description
ENG_ECN_APPROVAL_LISTS	Engineering change order approval lists No table description
ENG_ECN_APPROVERS	Engineering change order approvers No table description
ENG_ENGINEERING_CHANGES	Engineering change orders No table description
ENG_ENG_CHANGES_INTERFACE	Mass change orders No table description
ENG_REVISED_COMPONENTS	Implemented and cancelled revised components No table description
ENG_REVISED_ITEMS	Pending and implemented revised items No table description
ENG_REVISED_ITEMS_INTERFACE	Mass change details No table description
FINANCIALS_SYSTEM_PARAMS_ALL	Oracle Financials system parameters and defaults No table description
FND_APPLICATION	Applications registered with Oracle Application Object Library No table description
FND_CONCURRENT_PROGRAMS	Concurrent programs No table description
FND_CONCURRENT_REQUESTS	Concurrent requests information No table description
FND_CURRENCIES	Currencies enabled for use at your site
FND_DESCR_FLEX_COLUMN_USAGES	Correspondences between application table columns and descriptive flexfield segments No table description
FND_DESCR_FLEX_CONTEXTS	Structure names for descriptive flexfields No table description
FND_DUAL	Dummy base table used by a form block that does not have a real base table (for commit purposes)
FND_FLEX_VALUE_SETS	Value sets used by both key and descriptive flexfields No table description

Oracle Proprietary, Confidential Information—Use Restricted by Contract

FND_FORM	Application forms registered with Oracle Application Object Library No table description
FND_ID_FLEX_SEGMENTS	Key flexfield segments setup information and correspondences between table columns and key flexfield segments No table description
FND_ID_FLEX_STRUCTURES	Key flexfield structure information No table description
FND_LOOKUP_VALUES	QuickCode values No table description
FND_PROFILE_OPTIONS	User profile options No table description
FND_PROFILE_OPTION_VALUES	Values of user profile options defined at different profile levels No table description
FND_TABLES	Tables registered in applications No table description
FND_TERRITORIES	Territories, also known as countries No table description
GL_CODE_COMBINATIONS	Account combinations No table description
GL_PERIODS	Calendar period definitions No table description
GL_SETS_OF_BOOKS	Set of books definitions No table description
GL_TRANSLATION_RATES	Foreign currency translation rates
HR_ALL_ORGANIZATION_UNITS	Organization unit definitions.
HR_LOCATIONS_ALL	Work location definitions
MRP_AUDIT_SQL_STATEMENTS	Holds SQL statements for the information audit
MRP_DESIGNATORS	Plan names
MRP_PLANNING_EXCEPTION_SETS	Controls for a set of exception messages
MRP_PLANS	Settings for a specific plan name
MRP_SYSTEM_ITEMS	MRP item master
MTL_ACTUAL_COST_SUBELEMENT	Stores the material overhead subelements
MTL_ATP_RULES	ATP computation rules
MTL_CATALOG_SEARCH_ITEMS	Items returned by item searches
MTL_CATEGORIES_B	Code combinations table for item categories No table description

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_CATEGORY_ACCOUNTS	Asset and expense accounts by item category, by subinventory
MTL_CATEGORY_SETS_B	Category Sets
MTL_CATEGORY_SET_VALID_CATS	Valid categories for category sets
MTL_CST_ACTUAL_COST_DETAILS	Actual cost information by element, by level No table description
MTL_CST_TXN_COST_DETAILS	The cost of a transaction by element, by level No table description
MTL_CYCLE_COUNT_HEADERS	Defines cycle count header information
MTL_DEFAULT_CATEGORY_SETS	Default category set for a particular functional area No table description
MTL_DEMAND	Sales order demand and reservations
MTL_DEMAND_INTERFACE	Temporary demand storage for the transaction processor No table description
MTL_DESCRIPTIVE_ELEMENTS	Descriptive element definitions for an item catalog group No table description
MTL_DESCR_ELEMENT_VALUES	Stores the descriptive element values for a particular item No table description
MTL_DESC_ELEM_VAL_INTERFACE	Not used currently
MTL_INTERFACE_ERRORS	Item open interface errors
MTL_INTERFACE_PROC_CONTROLS	Interface Processes Control Parameters
MTL_INTERORG_PARAMETERS	Inter–organization relationships
MTL_ITEM_ATTRIBUTES	Item attributes table
MTL_ITEM_CATALOG_GROUPS	Item catalog groups
MTL_ITEM_CATEGORIES	Define item assignments to categories
MTL_ITEM_LOCATIONS	Definitions for stock locators
MTL_ITEM_REVISIONS	Item revisions
MTL_ITEM_STATUS	Material status definitions
MTL_ITEM_SUB_INVENTORIES	Item–subinventory assignments

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_TRANSACTIONS	Material transaction table (See page 3 – 420)
MTL_MATERIAL_TRANSACTIONS_TEMP	Temporary table for processing material transactions (See page 3 – 428)
MTL_MATERIAL_TXN_ALLOCATIONS	Unit allocations among repetitive schedules (See page 3 – 435)
MTL_ONHAND_QUANTITIES	FIFO quantities by control level and receipt (See page 3 – 455)
MTL_PAC_ACTUAL_COST_DETAILS	Stores the elemental cost for a given transaction in a period (See page 3 – 460)
MTL_PAC_COST_SUBELEMENTS	Stores the material overhead sub–elements that are charged for a given transaction in a particular period. (See page 3 – 463)
MTL_PAC_TXN_COST_DETAILS	Transaction details for a period (See page 3 – 465)
MTL_PARAMETERS	Inventory control options and defaults (See page 3 – 467)
MTL_PENDING_ITEM_STATUS	History of item–status assignments (See page 3 – 474)
MTL_PERIOD_SUMMARY	Period summary inventory values for subinventories (See page 3 – 477)
MTL_PER_CLOSE_DTLS	(See page 3 – 479)
MTL_PHYSICAL_INVENTORIES	Physical inventory definitions (See page 3 – 485)
MTL_PICKING_RULES	Picking Rule Definitions (See page 3 – 493)
MTL_RTG_ITEM_REVISIONS	Routing revisions (See page 3 – 528)
MTL_SALES_ORDERS	Local definitions of sales orders (See page 3 – 534)
MTL_SECONDARY_INVENTORIES	Subinventory definitions (See page 3 – 537)
MTL_SECONDARY_LOCATORS	Item–subinventory–locator assignments (See page 3 – 541)
MTL_STATUS_ATTRIBUTE_VALUES	Item status code attribute values (See page 3 – 567)
MTL_SUPPLY	Stores incoming supply information (See page 3 – 571)
MTL_SYSTEM_ITEMS_B	Inventory item definitio
ns (See page 3 – 579)	
MTL_SYSTEM_ITEMS_INTERFACE	Inventory Items Open Interface table (See page 3 – 600)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TRANSACTION_ACCOUNTS	Material transaction distributions (See page 3 – 628)
MTL_TRANSACTION_LOT_NUMBERS	Transaction lot numbers (See page 3 – 639)
MTL_TRANSACTION_TYPES	Inventory Transaction Types Table (See page 3 – 643)
MTL_UNITS_OF_MEASURE_TL	Unit of measure definitions (See page 3 – 654)
MTL_UNIT_TRANSACTIONS	Serial number transactions (See page 3 – 656)
MTL_UOM_CLASSES_TL	Unit of measure classes (See page 3 – 659)
MTL_UOM_CLASS_CONVERSIONS	Conversions between base units of two different classes (See page 3 – 660)
MTL_UOM_CONVERSIONS	Unit of measure conversion table for both default and item specific conversions (See page 3 – 662)
ORG_ACCT_PERIODS	Organization accounting period definition table (See page 3 – 670)
ORG_GL_BATCHES	General Ledger transfer information for each batch (See page 3 – 674)
PAY_COST_ALLOCATION_KEYFLEX	Cost Allocation key flexfield combinations table. (See page 3 – 675)
PA_PROJECTS_ALL	Information about projects
PA_TASKS	User–defined subdivisions of project work No table description
PO_DISTRIBUTIONS_ALL	Purchase order distributions (See page 3 – 684)
PO_HEADERS_ALL	Document headers (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 693)
PO_LINES_ALL	Purchase document lines (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 701)
PO_LINE_LOCATIONS_ALL	Document shipment schedules (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 708)
PO_REQUISITION_HEADERS_ALL	Requisition headers (See page 3 – 730)
PO_REQUISITION_LINES_ALL	Requisition lines (See page 3 – 734)
RA_CUSTOMER_TRX_ALL	Header–level information about invoices, debit memos, chargebacks, commitments and credit memos No table description

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RA_CUSTOMER_TRX_LINES_ALL	Invoice, debit memo, chargeback, credit memo and commitment lines
RA_CUST_TRX_LINE_GL_DIST_ALL	Accounting records for revenue, unearned revenue and unbilled receivables
RA_CUST_TRX_TYPES_ALL	Transaction type for invoices, commitments and credit memos No table description
RA_TERRITORIES	Territory information (See page 3 – 768)
RCV_PARAMETERS	Organization–level receiving controls (See page 3 – 771)
RCV_SHIPMENT_HEADERS	Shipment and receipt header information (See page 3 – 776)
RCV_SHIPMENT_LINES	Receiving shipment line information (See page 3 – 780)
RCV_SUPPLY	Summary information about items in receiving / inspection No table description
RCV_TRANSACTIONS	Receiving transactions (See page 3 – 784)
SO_LINE_DETAILS	Order line schedule details
SO_PICKING_LINES_ALL	Picking lines
WIP_ACCOUNTING_CLASSES	Accounting classes
WIP_COST_TXN_INTERFACE	Requests to process cost transactions (See page 3 – 799)
WIP_DEF_CAT_ACC_CLASSES	Default accounting classes
WIP_DISCRETE_JOBS	Discrete jobs (See page 3 – 804)
WIP_ENTITIES	Information common to jobs and schedules (See page 3 – 810)
WIP_LINES	Production lines
WIP_MOVE_TRANSACTIONS	Shop floor move transactions (See page 3 – 818)
WIP_MOVE_TXN_INTERFACE	Requests to process shop floor move transactions (See page 3 – 821)
WIP_OPERATIONS	Operations necessary for jobs and schedules (See page 3 – 825)
WIP_OPERATION_OVERHEADS	Overheads for operations in an average costing organization No table description
WIP_OPERATION_RESOURCES	Resources necessary for operations (See page 3 – 828)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_PAC_ACTUAL_COST_DETAILS	Stores the cost of each resoure, overhead, outside processing and job close transation by entity, period, cost group No table description
WIP_PAC_PERIOD_BALANCES	Stores periodic balance of all WIP entities within a cost group by period No table description
WIP_PARAMETERS	WIP specific organization level parameters (See page 3 – 831)
WIP_PERIOD_BALANCES	Job and schedule charges, by accounting period (See page 3 – 835)
WIP_REPETITIVE_ITEMS	Line / assembly associations (See page 3 – 838)
WIP_REPETITIVE_SCHEDULES	Repetitive schedules (See page 3 – 841)
WIP_REQUIREMENT_OPERATIONS	Components required by jobs and schedules (See page 3 – 844)
WIP_REQ_OPERATION_COST_DETAILS	Costs for material requirements in an average costing organization No table description
WIP_SCRAP_VALUES	Cost information for assembly scrap transactions No table description
WIP_SO_ALLOCATIONS	Allocations of job assemblies to sales orders No table description
WIP_TRANSACTIONS	WIP resource transactions (See page 3 – 851)
WIP_TRANSACTION_ACCOUNTS	Debits and credits due to resource transactions (See page 3 – 855)
WIP_TXN_ALLOCATIONS	Resource transaction allocations for repetitive schedules No table description
WIP_TXN_INTERFACE_ERRORS	Errors encountered during resource and move transaction processing

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Public View List

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

Oracle Bills of Material uses the following public views:

View Name	Description
BOM_ALT_DESIGNATORS_ALL_V	View for bill / routing alternates list of values – all records (See page 3 – 69)
BOM_ALT_DESIGNATORS_VAL_V	View for bill / routing alternates list of values – only enabled records (See page 3 – 71)
BOM_DEPARTMENTS_ALL_V	View for department list of values – all records (See page 3 – 112)
BOM_DEPARTMENTS_VAL_V	View for department list of values – only enabled records (See page 3 – 114)
BOM_OP_RESOURCES_VIEW	Operation resources view (See page 3 – 176)
BOM_ORG_CAL_DATES_VIEW	Calendar dates by organization (See page 3 – 190)
BOM_ORG_CAL_PERIODS_VIEW	View for period start dates (See page 3 – 191)
BOM_ORG_CAL_WEEKS_VIEW	Week start dates (See page 3 – 192)
BOM_ORG_SHIFT_DATES_VIEW	Shift dates for an organization's calendar – used in Calendar window (See page 3 – 193)
BOM_RESOURCES_ALL_V	View for resource list of values – all records (See page 3 – 206)
BOM_RESOURCES_VAL_V	View for resource list of values – only enabled records (See page 3 – 209)
BOM_STANDARD_OPERATIONS_ALL_V	Standard operations – all records (See page 3 – 239)
BOM_STANDARD_OPERATIONS_VAL_V	Valid standard operations (See page 3 – 242)
BOM_SUB_OPERATION_RESOURCES_V	No view description
CST_ELEMENT_OPYLD_COST_VIEW	No view description
CST_INV_LAYER_COST_DETAILS_V	No view description

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_LAYER_ACTUAL_COSTS_V	No view description
CST_LAYER_ACTUAL_COST_DTLS_V	No view description
CST_STD_WMS_INV_ADJ_VIEW	Standard cost update adjustment No view description
CST_WIP_LAYER_COSTS_DTLS_V	No view description
FND_COMMON_LOOKUPS	View of QuickCodes provided for backward compatibility No view description
FND_LOOKUPS	Oracle Application Object Library QuickCodes
MFG_LOOKUPS	No view description

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Forms and Table View List

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

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

Oracle Bills of Material uses the following Forms and Table views:

- BOM_BILL_ALTERNATES_V
- BOM_BILL_OF_MATERIALS_V
- BOM_BILL_OF_MTLS_QF_V
- BOM_DELETE_ENTITIES_V
- BOM_DELETE_ERRORS_V
- BOM_DELETE_SUB_ENTITIES_V
- BOM_DEPARTMENTS_V
- BOM_DEPARTMENT_RESOURCES_V
- BOM_DEPENDENT_DESC_ELEMENTS_V
- BOM_DEPT_RES_INSTANCES_EMP_V
- BOM_DEPT_RES_INSTANCES_EQP_V
- BOM_EXPL_INQUIRY_VIEW
- BOM_IMPL_INQUIRY_V
- BOM_INVENTORY_COMPONENTS_V
- BOM_INV_COMPS_INTERFACE_V
- BOM_MIXED_MODEL_MAP_CELLS_V
- BOM_MIXED_MODEL_MAP_PROC_V
- BOM_OPERATIONAL_ROUTINGS_V
- BOM_OPERATION_NETWORKS_V
- BOM_OPERATION_RESOURCES_V
- BOM_OPERATION_SEQUENCES_V
- BOM_PRODUCTFAMILY_MEM_V

Oracle Proprietary, Confidential Information—Use Restricted by Contract

- BOM_REFERENCE_DESIGNATORS_V
- BOM_RESOURCES_V
- BOM_RESOURCE_CHANGES_V
- BOM_RESOURCE_SHIFTS_V
- BOM_RES_INSTANCE_CHANGES_EMP_V
- BOM_RES_INSTANCE_CHANGES_EQP_V
- BOM_ROUTING_ALTERNATES_V
- BOM_SETUP_TYPES_V
- BOM_STANDARD_OPERATIONS_V
- BOM_STD_OP_RESOURCES_V
- BOM_STP_STD_OP_RESOURCES_V
- BOM_SUBSTITUTE_COMPONENTS_V
- BOM_SUB_COMPS_QF_V
- CST_ACTIVITIES_V
- CST_ACTIVITY_COSTS_V
- CST_AP_VARIANCE_V
- CST_AVG_ELEM_COSTS_V
- CST_CG_COST_HISTORY_V
- CST_COST_GROUPS_V
- CST_COST_HISTORY_V
- CST_COST_TYPES_V
- CST_COST_UPDATES_V
- CST_CQL_CIC_ITEM_COSTS_V
- CST_DEPARTMENT_OVERHEADS_V
- CST_DEPOVH_COST_TYPES_V
- CST_DISTRIBUTION_V
- CST_INV_DISTRIBUTION_V
- CST_ITEM_COST_DETAILS_V
- CST_ITEM_COST_TYPE_V
- CST_ITEM_OVERHEAD_DEFAULTS_V

Oracle Proprietary, Confidential Information—Use Restricted by Contract

- CST_LE_COST_TYPES_V
- CST_MGD_LIFO_ITEM_COSTS_V
- CST_MGD_LIFO_PERIODS_V
- CST_MTL_RCV_TXN_V
- CST_PAC_ITEM_COSTS_V
- CST_PAC_LEGAL_ENTITIES_V
- CST_PAC_PERIODS_V
- CST_PAC_PROCESS_PHASES_V
- CST_PAC_RECEIVING_VALUES_V
- CST_PAC_WIP_TXN_V
- CST_PERIOD_VALUE_V
- CST_RESOURCE_COSTS_V
- CST_RESOURCE_COST_TYPES_V
- CST_RESOURCE_OVERHEADS_V
- CST_WIP_ENTITY_V
- CZ_ATTRIBUTE_LIST_NAMES_V
- CZ_AUTOSELECTION_ITEMS_V
- CZ_AUTOSELECTION_RANGES_V
- CZ_COMPONENT_SELECTIONS_V
- CZ_CONSTRAINT_ASSIGNMENTS_V
- CZ_CONSTRAINT_CLAUSES_V
- CZ_CONSTR_ATTR_LEFT_V
- CZ_CONSTR_ATTR_RIGHT_V
- CZ_ERRORS_SUMMARY_V
- CZ_ERRORS_V
- CZ_ERROR_ATTRIBUTE_VALUES_V
- CZ_ERROR_CLAUSES_V
- CZ_INST_ATTR_VALUES_V
- CZ_ITEM_ATTRIBUTE_VALUES_V
- CZ_SYSTEM_COMPONENTS_V

Oracle Proprietary, Confidential Information—Use Restricted by Contract

- ENG_WF_PROCESS_V
- HR_ORGANIZATION_UNITS
- MTL_EMPLOYEES_VIEW
- MTL_ITEM_FLEXFIELDS
- MTL_ORGANIZATIONS
- MTL_UOM_CONVERSIONS_VIEW
- ORG_ORGANIZATION_DEFINITIONS
- ORG_ORGANIZATION_DEFINITIONS2
- PER_PEOPLE_X

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Internal View List

This section lists each private, internal view that Oracle Bills of Material uses.

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

Oracle Bills of Material uses the following internal views:

- BOM_BILL_NO_HOLD_REVISIONS_V
- BOM_BILL_RELEASED_REVISIONS_V
- BOM_CALENDARS_VIEW
- BOM_CALENDAR_MONTHS_VIEW
- BOM_CALENDAR_WEEKS_VIEW
- BOM_CONSOLIDATE_EXPLOSION_VIEW
- BOM_EXPLOSION_VIEW
- BOM_IMPLOSION_VIEW
- BOM_IMPL_INQUIRY_VIEW
- BOM_ITEM_CURRENT_REV_VIEW
- BOM_ITEM_REVISIONS_VIEW
- BOM_LINES_VIEW
- BOM_LINE_DETAILS_VIEW
- BOM_PICKING_LINES_VIEW
- BOM_REF_DESIGNATORS_VIEW
- BOM_ROUTING_REVISIONS_VIEW
- BOM_RTG_CURRENT_REV_VIEW
- BOM_SHIFT_MONTHS_VIEW
- BOM_SHIFT_WEEKS_VIEW
- BOM_SUB_COMPONENTS_VIEW
- CST_ACCOUNTING_EVENT_TYPES_V
- CST_ACTIVITIES_VAL_V
- CST_ACTIVITY_COST_VIEW
- CST_ACTIVITY_DEPT_COST_VIEW

Oracle Proprietary, Confidential Information—Use Restricted by Contract

- CST_ACTIVITY_FLEX_COST_VIEW
- CST_ACTIVITY_OP_COST_VIEW
- CST_AEL_GL_INV_V
- CST_AEL_GL_WIP_V
- CST_AEL_SL_INV_V
- CST_AEL_SL_WIP_V
- CST_AVG_DIST_ACCTS_V
- CST_CG_ITEM_COSTS_VIEW
- CST_CG_WIP_ACCT_CLASSES_V
- CST_CODE_ACTIVITY_COST_VIEW
- CST_CODE_COST_VIEW
- CST_CODE_DEPARTMENT_COST_VIEW
- CST_CODE_FLEX_COST_VIEW
- CST_CODE_OPERATION_COST_VIEW
- CST_COST_TYPES_ALL_V
- CST_COST_TYPES_VAL_V
- CST_DEFAULT_COST_VIEW
- CST_DEFAULT_DETAIL_COST_VIEW
- CST_DETAIL_COSTS_FOR_GL_VIEW
- CST_DETAIL_COST_VIEW
- CST_DISTRIBUTION_VIEW
- CST_ELEMENT_ACTIVITY_COST_VIEW
- CST_ELEMENT_CODE_COST_VIEW
- CST_ELEMENT_COST_VIEW
- CST_ELEMENT_DEPT_COST_VIEW
- CST_ELEMENT_OP_COST_VIEW
- CST_GL_TRANSLATION_VIEW
- CST_INTRANSIT_VALUE_VIEW
- CST_ITEM_COSTS_FOR_GL_VIEW
- CST_ITEM_COSTS_VIEW

Oracle Proprietary, Confidential Information—Use Restricted by Contract

- CST_LAYER_COST_DETAILS_V
- CST_OPERATION_LEVEL_COST_VIEW
- CST_PAC_AEL_GL_INV_V
- CST_PAC_AEL_GL_RCV_V
- CST_PAC_AEL_GL_WIP_V
- CST_PAC_AEL_SL_INV_V
- CST_PAC_AEL_SL_RCV_V
- CST_PAC_AEL_SL_WIP_V
- CST_PERIOD_BALANCES_VIEW
- CST_PM_MATL_TXN_V
- CST_PM_PENDING_TXN_V
- CST_PROJMFG_CMT_VIEW
- CST_PROJ_EXP_TYPES_VAL_V
- CST_QUANTITY_LAYERS_V
- CST_ROLLUP_DATE_VIEW
- CST_STD_COST_ADJ_TMP1_V
- CST_STD_COST_ADJ_TMP2_V
- CST_STD_INV_ADJ_VIEW
- CST_STD_WIP_ADJ_VIEW
- CST_TOTAL_COST_VIEW
- CST_WIP_COST_ELEM_VARIANCES_V
- CST_WIP_ENTITY_VIEW
- CST_WIP_PERIOD_BALANCES_V
- CST_WIP_TXN_TYPE_VIEW
- CST_WIP_VARIANCES_V
- MRP_BOM_PLAN_NAME_LOV_V
- MTL_DEFAULT_SETS_VIEW
- PA_EXPENDITURE_TYPES_EXPEND_V
- PA_ORGANIZATIONS_EXPEND_V
- RCV_RECEIVING_VALUE_VIEW

Oracle Proprietary, Confidential Information—Use Restricted by Contract

- SO_ORDER_LINE_STATUS
- WIP_NON_STANDARD_CLASSES_VAL_V
- WIP_REPETITIVE_CLASSES_VAL_V
- WIP_STANDARD_CLASSES_VAL_V

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Single Organization View List

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

In Release 10.7, we added a column, ORG_ID, to each base table that requires "partitioning" by operating unit, including all transaction tables and many reference tables, then renamed these tables to end with the suffix _ALL. Then, to take the place of the renamed table, we create a view (named like the Release 10.6 or earlier table) containing a WHERE clause that automatically restricts data to a single operating unit. The WHERE clause relies upon the value of an Oracle global variable to indicate the current organization.

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

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

Additional Information: *Multiple Organizations in Oracle Applications*

Oracle Bills of Material uses the following Single Organization views:

- PO_DISTRIBUTIONS
- PO_HEADERS
- PO_LINES
- PO_LINE_LOCATIONS
- PO_REQUISITION_HEADERS
- RA_CUSTOMER_TRX
- RA_CUSTOMER_TRX_LINES
- RA_CUST_TRX_LINE_GL_DIST
- SO_HEADERS
- SO_LINES
- SO_ORDER_TYPES_115

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Multilingual View List

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

Oracle Bills of Material uses the following Multilingual views:

- CZ_CONSTRAINTS_VL

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Module List

This section lists each form, report and concurrent program comprising Oracle Bills of Material.

Forms

BOMFDBAD	Define Alternates
BOMFDBCO	Define Standard Comments
BOMFDBOM	Define Bill of Material
BOMFDBPR	Define Bills of Material Parameters
BOMFDCAL	Define Workday Calendar
BOMFDCON	Define Delete Constraint
BOMFDDEL	Delete Item Information
BOMFDEXS	Define Workday Exception Sets
BOMFDMCC	Define Material Sub–Elements
BOMFDMCO	Mass Change Bill of Material
BOMFDODC	Define Department Classes
BOMFDODP	Define Department
BOMFDORS	Define Resource
BOMFDPFI	Define Product Family
BOMFDRRV	Define Routing Revisions
BOMFDRSO	Define Standard Operation
BOMFDRTG	Define Routing
BOMFQBCP	View Bill of Material Comparison
BOMFQBIN	View Indented Bill of Material
BOMFQMMM	Mixed Model Map
BOMFQWIN	View Item Usage
BOMFQWRS	View Resource Usage
CSTFDATY	Define Activity
CSTFDCEA	Expenditure Types for Cost Elements
CSTFDCGA	Cost Groups
CSTFDCTP	Define Cost Type

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CSTFDMOD	Define Item Overhead Defaults
CSTFDMSE	Material Subelements
CSTFDOVH	Define Overhead
CSTFEACU	Average Cost Update
CSTFITCT	Item Costs
CSTFPLWD	Default WIP Accounting Classes for Categories
CSTFQITD	Material Transaction Distributions
CSTFQSCH	View Item Standard Cost History
CSTFQSCU	View Standard Cost Update
CSTFQWTD	WIP Transaction distribution
CSTFQWVS	WIP Value Summary
CSTQICCG	Item Cost History
CSTQINII	Item Interface Inquiry
CZFACONS	Assign Constraints
CZFDCFGR	Configurator
CZFDCONS	Define Constraints
CZFICIAV	Constraint Details
CZFIERRS	Messages Summary
CZFSUIAV	Configurator Attribute Values
INVIDITM	Organization Items
INVIDREV	Define Item Revisions
INVSDOIO	Define Organization Parameters
INVTMSMG	Start Managers
INVTTUAV	Update Item Costs

Reports

BOMCPCFG	Purge Configuration Items Report
BOMRASSY	Bill of Material Listing Report
BOMRBCMP	Bill of Material Comparison Report
BOMRBOMC	Consolidated Bill of Material Report
BOMRBOMS	Bill of Material Structure Report

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOMRDBAD	Alternates Report
BOMRDBCO	Standard Comments Report
BOMRDBPR	Bills of Material Parameters Report
BOMRDDEL	Delete Item Information Report
BOMRDEXS	Exception Sets Report
BOMRDODC	Department Classes Report
BOMRDODP	Department Report
BOMRDORS	Resource Report
BOMRDRSO	Standard Operation Report
BOMRDRTG	Routing Report
BOMRWUIT	Item Where Used Report
BOMRWURS	Resource Where Used Report
CRPRRBOR	Bill of Resources Report
CSTRAIVR	All Inventories Value
CSTRBICR	BOM Indented Cost Report
CSTRCTCR	Cost Type Comparison
CSTRDICR	Detailed Item Cost
CSTRDJVA	WIP Discrete Job Value for Average Costing
CSTREIVR	Elemental Inventory Valuation
CSTRELCR	Elemental Cost
CSTRFICR	Flexible Item Cost
CSTRINVR	Inventory Valuation
CSTRISLR	Inventory Subledger
CSTRITVR	Intransit Valuation
CSTRMRGA	Margin Analysis Report
CSTROVHD	Overhead
CSTRUSIA	Inventory Standard Cost Adjustments
CSTRUSJA	WIP Standard Cost Adjustments
CSTRUSTA	Intransit Standard Cost Adjustments
CZRSUAWU	Attribute and AutoSelection / AutoExclusion Item Where Used Report
CZRSUCMR	Configuration Messages Report

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CZRSUIWU	AutoSelection / AutoExclusion Item and Attribute Where Used Report
ENGRCNDR	Engineering Change Order Detail Report
ENGRCNSR	Engineering Change Order Schedule Report
INVARCLI	Cycle Count Listing Report
INVARCPA	Cycle Count Pending Approval Report
INVARCTA	Cycle Count Entries and Adjustments Report
INVARORE	Cycle Count Open Requests Report
INVARPAR	Physical Inventory Adjustments Report
INVARPMT	Physical Inventory Missing Tag Listing
INVARPSL	Physical Inventory Counts Report
INVARRTA	Cycle Count Schedule Requests Report
INVDRRSV	Item Reservations Report
INVIRCXR	Customer Item Cross References Report
INVIRILC	Locator Quantities Report
INVIRITS	Item Definition Summary
INVIRSIQ	Subinventory Quantities Report
INVIRSNO	Serial Number Detail
INVISMMX	Min–max Planning Report
INVM2MQT	Multiple Organization Inventory Report
INVMRMQT	Multiple Organization Inventory Report
INVSROPT	Organization Parameters Listing
INVTRELT	Expired Lots Report
INVTRLNT	Lot Transaction Register
INVTRREG	Transaction Register
INVTRSNT	Serial Number Transaction Register
POXDLPDT	Receipt Traveler
RCVTXRTR	Receiving Transactions Regisiter
WIPDJDAT	Discrete Job Data Report
WIPDJORQ	Discrete Job Shortage Report
WIPDJPCK	Discrete Job Pick List Report
WIPDJRTG	Discrete Job Routing Sheet

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIPLBOSP	WIP Outside Processing Report
WIPLBPER	Resource Performance Report
WIPMTLCT	WIP Location Report
WIPREDAT	Repetitive Schedule Data Report
WIPRELIN	Repetitive Line Report
WIPREORQ	Repetitive Schedule Shortage Report
WIPREPCK	Repetitive Pick List Report
WIPRERTG	Repetitive Routing Sheet
WIPREVAL	Repetitive Value Report
WIPSULIN	Production Line Report
WIPSUPMT	WIP Parameters Report
WIPTRTXN	Resource Transaction Report
WIPTSMOV	Move Transaction Report
WIPUTACD	WIP Account Distribution Report
WIPUTVAL	WIP Value Report

Concurrent Programs

BMCCCI	AutoCreate Configuration Items
BMCCLT	Roll up cumulative leadtimes
BMCDEL	Delete Item Information
BMCMUD	Mass Change Bills of Material
BMCOIN	Bills of Material and Routing Interface
BMCPCL	Build Workday Calendar
BMCREX	Explode Bills of Material
BMCRLT	Calculate Manufacturing Leadtimes
BOMCCIPD	Deactivate Configuration Item
BOMPBCMP	Stored procedure for bom compare results
BOMPBEXP	BOM exploder
BOMPBXIN	BOM exploder for inquiry
BOMPCCLT	Leadtime rollup procedure
BOMPCEDC	Check for an existing duplicate configuration

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOMPCHDU	Find and match duplicate configuration items
BOMPECOD	Stored procedure that deletes an ECO and all the associated data
BOMPEXPL	Package to call the three BOM exploders
BOMPIINQ	Packaged procedure for the imploder inquiry
BOMPIMPL	Packaged procedure for the imploders
BOMPINRV	Increment revision for an item and return the new revision
BOMPKMUD	Stored package that creates an ECO for mass change bills of material.
BOMPLDCB	Packaged function that loads the BOM and Routing interface tables
BOMPLDCI	Packaged function that loads the inventory interface tables
BOMPMBHD	Explode bills marked for reexplosion in temp table
BOMPMCFG	Procedure containing functions to Match and Reserve ATO Configurations
BOMPNORD	Exploder call from Enter Orders form
BOMPOPIF	Main package for Bill and Routing Open Interface
BOMPRFIL	Stored procedure that retrieves profile values
BOMPXINQ	Package to call the BOM exploders for the inquiry
CMCACW	Actual Cost Worker
CMCCCI	Project Manufacturing Material Cost Collection Worker
CMCCCM	Project Manufacturing Cost Collection Manager
CMCCCU	Update standard costs
CMCCCW	Project Manufacturing WlP Cost Collection Worker
CMCCOC	Copy item cost across organizations
CMCCTM	Resource Cost Transaction Manager
CMCCTW	Resource Cost Transaction Worker
CMCICU	Update standard costs
CMCMCW	Material Cost Worker
CMCMEC	Mass edit cost information
CMCPAM	PAC Manager

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CMCPAW	PAC Worker
CMCPIM	Period Cost Import Manager
CMCPIW	Period Cost Import Worker
CMCTCM	Cost Manager
CMRCCU	Pending cost adjustment reports
CMRICU	Simulate standard cost update
CSOCINT	Service OC Interface
CSTCMDEL	Purge Margin Analysis
CSTCMLOD	Margin Analysis Load
CSTCSCAC	Copy activity costs
CSTCSCIC	Copy item costs
CSTCSCOC	Copy overhead costs
CSTCSCRC	Copy resource costs
CSTCSCRO	Copy resource overhead associations
CSTCSEIA	Edit item accounts
CSTCSMIA	Edit item accounts
CSTCSPCH	Purge standard cost history
CSTCSPCT	Purge cost type information
CSTCSPCU	Purge Standard Cost History
CSTCSROL	Delete Temporary Rollup Data
CSTCUSIA	Launch inventory standard cost adjustment report
CSTCUSJA	Launch WIP Standard Cost Adjustment Report
CSTCUSTA	Launch Intransit Standard Cost Adjustment Report
CYCROL	Bill of Resources Load
ENCACN	Automatic Engineering Change Order Implementation
ENCECP	Engineering Change Order Purge program
INCACG	Generate Count Requests
INCFIF	Compile item forecast
INCIPS	Update item statuses with pending statuses
INCTSN	Initialize serial numbers for inventory items
INVPPRCI	Packaged function that processes the Item Interface tables.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

`WICDCL`	Close discrete jobs

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CHAPTER

3

Detailed Design

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 Bills of Material that enables you to:

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

Table and View Definitions

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Table and View Definitions

This section contains a detailed description of each Oracle Bills of Material 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 Bills of Material 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 Bills of Material 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 Bills of Material 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 Bills of Material does not use this column, although the column might be used in a future release.
No longer used	Oracle Bills of Material no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Bills of Material might not include this column.
No longer installed	Oracle Bills of Material no longer uses this column. If you *upgraded* 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 *install* Oracle Bills of Material, you do not have this column.

Standard Who Columns

Most Oracle Bills of Material tables contain standard columns to support \ **R**ow **W**ho. 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

inserts a row in an interface table, you must populate each of the five standard Who columns:

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

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

Additional Who Columns for Concurrent Programs

Some Oracle Bills of Material 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 Bills of Material table uses an Oracle8i index, we list the database columns that comprise that index, in sequential order.

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

Sequences

Oracle Bills of Material 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 Bills of Material 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.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

ACTIVITY_COSTS

Column Descriptions

Name	Null?	Type	Description
ACTVTYCOST_ID (PK)	NOT NULL	NUMBER(10)	

Sequences

Sequence	Derived Column
ACTVTYCOST_SEQ	ACTVTYCOST_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_ATTRIBUTES

AK_ATTRIBUTES contains information about the attributes you define. You need one row for each attribute.

Each attribute has a name, an application that owns the attribute, formatting properties, a default value, a prompt, and a data type (i.e., Number, Varchar2, Date, etc.).

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DATA_TYPE	DATA_TYPE	AK_LOOKUP_CODES
	BOOLEAN	Boolean
	DATE	Date
	DATETIME	Datetime
	NUMBER	Number
	URL	URL
	VARCHAR2	Varchar2
HORIZONTAL_ALIGNMENT	HORIZONTAL_ALIGNMENT	AK_LOOKUP_CODES
	CENTER	Center
	LEFT	Left
	RIGHT	Right
VERTICAL_ALIGNMENT	VERTICAL_ALIGNMENT	AK_LOOKUP_CODES
	BOTTOM	Bottom
	CENTER	Center
	TOP	Top

Column Descriptions

Name	Null?	Type	Description
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the attribute belongs to
ATTRIBUTE_LABEL_LENGTH	NULL	NUMBER(15)	Number of characters to be displayed for the attribute label
ATTRIBUTE_VALUE_LENGTH	NULL	NUMBER(15)	Number of characters to be displayed for the attribute value
BOLD	NOT NULL	VARCHAR2(1)	Bold flag ('Y' – Bold the attribute value, 'N' – Do not bold the attribute value)
ITALIC	NOT NULL	VARCHAR2(1)	Italic flag ('Y' – Italicize the attribute value, 'N' – Do not italicize the attribute value)
VERTICAL_ALIGNMENT	NOT NULL	VARCHAR2(30)	Vertical Alignment for attribute
HORIZONTAL_ALIGNMENT	NOT NULL	VARCHAR2(30)	Horizontal alignment for attribute
DATA_TYPE	NOT NULL	VARCHAR2(30)	Data type of attribute
UPPER_CASE_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether the attribute should be in upper case ('Y' – upper case, 'N' – not upper case)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
DEFAULT_VALUE_VARCHAR2	NULL	VARCHAR2(240)	Default value of attribute when the data type of the attribute is VARCHAR
DEFAULT_VALUE_NUMBER	NULL	NUMBER(15)	Default value of attribute when the data type of the attribute is NUMBER
DEFAULT_VALUE_DATE	NULL	DATE	Default value of attribute when the data type of the attribute is DATE or DATETIME
LOV_REGION_CODE	NULL	VARCHAR2(30)	LOV Region identifier
LOV_REGION_APPLICATION_ID	NULL	NUMBER(15)	Product team's application ID which the LOV Region belongs to
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
ITEM_STYLE	NOT NULL	VARCHAR2(30)	
DISPLAY_HEIGHT	NULL	NUMBER	
CSS_CLASS_NAME	NULL	VARCHAR2(80)	
POPLIST_VIEWOBJECT	NULL	VARCHAR2(240)	
POPLIST_DISPLAY_ATTRIBUTE	NULL	VARCHAR2(80)	
POPLIST_VALUE_ATTRIBUTE	NULL	VARCHAR2(80)	
CSS_LABEL_CLASS_NAME	NULL	VARCHAR2(80)	

Indexes

Index Name	Index Type	Sequence	Column Name
AK_ATTRIBUTES_U1	UNIQUE	4	ATTRIBUTE_CODE
		6	ATTRIBUTE_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_ATTRIBUTES_TL

AK_ATTRIBUTES_TL stores translated information about the attributes in AK_ATTRIBUTES. Each row includes the language the row is translated to, the name, description, and label of the attribute, and the attribute identifier which uniquely identifies the attribute. You need one row for each attribute in each of the installed languages. Each row includes a language and SOURCE_LANG column which can be used to determine if a value has been translated or defaulted.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the attribute belongs to
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
NAME	NOT NULL	VARCHAR2(80)	Name of the attribute
ATTRIBUTE_LABEL_LONG	NULL	VARCHAR2(80)	Label/Prompt of attribute
ATTRIBUTE_LABEL_SHORT	NULL	VARCHAR2(40)	A short label/prompt of attribute (this column is obsolete, do not use)
DESCRIPTION	NULL	VARCHAR2(2000)	Description of attribute
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language code of the language which the values of the translatable columns were originally entered
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_ATTRIBUTES_TL_U1	UNIQUE	4	ATTRIBUTE_CODE
		6	ATTRIBUTE_APPLICATION_ID
		8	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_EXCLUDED_ITEMS

AK_EXCLUDED_ITEMS contains attributes which should be hidden from users based on their responsibility ID. You need one row for each attribute that you want hidden for a specific responsibility. AK_QUERY_PKG currently makes use of this table and it returns the attribute and attribute's value. AK_QUERY_PKG also sets a flag (SECURED_COLUMN=Y) to inform the developer that this attribute (or column) should be secured (hidden) from the current user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_ATTRIBUTES	ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE	ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE
FND_RESPONSIBILITY	RESPONSIBILITY_ID APPLICATION_ID	RESPONSIBILITY_ID ATTRIBUTE_APPLICATION_ID

Column Descriptions

Name	Null?	Type	Description
RESPONSIBILITY_ID (PK)	NOT NULL	NUMBER(15)	Responsibility ID of the application user
RESP_APPLICATION_ID	NOT NULL	NUMBER	Product team's application ID which the responsibility ID belong to
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Identifier of attribute which the user with the responsibility ID cannot access
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the attribute belongs to
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_EXCLUDED_ITEMS_U1	UNIQUE	2	RESPONSIBILITY_ID
		4	RESP_APPLICATION_ID
		6	ATTRIBUTE_CODE
		8	ATTRIBUTE_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FLOWS

AK_FLOWS contains flows and their primary page. A flow represents a series of pages that are returned by AK_QUERY_PKG. You need to create one row for each flow.

Each row must include a primary page code which indicates the starting page for the flow.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_FLOW_PAGES	FLOW_APPLICATION_ID	FLOW_APPLICATION_ID
	FLOW_CODE	FLOW_CODE
	PAGE_APPLICATION_ID	PRIMARY_PAGE_APPL_ID
	PAGE_CODE	PRIMARY_PAGE_CODE

Column Descriptions

Name	Null?	Type	Description
FLOW_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow unique identifier
FLOW_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow belong to
PRIMARY_PAGE_CODE	NOT NULL	VARCHAR2(30)	Identifier of primary page of the flow
PRIMARY_PAGE_APPL_ID	NOT NULL	NUMBER(15)	Product team's application ID which the primary flow page belong to
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FLOWS_U1	UNIQUE	2	FLOW_CODE
		4	FLOW_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FLOWS_TL

AK_FLOWS_TL stores translated information about the flows in AK_FLOWS. Each row includes the language the row is translated to, the translated attributes of the flow, and the flow identifier which uniquely identifies the flow. You need one row for each flow in each of the installed languages. Each row includes a language and SOURCE_LANG column which can be used to determine if a value has been translated or defaulted.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_FLOWS	FLOW_APPLICATION_ID FLOW_CODE	FLOW_APPLICATION_ID FLOW_CODE

Column Descriptions

Name	Null?	Type	Description
FLOW_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow unique identifier
FLOW_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow belong to
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
NAME	NOT NULL	VARCHAR2(30)	Name of flow
DESCRIPTION	NULL	VARCHAR2(2000)	Description of flow
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language code of the language which the values of the translatable columns were originally entered
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FLOWS_TL_U1	UNIQUE	4	FLOW_CODE
		6	FLOW_APPLICATION_ID
		8	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FLOW_PAGES

AK_FLOW_PAGES defines the pages for a flow. A page represents a series of regions that are returned by AK_QUERY_PKG. You will need one row for each page you want to assign to a flow.

Each page must contain a primary region which indicates the starting region for that page.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_FLOWS	FLOW_APPLICATION_ID FLOW_CODE	FLOW_APPLICATION_ID FLOW_CODE
AK_FLOW_PAGE_REGIONS	FLOW_APPLICATION_ID FLOW_CODE PAGE_APPLICATION_ID PAGE_CODE REGION_APPLICATION_ID REGION_CODE	FLOW_APPLICATION_ID FLOW_CODE PAGE_APPLICATION_ID PAGE_CODE PRIMARY_REGION_APPL_ID PRIMARY_REGION_CODE

Column Descriptions

Name	Null?	Type	Description
FLOW_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow unique identifier
FLOW_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow belong to
PAGE_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow page identifier
PAGE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow page belong to
PRIMARY_REGION_CODE	NOT NULL	VARCHAR2(30)	Identifier of primary region for the page
PRIMARY_REGION_APPL_ID	NOT NULL	NUMBER(15)	Product team's application ID which the primary flow page region belong to
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FLOW_PAGES_U1	UNIQUE	4	FLOW_CODE
		6	FLOW_APPLICATION_ID
		10	PAGE_CODE
		12	PAGE_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FLOW_PAGES_TL

AK_FLOW_PAGES_TL stores translated information about the flow pages in AK_FLOW_PAGES. Each row includes the language the row is translated to, the translated attributes of the flow page, and the flow page identifier which uniquely identifies the flow page. You need one row for each flow page in each of the installed languages. Each row includes a language and SOURCE_LANG column which can be used to determine if a value has been translated or defaulted.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_FLOW_PAGES	FLOW_APPLICATION_ID	FLOW_APPLICATION_ID
	FLOW_CODE	FLOW_CODE
	PAGE_APPLICATION_ID	PAGE_APPLICATION_ID
	PAGE_CODE	PAGE_CODE

Column Descriptions

Name	Null?	Type	Description
FLOW_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow unique identifier
FLOW_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow belong to
PAGE_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow page identifier
PAGE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow page belong to
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
NAME	NOT NULL	VARCHAR2(80)	Name of flow page
DESCRIPTION	NULL	VARCHAR2(2000)	Description of flow page
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language code of the language which the values of the translatable columns were originally entered
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FLOW_PAGES_TL_U1	UNIQUE	4	FLOW_CODE
		6	FLOW_APPLICATION_ID
		10	PAGE_CODE
		12	PAGE_APPLICATION_ID
		14	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FLOW_PAGE_REGIONS

AK_FLOW_PAGE_REGIONS contains regions that belong on a page. You will need one row for each region that you want to assign to a page.

You can further specify the sequence that a region will appear on a page, the region's style and the region's parent region.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_FLOW_PAGES	FLOW_APPLICATION_ID FLOW_CODE PAGE_APPLICATION_ID PAGE_CODE	FLOW_APPLICATION_ID FLOW_CODE PAGE_APPLICATION_ID PAGE_CODE
AK_FLOW_PAGE_REGIONS	FLOW_APPLICATION_ID FLOW_CODE PAGE_APPLICATION_ID PAGE_CODE REGION_APPLICATION_ID REGION_CODE	FLOW_APPLICATION_ID FLOW_CODE PAGE_APPLICATION_ID PAGE_CODE PARENT_REGION_APPLICATION_ID PARENT_REGION_CODE
AK_REGIONS	REGION_APPLICATION_ID REGION_CODE	REGION_APPLICATION_ID REGION_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REGION_STYLE	REGION_STYLE FORM TABLE	AK_LOOKUP_CODES Single Row Multi Row

Column Descriptions

Name	Null?	Type	Description
FLOW_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow unique identifier
FLOW_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow belong to
PAGE_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow page identifier
PAGE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow page belong to
REGION_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow page region unique identifier
REGION_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow page region belong to
DISPLAY_SEQUENCE	NULL	NUMBER(15)	The sequence number of displaying flow page region
REGION_STYLE	NOT NULL	VARCHAR2(30)	Defines the style for the region
NUM_COLUMNS	NULL	NUMBER(15)	Number of columns for this flow page region
PARENT_REGION_CODE	NULL	VARCHAR2(30)	Parent region for this flow page region
PARENT_REGION_APPLICATION_ID	NULL	NUMBER(15)	Product team's application id which the parent region belong to
ICX_CUSTOM_CALL	NULL	VARCHAR2(80)	Link to a URL which the application can access

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FLOW_PAGE_REGIONS_U1	UNIQUE	4	FLOW_CODE
		6	FLOW_APPLICATION_ID
		10	PAGE_CODE
		12	PAGE_APPLICATION_ID
		16	REGION_CODE
		18	REGION_APPLICATION_ID
AK_FLOW_PAGE_REGIONS_U2	NOT UNIQUE	2	FLOW_CODE
		4	FLOW_APPLICATION_ID
		6	PAGE_CODE
		8	PAGE_APPLICATION_ID
		10	DISPLAY_SEQUENCE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FLOW_PAGE_REGION_ITEMS

AK_FLOW_PAGE_REGION_ITEMS contains flow page region items that links to another page or to a URL. You need one row for each link that you want as part of your flow.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_FLOW_PAGE_REGIONS	FLOW_APPLICATION_ID	FLOW_APPLICATION_ID
	FLOW_CODE	FLOW_CODE
	PAGE_APPLICATION_ID	PAGE_APPLICATION_ID
	PAGE_CODE	PAGE_CODE
	REGION_APPLICATION_ID	REGION_APPLICATION_ID
	REGION_CODE	REGION_CODE
AK_REGION_ITEMS	REGION_CODE	REGION_CODE
	REGION_APPLICATION_ID	REGION_APPLICATION_ID
	ATTRIBUTE_CODE	ATTRIBUTE_CODE
	ATTRIBUTE_APPLICATION_ID	ATTRIBUTE_APPLICATION_ID

Column Descriptions

Name	Null?	Type	Description
FLOW_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow unique identifier
FLOW_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow belong to
PAGE_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow page identifier
PAGE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow page belong to
REGION_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow page region identifier
REGION_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow page region belong to
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Identifier of flow page region item which is usually the same as the attribute identifier in AK_ATTRIBUTES
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the flow page region item belong to
TO_PAGE_CODE	NULL	VARCHAR2(30)	Target page identifier for this flow. If this has been specified, then TO_URL_ATTRIBUTE_CODE and TO_URL_ATTRIBUTE_APPL_ID must be null
TO_PAGE_APPL_ID	NULL	NUMBER(15)	Product team's application id which the target page belong to. If this has been specified, then TO_URL_ATTRIBUTE_CODE and TO_URL_ATTRIBUTE_APPL_ID must be null
TO_URL_ATTRIBUTE_CODE	NULL	VARCHAR2(30)	Target URL attribute itentifier, this value must exist in AK_ATTRIBUTES with DATA_TYPE = 'URL'. TO_PAGE_CODE and TO_PAGE_APPL_ID must be null in order to use this field

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TO_URL_ATTRIBUTE_APPL_ID	NULL	NUMBER(15)	Product team's application ID which the target URL attribute belong to. To use this field, TO_PAGE_CODE and TO_PAGE_APPL_ID must be null
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FLOW_PAGE_REGION_ITEMS_U1	UNIQUE	4	FLOW_CODE
		6	FLOW_APPLICATION_ID
		10	PAGE_CODE
		12	PAGE_APPLICATION_ID
		16	REGION_CODE
		18	REGION_APPLICATION_ID
		22	ATTRIBUTE_CODE
		24	ATTRIBUTE_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FLOW_REGION_RELATIONS

AK_FLOW_REGION_RELATIONS defines the foreign key relationship between two flow page regions. You will need one row for each relationship that you want to create.

Each relationship must specify the flow, the ”From” (parent) page region, the ”To” (child) page region and the foreign key that links the ”From” (parent) page region to the ”To” (child) page region.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_FLOW_PAGE_REGIONS	FLOW_APPLICATION_ID	FLOW_APPLICATION_ID
	FLOW_CODE	FLOW_CODE
	PAGE_APPLICATION_ID	FROM_PAGE_APPL_ID
	PAGE_CODE	FROM_PAGE_CODE
	REGION_APPLICATION_ID	FROM_REGION_APPL_ID
	REGION_CODE	FROM_REGION_CODE
AK_FLOW_PAGE_REGIONS	FLOW_APPLICATION_ID	FLOW_APPLICATION_ID
	FLOW_CODE	FLOW_CODE
	PAGE_APPLICATION_ID	TO_PAGE_APPL_ID
	PAGE_CODE	TO_PAGE_CODE
	REGION_APPLICATION_ID	TO_REGION_APPL_ID
	REGION_CODE	TO_REGION_CODE
AK_FOREIGN_KEYS	FOREIGN_KEY_NAME	FOREIGN_KEY_NAME

Column Descriptions

Name	Null?	Type	Description
FLOW_CODE (PK)	NOT NULL	VARCHAR2(30)	Flow unique identifier
FLOW_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team’s application ID which the flow belong to
FOREIGN_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Name of foreign key relationship between the from flow page region and the to flow page region
FROM_PAGE_CODE (PK)	NOT NULL	VARCHAR2(30)	From flow page identifier
FROM_PAGE_APPL_ID (PK)	NOT NULL	NUMBER(15)	Product team’s application ID which the from flow page belong to
FROM_REGION_CODE (PK)	NOT NULL	VARCHAR2(30)	From flow page region identifier
FROM_REGION_APPL_ID (PK)	NOT NULL	NUMBER(15)	Product team’s application ID which the from flow page region belong to
TO_PAGE_CODE (PK)	NOT NULL	VARCHAR2(30)	Destination flow page identifier
TO_PAGE_APPL_ID (PK)	NOT NULL	NUMBER(15)	Product team’s application ID which the destination flow page belong to
TO_REGION_CODE (PK)	NOT NULL	VARCHAR2(30)	Destination flow page region identifier
TO_REGION_APPL_ID (PK)	NOT NULL	NUMBER(15)	Product team’s application ID which the destination flow page region belong to
APPLICATION_ID	NOT NULL	NUMBER(15)	Application ID of product team who defined this flow page region relation
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FLOW_REGION_RELATIONS_U1	UNIQUE	4	FLOW_CODE
		6	FLOW_APPLICATION_ID
		8	FOREIGN_KEY_NAME
		12	FROM_PAGE_CODE
		14	FROM_PAGE_APPL_ID
		18	FROM_REGION_CODE
		20	FROM_REGION_APPL_ID
		24	TO_PAGE_CODE
		26	TO_PAGE_APPL_ID
		30	TO_REGION_CODE
		32	TO_REGION_APPL_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FOREIGN_KEYS

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

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

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
FOREIGN_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier for a foreign key relationship.
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Identifier of database object which contains the foreign key.
UNIQUE_KEY_NAME	NOT NULL	VARCHAR2(30)	Identifier of primary key of the database object that has been specified in DATABASE_OBJECT_NAME.
APPLICATION_ID	NOT NULL	NUMBER(15)	Application Id of product team who defined this foreign key relationship.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FOREIGN_KEYS_N1	NOT UNIQUE	1	UNIQUE_KEY_NAME
		3	DATABASE_OBJECT_NAME
AK_FOREIGN_KEYS_U1	UNIQUE	1	FOREIGN_KEY_NAME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FOREIGN_KEYS_TL

AK_FOREIGN_KEYS_TL stores translated information about the foreign keys in AK_FOREIGN_KEYS. Each row includes the language the row is translated to, the attributes for the foreign key and the foreign key identifier which uniquely identifies the foreign key. You need one row for each foreign key in the installed languages. Each row includes a language and SOURCE_LANG column which can be used to determine if a value has been translated or defaulted.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
FOREIGN_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier for this foreign key relationship
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
FROM_TO_NAME	NULL	VARCHAR2(45)	A user friendly name for the foreign key relationship
FROM_TO_DESCRIPTION	NULL	VARCHAR2(1500)	Description of the foreign key relationship
TO_FROM_NAME	NULL	VARCHAR2(45)	A user friendly name of the reverse foreign key relationship
TO_FROM_DESCRIPTION	NULL	VARCHAR2(1500)	Description of the reverse foreign key relationship
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language code of the language which the values of the translatable columns were originally entered
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FOREIGN_KEYS_TL_U1	UNIQUE	2	FOREIGN_KEY_NAME
		4	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_FOREIGN_KEY_COLUMNS

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

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
FOREIGN_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of the foreign key relationship
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier of the foreign key column
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application Id which the attribute belong to
FOREIGN_KEY_SEQUENCE	NOT NULL	NUMBER(15)	Sequence number of foreign key column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_FOREIGN_KEY_COLUMNS_U1	UNIQUE	1	FOREIGN_KEY_NAME
		4	ATTRIBUTE_CODE
		6	ATTRIBUTE_APPLICATION_ID
AK_FOREIGN_KEY_COLUMNS_U2	UNIQUE	1	FOREIGN_KEY_NAME
		2	FOREIGN_KEY_SEQUENCE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_INST_ATTRIBUTE_VALUES

AK_INST_ATTRIBUTE_VALUES is used by the Configurator (CZ) team and is used to store items.

Column Descriptions

Name	Null?	Type	Description
DATABASE_OBJECT_NAME (PK)	NOT NULL	VARCHAR2(30)	Database object identifier
KEY_VALUE1 (PK)	NOT NULL	VARCHAR2(100)	First key value of database object
KEY_VALUE2 (PK)	NULL	VARCHAR2(100)	Second key value of database object
KEY_VALUE3 (PK)	NULL	VARCHAR2(100)	Third key value of database object
KEY_VALUE4 (PK)	NULL	VARCHAR2(100)	Fourth key value of database object
KEY_VALUE5 (PK)	NULL	VARCHAR2(100)	Fifth key value of database object
KEY_VALUE6 (PK)	NULL	VARCHAR2(100)	Sixth key value of database object
KEY_VALUE7 (PK)	NULL	VARCHAR2(100)	Seventh key value of database object
KEY_VALUE8 (PK)	NULL	VARCHAR2(100)	Eigth key value of database object
KEY_VALUE9 (PK)	NULL	VARCHAR2(100)	Ninth key value of database object
KEY_VALUE10 (PK)	NULL	VARCHAR2(100)	Tenth key value of database object
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application Id which the attribute belong to
VALUE_VARCHAR2	NULL	VARCHAR2(240)	Value of attribute if the attribute is a varchar
VALUE_DATE	NULL	DATE	Value of attribute if the attribute is a date
VALUE_NUMBER	NULL	NUMBER(15)	Value of attribute if the attribute is a number
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_INST_ATTRIBUTE_VALUES_N1	NOT UNIQUE	2	DATABASE_OBJECT_NAME
		4	KEY_VALUE1
		6	KEY_VALUE2
		8	KEY_VALUE3
AK_INST_ATTRIBUTE_VALUES_N2	NOT UNIQUE	6	ATTRIBUTE_CODE
		8	ATTRIBUTE_APPLICATION_ID
		10	DATABASE_OBJECT_NAME
AK_INST_ATTRIBUTE_VALUES_N3	NOT UNIQUE	2	DATABASE_OBJECT_NAME
		4	KEY_VALUE1
		6	KEY_VALUE2
		8	ATTRIBUTE_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_LOADER_TEMP

AK_LOADER_TEMP functions as a temporary buffer table for the AK Java loader program.

When the AK Java loader uploads a flat file from disk to the database, each line in the flat file is read by the Java program and copied to this table. The AK loader PL/SQL procedures read this table and perform the database upload.

When the AK Java loader downloads information from the database, each row in this table is first populated by the AK loader PL/SQL procedures. The AK Java loader program then reads each row from this table and creates a flat file on the local file system.

Column Descriptions

Name	Null?	Type	Description
TBL_INDEX	NOT NULL	NUMBER(15)	Record number(index) in this table
LINE_CONTENT	NULL	VARCHAR2(2000)	A copy of a row from the loader flat file

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_LOOKUP_CODES

AK_LOOKUP_CODES contains lookup code, lookup type and description of each lookup codes. It also contains translation information for the description of lookup code. You need one row for each lookup code/type that you want.

Column Descriptions

Name	Null?	Type	Description
LOOKUP_CODE (PK)	NOT NULL	VARCHAR2(25)	Name of the lookup code
LOOKUP_TYPE (PK)	NOT NULL	VARCHAR2(30)	Defines the type of lookup code
DESCRIPTION	NULL	VARCHAR2(80)	A user friendly description of the lookup type
LANGUAGE (PK)	NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
SOURCE_LANG	NULL	VARCHAR2(4)	Language code of the language which the values of the translatable columns were originally entered
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_LOOKUP_CODES_U1	UNIQUE	2	LOOKUP_CODE
		4	LOOKUP_TYPE
		6	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_MULTIORG_VALIDATION_TEMP

This is a temporary validation table used by the Multi–Org Validation Report.

Column Descriptions

Name	Null?	Type	Description
CODE	NULL	VARCHAR2(5)	Validation entity identifier
ORGANIZATION_ID	NULL	NUMBER(22)	Identifier of the organization for which the report is being run.
OPERATING_UNIT	NULL	VARCHAR2(60)	operating unit identifier
APPLICATION_ID	NULL	NUMBER(22)	Application identifier for this validation
RESPONSIBILITY_ID	NULL	NUMBER(22)	Responsibility identifier for this validation
RESPONSIBILITY	NULL	VARCHAR2(100)	Responsibility name for this validation
USER_PROFILE_OPTION_NAME	NULL	VARCHAR2(240)	User profile name for this validation
PROFILE_LEVEL	NULL	VARCHAR2(80)	Profile level forthis validation
PROFILE_OPTION_VALUE	NULL	VARCHAR2(240)	Profile value for this validation

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_OBJECTS

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

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

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

Column Descriptions

Name	Null?	Type	Description
DATABASE_OBJECT_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of a database object
PRIMARY_KEY_NAME	NULL	VARCHAR2(30)	Primary key of the database object
DEFAULTING_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains code used to populate default values to the attributes for this object
DEFAULTING_API_PROC	NULL	VARCHAR2(30)	Procedure name in the PL/SQL package which is used to populate default values for the attributes on the object
VALIDATION_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains code used to validate the attributes for this object
VALIDATION_API_PROC	NULL	VARCHAR2(30)	Procedure name in the PL/SQL package which is used to validate the attributes for this object
APPLICATION_ID	NOT NULL	NUMBER(15)	Product team's application id which the database object belong to
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
AK_OBJECTS_U1	UNIQUE	2	DATABASE_OBJECT_NAME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_OBJECTS_TL

AK_OBJECTS_TL stores translated information about the objects in AK_OBJECTS. Each row includes the language the row is translated to, the translated attributes of the object, and the object identifier which uniquely identifies the object. You need one row for each object in each of the installed languages. Each row includes a language and SOURCE_LANG column which can be used to determine if a value has been translated or defaulted.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
DATABASE_OBJECT_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of database object
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
NAME	NULL	VARCHAR2(30)	User friendly name of database object
DESCRIPTION	NULL	VARCHAR2(2000)	Description of database object
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language code of the language which the values of the translatable columns were originally entered
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_OBJECTS_TL_U1	UNIQUE	2	DATABASE_OBJECT_NAME
		4	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_OBJECT_ATTRIBUTES

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

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
HORIZONTAL_ALIGNMENT	NOT NULL	VARCHAR2(30)	Horizontal alignment for object attribute
DATA_SOURCE_TYPE	NOT NULL	VARCHAR2(30)	Data soure type specifies where the object attribute comes from
DATA_STORAGE_TYPE	NULL	VARCHAR2(30)	Data source type specifies where the object attribute is stored
TABLE_NAME	NULL	VARCHAR2(30)	User friendly name of database object
BASE_TABLE_COLUMN_NAME	NULL	VARCHAR2(30)	Base table column name
REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether the object attribute should be required ('Y' – required, 'N' – not required)
DISPLAY_VALUE_LENGTH	NOT NULL	NUMBER(15)	Number of characters of object attribute to be displayed
LOV_REGION_CODE	NULL	VARCHAR2(30)	LOV Region identifier
LOV_REGION_APPLICATION_ID	NULL	NUMBER(15)	Product team's application ID which the LOV region is belonged to
LOV_FOREIGN_KEY_NAME	NULL	VARCHAR2(30)	Lov foreign key relationship identifier
LOV_ATTRIBUTE_CODE	NULL	VARCHAR2(30)	LOV attribute identifier
LOV_ATTRIBUTE_APPLICATION_ID	NULL	NUMBER(15)	Product team's application id which the lov attribute belong to
DEFAULTING_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains the stored procedure to populate default values into this object attribute
DEFAULTING_API_PROC	NULL	VARCHAR2(30)	Procedure name in PL/SQL package which populates default values into this object attribute
VALIDATION_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains the procedure to validate the object attribute's value
VALIDATION_API_PROC	NULL	VARCHAR2(30)	Procedure name in PL/SQL package which contains the procedure to validate the object attribute's value
DEFAULT_VALUE_VARCHAR2	NULL	VARCHAR2(240)	Default value of object attribute when the data type of the object attribute is VARCHAR
DEFAULT_VALUE_NUMBER	NULL	NUMBER(15)	Default value of object attribute when the data type of the object attribute is NUMBER
DEFAULT_VALUE_DATE	NULL	DATE	Default value of object attribute when the data type of the object attribute is DATE
TRANSLATION_FLAG	NULL	VARCHAR2(1)	Flag which indicates whether the mapping database column is translatable, valid values are 'Y' and 'N'.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_OBJECT_ATTRIBUTES_U1	UNIQUE	2	DATABASE_OBJECT_NAME
		6	ATTRIBUTE_CODE
		8	ATTRIBUTE_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_OBJECT_ATTRIBUTES_TL

AK_OBJECT_ATTRIBUTES_TL stores translated information about the object attribute in AK_OBJECT_ATTRIBUTES. Each row includes the language the row is translated to, the translated attributes of the object attribute, and the object attribute identifier which uniquely identifies the object attribute. You need one row for each object attribute in each of the installed languages. Each row includes a language and SOURCE_LANG column which can be used to determine if a value has been translated or defaulted.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
DATABASE_OBJECT_NAME (PK)	NOT NULL	VARCHAR2(30)	Database object identifier
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier of a database object
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application id which the object attribute belong to
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
ATTRIBUTE_LABEL_LONG	NULL	VARCHAR2(80)	Label/Prompt of object attribute
ATTRIBUTE_LABEL_SHORT	NULL	VARCHAR2(30)	A short label/prompt of object attribute (this column is obsolete, do not use)
SOURCE_LANG	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_OBJECT_ATTRIBUTES_TL_U1	UNIQUE	2	DATABASE_OBJECT_NAME
		6	ATTRIBUTE_CODE
		8	ATTRIBUTE_APPLICATION_ID
		10	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_OBJECT_ATTRIBUTE_NAVIGATION

AK_OBJECT_ATTRIBUTE_NAVIGATION is used only by Configurator (CZ). This table provides navigation to a region by attribute value. You need to create one row for each object attribute value that will allow navigation to a region.

You must specify a target "To" region for each object attribute value. If at run time, the object attributes value entered by the user matches a row in this table, the user will have access to the target region associated with this object attribute value.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_OBJECT_ATTRIBUTES	DATABASE_OBJECT_NAME ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE	DATABASE_OBJECT_NAME ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE
AK_REGIONS	REGION_APPLICATION_ID REGION_CODE	TO_REGION_APPL_ID TO_REGION_CODE

Column Descriptions

Name	Null?	Type	Description
DATABASE_OBJECT_NAME (PK)	NOT NULL	VARCHAR2(30)	Database object identifier
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier of a database object
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application id which the object attribute belong to
VALUE_VARCHAR2 (PK)	NULL	VARCHAR2(240)	Value of object attribute if attribute is a VARCHAR
VALUE_DATE (PK)	NULL	DATE	Value of object attribute if attribute is a DATE
VALUE_NUMBER (PK)	NULL	NUMBER(15)	Value of object attribute if attribute is a NUMBER
TO_REGION_CODE	NOT NULL	VARCHAR2(30)	Target region identifier
TO_REGION_APPL_ID	NOT NULL	NUMBER(15)	Product team's application id that the target region belong to
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_OBJECT_ATTRIBUTE_NAVIGAT_U1	UNIQUE	2	DATABASE_OBJECT_NAME
		6	ATTRIBUTE_CODE
		8	ATTRIBUTE_APPLICATION_ID
		10	VALUE_VARCHAR2
		12	VALUE_DATE
		14	VALUE_NUMBER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_OBJECT_VALUES_TEMP

AK_OBJECT_VALUES_TEMP is used to create the LOV for the Value field on the Run Flows form. The lov for the Value field calls a package called AK_RUN_FLOW_PKG which uses this table to store the results from running AK_QUERY_PKG.EXEC_QUERY.

This table should never be populated by any user.

Column Descriptions

Name	Null?	Type	Description
TRACE_NUM	NOT NULL	NUMBER(15)	Trace number
REGION_APPLICATION_ID	NULL	NUMBER(15)	Product team's application id that this region belong to
REGION_CODE	NULL	VARCHAR2(30)	Region identifier
DISPLAY_VALUE	NULL	VARCHAR2(510)	Display value
KEY_VALUE1	NULL	VARCHAR2(240)	First key value of the database object which the region is based on
KEY_VALUE2	NULL	VARCHAR2(240)	Second key value of the database object which the region is based on
KEY_VALUE3	NULL	VARCHAR2(240)	Third key value of the database object which the region is based on
KEY_VALUE4	NULL	VARCHAR2(240)	Fourth key value of the database object which the region is based on
KEY_VALUE5	NULL	VARCHAR2(240)	Fifth key value of the database object which the region is based on
KEY_VALUE6	NULL	VARCHAR2(240)	Sixth key value of the database object which the region is based on
KEY_VALUE7	NULL	VARCHAR2(240)	Seventh key value of the database object which the region is based on
KEY_VALUE8	NULL	VARCHAR2(240)	Eighth key value of the database object which the region is based on
KEY_VALUE9	NULL	VARCHAR2(240)	Ninth key value of the database object which the region is based on
KEY_VALUE10	NULL	VARCHAR2(240)	Tenth key value of the database object which the region is based on

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_REGIONS

AK_REGIONS contains regions and the application owner of the region. A region contains a set of items that may be returned by AK_QUERY_PKG. You need to one row for each region.

Each row must include a database object name and a region style. You can also specify the number of columns that are to be displayed on the region as well as an URL for the region.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REGION_STYLE	REGION_STYLE FORM TABLE	AK_LOOKUP_CODES Single Row Multi Row

Column Descriptions

Name	Null?	Type	Description
REGION_CODE (PK)	NOT NULL	VARCHAR2(30)	Region identifier
REGION_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application id which the region belong to
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Database object identifier
REGION_STYLE	NOT NULL	VARCHAR2(30)	Region style of the region to be displayed
NUM_COLUMNS	NULL	NUMBER(15)	Number of columns of region to be displayed
REGION_DEFAULTING_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains the stored procedure to populate default values of regions
REGION_DEFAULTING_API_PROC	NULL	VARCHAR2(30)	Procedure name in PL/SQL package which populates default values of regions
REGION_VALIDATION_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains the procedure to validate default values of regions
REGION_VALIDATION_API_PROC	NULL	VARCHAR2(30)	Procedure name in PL/SQL package which contains the procedure to validate default values of regions
ICX_CUSTOM_CALL	NULL	VARCHAR2(80)	A URL to launch an html file
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
APPLICATIONMODULE_OBJECT_TYPE	NULL	VARCHAR2(240)	
NUM_ROWS_DISPLAY	NULL	NUMBER	
REGION_OBJECT_TYPE	NULL	VARCHAR2(240)	
IMAGE_FILE_NAME	NULL	VARCHAR2(80)	column for putting icon file name when displaying region title
ISFORM_FLAG	NOT NULL	VARCHAR2(1)	column to indicate whether this region is a form
HELP_TARGET	NULL	VARCHAR2(240)	stores location of product team's specific help file
STYLE_SHEET_FILENAME	NULL	VARCHAR2(240)	file name of style sheet that applies to the region
VERSION	NULL	VARCHAR2(30)	OAFramework version number
APPLICATIONMODULE_USAGE_NAME	NULL	VARCHAR2(80)	Application Module Usage name
ADD_INDEXED_CHILDREN	NULL	VARCHAR2(1)	Flag to indicate whether the region items of the region would be added as indexed children by OAFramework

Indexes

Index Name	Index Type	Sequence	Column Name
AK_REGIONS_U1	UNIQUE	4	REGION_CODE
		6	REGION_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_REGIONS_TL

AK_REGIONS_TL stores translated information about the regions in AK_REGIONS. Each row includes the language the row is translated to, the translated attributes of the region, and the region identifier which uniquely identifies the region. You need one row for each region in each of the installed languages. Each row includes a language and SOURCE_LANG column which can be used to determine if a value has been translated or defaulted.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_REGIONS	REGION_APPLICATION_ID REGION_CODE	REGION_APPLICATION_ID REGION_CODE

Column Descriptions

Name	Null?	Type	Description
REGION_CODE (PK)	NOT NULL	VARCHAR2(30)	Region identifier
REGION_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application id which the region belong to
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
NAME	NOT NULL	VARCHAR2(80)	Friendly user name of region
DESCRIPTION	NULL	VARCHAR2(2000)	Description of region
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language code of the language which the values of the translatable columns were originally entered
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_REGIONS_TL_U1	UNIQUE	4	REGION_CODE
		6	REGION_APPLICATION_ID
		8	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_REGION_ITEMS

AK_REGION_ITEMS defines the item (attribute or object attribute) on a region. An item is a single attribute or object attribute that exists on a region. You will need one row for each item you want to assign to a region.

You must define formatting properties (i.e., ATTRIBUTE_LABEL_LENGTH, BOLD, ITALIC, VERTICAL_ALIGNMENT, etc.) for each item. You must also specify if the item is an attribute or object attribute with the OBJECT_ATTRIBUTE_FLAG. This table also allows you to specify other properties for the item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_ATTRIBUTES	ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE	ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE
AK_REGIONS	REGION_APPLICATION_ID REGION_CODE	REGION_APPLICATION_ID REGION_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
HORIZONTAL_ALIGNMENT	HORIZONTAL_ALIGNMENT	AK_LOOKUP_CODES
	CENTER	Center
	LEFT	Left
	RIGHT	Right
ITEM_STYLE	ITEM_STYLE	AK_LOOKUP_CODES
	BUTTON	Button
	CHECKBOX	Checkbox
	HIDDEN	Hidden
	IMAGE	Image
	POPLIST	Poplist
	SPINBOX	Spinbox
	TEXT	Text
LOV_DEFAULT_FLAG	LOV_DEFAULT_FLAG	AK_LOOKUP_CODES
	N	No
	Y	Yes
OBJECT_ATTRIBUTE_FLAG	OBJECT_ATTRIBUTE_FLAG	AK_LOOKUP_CODES
	N	Attribute
	Y	Object Attribute
ORDER_DIRECTION	ORDER_DIRECTION	AK_LOOKUP_CODES
	ASC	Ascending
	DESC	Descending
VERTICAL_ALIGNMENT	VERTICAL_ALIGNMENT	AK_LOOKUP_CODES
	BOTTOM	Bottom
	CENTER	Center
	TOP	Top

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions

Name	Null?	Type	Description
REGION_CODE (PK)	NOT NULL	VARCHAR2(30)	Region identifier
REGION_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application id which the region belong to
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the attribute belong to
DISPLAY_SEQUENCE	NOT NULL	NUMBER(15)	Sequence number for displaying region items. Each sequence number should be unique within the same region
NODE_DISPLAY_FLAG	NOT NULL	VARCHAR2(1)	Node display flag ('Y' – Display this region item in a node, 'N' – Do not display this region item in a node)
NODE_QUERY_FLAG	NOT NULL	VARCHAR2(1)	This flag indicates whether the value of this region item can be queried (NODE_QUERY_FLAG = 'Y') or not (NODE_QUERY_FLAG='N')
ATTRIBUTE_LABEL_LENGTH	NOT NULL	NUMBER(15)	Prompt/label length for this item
BOLD	NOT NULL	VARCHAR2(1)	Bold flag ('Y' – Bold the region item, 'N' – Do not bold the region item)
ITALIC	NOT NULL	VARCHAR2(1)	Italic flag ('Y' – Italicize the region item, 'N' – Do not italicize the region item)
VERTICAL_ALIGNMENT	NOT NULL	VARCHAR2(30)	Vertical Alignment for the region item
HORIZONTAL_ALIGNMENT	NOT NULL	VARCHAR2(30)	Horizontal alignment for the region item
ITEM_STYLE	NOT NULL	VARCHAR2(30)	Style of region item
OBJECT_ATTRIBUTE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicates if this item is an attribute (OBJECT_ATTRIBUTE_FLAG = 'N') or an object attribute (OBJECT_ATTRIBUTE_FLAG = 'Y')
UPDATE_FLAG	NOT NULL	VARCHAR2(1)	Flag indicates whether this attribute is updatable (UPDATE_FLAG = 'Y') or not (UPDATE_FLAG = 'N')
REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicates whether this attribute is input required for the region (REQUIRED_FLAG = 'Y') or not (REQUIRED_FLAG = 'N')
DISPLAY_VALUE_LENGTH	NOT NULL	NUMBER(15)	Length of region item to be displayed
SECURITY_CODE	NULL	VARCHAR2(30)	Security Code
LOV_REGION_CODE	NULL	VARCHAR2(30)	LOV region identifier
LOV_REGION_APPLICATION_ID	NULL	NUMBER(15)	Product team's application id which the LOV region belong to
LOV_FOREIGN_KEY_NAME	NULL	VARCHAR2(30)	Lov foreign key relationship identifier
LOV_ATTRIBUTE_CODE	NULL	VARCHAR2(30)	LOV attribute identifier
LOV_ATTRIBUTE_APPLICATION_ID	NULL	NUMBER(15)	Product team's application id which the lov attribute belong to
LOV_DEFAULT_FLAG	NULL	VARCHAR2(1)	LOV default flag

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REGION_DEFAULTING_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains the stored procedure to populate default values into this region item
REGION_DEFAULTING_API_PROC	NULL	VARCHAR2(30)	Procedure name in PL/SQL package which populates default values into this region item
REGION_VALIDATION_API_PKG	NULL	VARCHAR2(30)	PL/SQL package name which contains the procedure to validate the region item's value
REGION_VALIDATION_API_PROC	NULL	VARCHAR2(30)	Procedure name in PL/SQL package which contains the procedure to validate the region item's value
ORDER_SEQUENCE	NULL	NUMBER(15)	Order Sequence
ORDER_DIRECTION	NULL	VARCHAR2(30)	Direction of sorting values of region items
DEFAULT_VALUE_VARCHAR2	NULL	VARCHAR2(240)	Default value of region item when the data type of the region item is VARCHAR
DEFAULT_VALUE_NUMBER	NULL	NUMBER(15)	Default value of region item when the data type of the region item is NUMBER
DEFAULT_VALUE_DATE	NULL	DATE	Default value of region item when the data type of the region item is DATE
ICX_CUSTOM_CALL	NULL	VARCHAR2(80)	A URL to launch an html file
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
DISPLAY_HEIGHT	NULL	NUMBER	
SUBMIT	NOT NULL	VARCHAR2(1)	
ENCRYPT	NOT NULL	VARCHAR2(1)	
NESTED_REGION_CODE	NULL	VARCHAR2(30)	
NESTED_REGION_APPLICATION_ID	NULL	NUMBER	
VIEW_USAGE_NAME	NULL	VARCHAR2(80)	
VIEW_ATTRIBUTE_NAME	NULL	VARCHAR2(80)	
CSS_CLASS_NAME	NULL	VARCHAR2(80)	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
POPLIST_VIEWOBJECT	NULL	VARCHAR2(240)	
IMAGE_FILE_NAME	NULL	VARCHAR2(80)	
URL	NULL	VARCHAR2(2000)	
POPLIST_DISPLAY_ATTRIBUTE	NULL	VARCHAR2(80)	
POPLIST_VALUE_ATTRIBUTE	NULL	VARCHAR2(80)	
ITEM_NAME	NULL	VARCHAR2(30)	
CSS_LABEL_CLASS_NAME	NULL	VARCHAR2(80)	
MENU_NAME	NULL	VARCHAR2(30)	menu_name references menu_name in FND_MENUS table
MENU_ID	NULL	NUMBER	
FLEXFIELD_NAME	NULL	VARCHAR2(40)	FND Flexfield name
FLEXFIELD_APPLICATION_ID	NULL	NUMBER	Application ID of Flexfield
TABULAR_FUNCTION_CODE	NULL	VARCHAR2(30)	Function code to put in this region item if this region item is used as a function
TIP_TYPE	NULL	VARCHAR2(30)	Type of tip message of region item if the region item has a tip
TIP_MESSAGE_NAME	NULL	VARCHAR2(30)	message_name of tip message in FND_NEW_MESSAGES table
TIP_MESSAGE_APPLICATION_ID	NULL	NUMBER	application ID of tip message name
FLEX_SEGMENT_LIST	NULL	VARCHAR2(4000)	column for attaching flex fields to a region item
ENTITY_ID	NULL	VARCHAR2(30)	ENTITY_ID references DATA_OBJECT_CODE column in FND_DOCUMENT_ENTITIES
ANCHOR	NULL	VARCHAR2(1)	For defining same page hyperlink
POPLIST_VIEW_USAGE_NAME	NULL	VARCHAR2(80)	Picklist View Usage Name
TARGET	NULL	VARCHAR2(1)	this is an old column of ANCHOR, keeping this here for backward compatibility
SORTBY_VIEW_ATTRIBUTE_NAME	NULL	VARCHAR2(80)	Indicates which view attribute that the table region is sorted by

Indexes

Index Name	Index Type	Sequence	Column Name
AK_REGION_ITEMS_U1	UNIQUE	4	REGION_CODE
		6	REGION_APPLICATION_ID
		10	ATTRIBUTE_CODE
		12	ATTRIBUTE_APPLICATION_ID
AK_REGION_ITEMS_U2	UNIQUE	4	REGION_CODE
		6	REGION_APPLICATION_ID
		8	DISPLAY_SEQUENCE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_REGION_ITEMS_TL

AK_REGION_ITEMS_TL stores translated information about the region items in AK_REGION_ITEMS. Each row includes the language the row is translated to, the translated attributes of the region item, the region identifier which uniquely identifies the region item and the region items label. You need one row for each region item in each of the installed languages. Each row includes a language and SOURCE_LANG column which can be used to determine if a value has been translated or defaulted.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_REGION_ITEMS	REGION_APPLICATION_ID	REGION_APPLICATION_ID
	REGION_CODE	REGION_CODE
	ATTRIBUTE_CODE	ATTRIBUTE_CODE
	ATTRIBUTE_APPLICATION_ID	ATTRIBUTE_APPLICATION_ID

Column Descriptions

Name	Null?	Type	Description
REGION_CODE (PK)	NOT NULL	VARCHAR2(30)	Region identifier
REGION_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application id which the region belong to
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the attribute belong to
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	The language code of the language which the translatable fields are translated to
ATTRIBUTE_LABEL_LONG	NULL	VARCHAR2(80)	Label/Prompt for this region item
ATTRIBUTE_LABEL_SHORT	NULL	VARCHAR2(30)	A short label/prompt for this region item (this column is obsolete, do not use)
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Language code of the language which the values of the translatable columns were originally entered
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
DESCRIPTION	NULL	VARCHAR2(2000)	

Indexes

Index Name	Index Type	Sequence	Column Name
AK_REGION_ITEMS_TL_U1	UNIQUE	4	REGION_CODE
		6	REGION_APPLICATION_ID
		10	ATTRIBUTE_CODE
		12	ATTRIBUTE_APPLICATION_ID
		14	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_RESP_SECURITY_ATTRIBUTES

AK_RESP_SECURITY_ATTRIBUTES contains attributes that are displayed or hidden from a user based on the user's responsibility ID. You need one row for each attribute / responsibility ID combination.

AK_QUERY_PKG uses this table in conjunction with the AK_WEB_USER_SEC_ATTR_VALUES table (please see this description for more details). Together, both tables defines what attributes a user may or may not see.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AK_ATTRIBUTES	ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE	ATTRIBUTE_APPLICATION_ID ATTRIBUTE_CODE
FND_RESPONSIBILITY	RESPONSIBILITY_ID APPLICATION_ID	RESPONSIBILITY_ID ATTRIBUTE_APPLICATION_ID

Column Descriptions

Name	Null?	Type	Description
RESPONSIBILITY_ID (PK)	NOT NULL	NUMBER(15)	Responsibility ID of application user
RESP_APPLICATION_ID	NOT NULL	NUMBER	Product team's application ID which the responsibility ID belong to
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Identifier of attribute which the user with the responsibility ID can access
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application ID which the attribute belongs to
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_RESP_SECURITY_ATTRIBUTES_U1	UNIQUE	2	RESPONSIBILITY_ID
		4	RESP_APPLICATION_ID
		6	ATTRIBUTE_CODE
		8	ATTRIBUTE_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_UNIQUE_KEYS

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

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

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
UNIQUE_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of unique key relationship
DATABASE_OBJECT_NAME	NOT NULL	VARCHAR2(30)	Identifier of database object which contains the unique key
APPLICATION_ID	NOT NULL	NUMBER(15)	Application Id of product team who defined this unique key relationship
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_UNIQUE_KEYS_N1	NOT UNIQUE	2	DATABASE_OBJECT_NAME
AK_UNIQUE_KEYS_U1	UNIQUE	1	UNIQUE_KEY_NAME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_UNIQUE_KEY_COLUMNS

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

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
UNIQUE_KEY_NAME (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of unique key relationship
UNIQUE_KEY_SEQUENCE	NOT NULL	NUMBER(15)	Sequence number of the unique key column
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier of the unique key column
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application Id which the attribute belong to
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_UNIQUE_KEY_COLUMNS_U1	UNIQUE	1	UNIQUE_KEY_NAME
		4	ATTRIBUTE_CODE
		6	ATTRIBUTE_APPLICATION_ID
AK_UNIQUE_KEY_COLUMNS_U2	UNIQUE	2	UNIQUE_KEY_NAME
		4	UNIQUE_KEY_SEQUENCE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AK_WEB_USER_SEC_ATTR_VALUES

AK_WEB_USER_SEC_ATTR_VALUES contains user IDs, attributes and attributes values that define if an attribute is secure for a specific user. You need one row for each user / attribute / value that you want to secure.

AK_QUERY_PKG uses this table in conjunction with the AK_RESP_SECURITY_ATTRIBUTES table. Together, both tables dictates to AK_QUERY_PKG what rows should be returned.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
WEB_USER_ID (PK)	NOT NULL	NUMBER	User ID
ATTRIBUTE_CODE (PK)	NOT NULL	VARCHAR2(30)	Attribute identifier of the secured attribute
ATTRIBUTE_APPLICATION_ID (PK)	NOT NULL	NUMBER(15)	Product team's application Id which the attribute belong to
VARCHAR2_VALUE (PK)	NULL	VARCHAR2(240)	Varchar value used to determine if the user can view this secured attribute
DATE_VALUE (PK)	NULL	DATE	Date value used to determine if the user can view this secured attribute
NUMBER_VALUE (PK)	NULL	NUMBER	Number value used to determine if the user can view this secured attribute
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
AK_WEB_USER_SEC_ATTR_VALUES_N1	NOT UNIQUE	2	WEB_USER_ID
		6	ATTRIBUTE_CODE
		8	ATTRIBUTE_APPLICATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AP_INVOICE_DISTRIBUTIONS_ALL

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

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

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

Values for POSTED_FLAG may be Y for accounted distributions or N for distributions that have not been accounted. Values for ACCRUAL_POSTED_FLAG may be Y if distribution has been accounted and system is setup for accrual basis accounting or N if either distribution has not been accounted or accrual basis accounting is not used.

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

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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

This table corresponds to the Distributions window.

Foreign Keys

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

QuickCodes Columns

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

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

Column Descriptions

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_TYPE_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Name of line type
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Accounting period name
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER(15)	No longer used
AMOUNT	NULL	NUMBER	Invoice distribution amount
BASE_AMOUNT	NULL	NUMBER	Amount of invoice in functional currency, only used for foreign currency invoices
BASE_INVOICE_PRICE_VARIANCE	NULL	NUMBER	Price variance amount in functional currency for invoice distribution line matched to a purchase order or receipt
BATCH_ID	NULL	NUMBER(15)	Invoice batch identifier
CREATED_BY	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description
EXCHANGE_RATE_VARIANCE	NULL	NUMBER	Amount of exchange rate variance for invoice distribution line matched to a purchase order or receipt
FINAL_MATCH_FLAG	NULL	VARCHAR2(1)	Final match indicator for distribution line matched to a purchase order.
INCOME_TAX_REGION	NULL	VARCHAR2(10)	Reporting region for distribution line for 1099 supplier
INVOICE_PRICE_VARIANCE	NULL	NUMBER	Amount of price variance in invoice currency for invoice distribution line matched to a purchase order or receipt
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
MATCH_STATUS_FLAG	NULL	VARCHAR2(1)	Approval status
POSTED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if invoice distribution line has been accounted
PO_DISTRIBUTION_ID	NULL	NUMBER(15)	Purchase order distribution line identifier for purchase order or receipt matched invoice distributions
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Concurrent Who column
PROGRAM_ID	NULL	NUMBER(15)	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
QUANTITY_INVOICED	NULL	NUMBER	Quantity billed for purchase order or receipt matched invoice distributions
RATE_VAR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for exchange rate variance account for distribution line
REQUEST_ID	NULL	NUMBER(15)	Concurrent Who column
REVERSAL_FLAG	NULL	VARCHAR2(1)	Flag that indicates if distribution line is reversing another distribution line
TYPE_1099	NULL	VARCHAR2(10)	1099 type
UNIT_PRICE	NULL	NUMBER	Unit price for purchase order or receipt matched invoice distributions
VAT_CODE	NULL	VARCHAR2(15)	No longer used
AMOUNT_ENCUMBERED	NULL	NUMBER	No longer used
BASE_AMOUNT_ENCUMBERED	NULL	NUMBER	No longer used
ENCUMBERED_FLAG	NULL	VARCHAR2(1)	Flag indicating encumbrance status of distribution line

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
EXCHANGE_DATE	NULL	DATE	Date exchange rate is effective for foreign currency invoices
EXCHANGE_RATE	NULL	NUMBER	Exchange rate for a foreign currency invoice
EXCHANGE_RATE_TYPE	NULL	VARCHAR2(30)	Exchange rate type for a foreign currency invoice
PRICE_ADJUSTMENT_FLAG	NULL	VARCHAR2(1)	No longer used
PRICE_VAR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for price variance account associated with a distribution line matched to a purchase order or receipt
QUANTITY_UNENCUMBERED	NULL	NUMBER	No longer used
STAT_AMOUNT	NULL	NUMBER	Amount associated with a distribution line for measuring statistical quantities
AMOUNT_TO_POST	NULL	NUMBER	No longer used
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Descriptive Flexfield structure defining column
BASE_AMOUNT_TO_POST	NULL	NUMBER	No longer used
CASH_JE_BATCH_ID	NULL	NUMBER(15)	No longer used
EXPENDITURE_ITEM_DATE	NULL	DATE	Date for project expenditure item used to build Accounting Flexfield for project–related distribution line
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER(15)	Identifier for project organization used to build Accounting Flexfield for project–related distribution line

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COMPANY_PREPAID_INVOICE_ID	NULL	NUMBER(15)	Invoice ID when this line is an prepaid credit card transaction
CC_REVERSAL_FLAG	NULL	VARCHAR2(1)	Invoice ID when this line is an prepaid credit card transaction
PREPAY_TAX_PARENT_ID	NULL	NUMBER(15)	ID of basis for tax calculation
AWT_WITHHELD_AMT	NULL	NUMBER	Stores AWT withheld amount
INVOICE_INCLUDES_PREPAY_FLAG	NULL	VARCHAR2(1)	Prepayment included in invoice amount

Indexes

Index Name	Index Type	Sequence	Column Name
AP_INVOICE_DISTRIBUTIONS_N10	NOT UNIQUE	1	RATE_VAR_CODE_COMBINATION_ID
AP_INVOICE_DISTRIBUTIONS_N11	NOT UNIQUE	1	PRICE_VAR_CODE_COMBINATION_ID
AP_INVOICE_DISTRIBUTIONS_N12	NOT UNIQUE	1	PARENT_INVOICE_ID
AP_INVOICE_DISTRIBUTIONS_N13	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
AP_INVOICE_DISTRIBUTIONS_N14	NOT UNIQUE	1	PA_ADDITION_FLAG
		3	PROJECT_ID
		5	REQUEST_ID
AP_INVOICE_DISTRIBUTIONS_N15	NOT UNIQUE	1	AWT_INVOICE_PAYMENT_ID
AP_INVOICE_DISTRIBUTIONS_N16	NOT UNIQUE	2	AWT_INVOICE_ID
AP_INVOICE_DISTRIBUTIONS_N17	NOT UNIQUE	5	RCV_TRANSACTION_ID
AP_INVOICE_DISTRIBUTIONS_N18	NOT UNIQUE	5	ACCOUNTING_EVENT_ID
AP_INVOICE_DISTRIBUTIONS_N19	NOT UNIQUE	5	INVENTORY_TRANSFER_STATUS
AP_INVOICE_DISTRIBUTIONS_N2	NOT UNIQUE	1	POSTED_FLAG
AP_INVOICE_DISTRIBUTIONS_N20	NOT UNIQUE	5	PREPAY_DISTRIBUTION_ID
AP_INVOICE_DISTRIBUTIONS_N3	NOT UNIQUE	1	DIST_CODE_COMBINATION_ID
AP_INVOICE_DISTRIBUTIONS_N4	NOT UNIQUE	1	ACCOUNTING_DATE
AP_INVOICE_DISTRIBUTIONS_N5	NOT UNIQUE	1	BATCH_ID
AP_INVOICE_DISTRIBUTIONS_N6	NOT UNIQUE	1	ASSETS_ADDITION_FLAG
AP_INVOICE_DISTRIBUTIONS_N7	NOT UNIQUE	1	PO_DISTRIBUTION_ID
AP_INVOICE_DISTRIBUTIONS_N8	NOT UNIQUE	1	ACCRUAL_POSTED_FLAG
AP_INVOICE_DISTRIBUTIONS_N9	NOT UNIQUE	1	CASH_POSTED_FLAG
AP_INVOICE_DISTRIBUTIONS_U1	UNIQUE	1	INVOICE_ID
		2	DISTRIBUTION_LINE_NUMBER
AP_INVOICE_DISTRIBUTIONS_U2	UNIQUE	5	INVOICE_DISTRIBUTION_ID

Sequences

Sequence	Derived Column
AP_INVOICE_DISTRIBUTIONS_S	INVOICE_DISTRIBUTION_ID

Database Triggers

Trigger Name : AX_AP_INVOICE_DIST_ARU1
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : UPDATE

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

```
Trigger Name    : AX_AP_INVOICE_DIST_ARDI1
Trigger Time    : AFTER
Trigger Level   : ROW
Trigger Event   : INSERT, DELETE
```

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

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

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

```
Trigger Name    : JL_BR_AP_TAX_HOLDS
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : UPDATE
```

This trigger prevents Payables from automatically creating ”Tax Variance” and ”Tax Amount Range” holds when Brazilian taxes exist.
This trigger is installed and active only if Latin American Localizations have been installed.

The validation is performed when the current country is Brazil.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

AP_TAX_CODES_ALL

AP_TAX_CODES_ALL contains information about the tax codes you define. You need one row for each tax code you want to use when entering invoices. When you enter invoices, you can use a list of values to select a tax code defined in this table. Your Oracle Payables application also uses TAX_RATE to calculate use tax when you enter a taxable amount for an invoice.

This table corresponds to the Tax Names window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_OTHER_PERIOD_TYPES	PERIOD_TYPE	AWT_PERIOD_TYPE
AP_TAX_CODES_ALL	TAX_ID	OFFSET_TAX_CODE_ID
AP_TAX_RECVRY_RULES_ALL	RULE_ID	TAX_RECOVERY_RULE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TAX_CODE_COMBINATION_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
PO_VENDORS	VENDOR_ID	AWT_VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	AWT_VENDOR_SITE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TAX_TYPE	TAX TYPE	AP_LOOKUP_CODES
	OFFSET	Offset Tax Code
	SALES	Sales Tax
	USE	Use Tax

Column Descriptions

Name	Null?	Type	Description
NAME	NOT NULL	VARCHAR2(15)	Tax code name
TAX_ID (PK)	NOT NULL	NUMBER(15)	Tax code identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
TAX_TYPE	NOT NULL	VARCHAR2(25)	Type of tax code (for example, SALES or USE)
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of Books identifier
DESCRIPTION	NULL	VARCHAR2(240)	Description
TAX_RATE	NULL	NUMBER	Tax rate
TAX_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for tax expense account
INACTIVE_DATE	NULL	DATE	Inactive date
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
AWT_VENDOR_ID	NULL	NUMBER(15)	Tax authority supplier identifier
AWT_VENDOR_SITE_ID	NULL	NUMBER(15)	Tax authority supplier site identifier
AWT_PERIOD_TYPE	NULL	VARCHAR2(15)	Foreign key to AP_OTHER _PERIOD_TYPES; used in conjunction with period limit
AWT_PERIOD_LIMIT	NULL	NUMBER	Amount limit for withheld amount per supplier
RANGE_AMOUNT_BASIS	NULL	VARCHAR2(25)	Indicates whether amount ranges apply to amount subject to withholding or to the amount withheld
RANGE_PERIOD_BASIS	NULL	VARCHAR2(25)	Indicates whether amount ranges apply to the amount withheld to-date per period or to the amount per invoice
ORG_ID	NULL	NUMBER(15)	Organization identifier
VAT_TRANSACTION_TYPE	NULL	VARCHAR2(30)	VAT transaction type
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE17	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
WEB_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag that indicates if Tax Name is enabled for Self–Service Expenses
TAX_RECOVERY_RULE_ID	NULL	NUMBER(15)	A tax recovery rule identifier assigned to this tax code. Foreign Key to AP_TAX_RECVRY_RULES_ALL, reference RULE_ID
TAX_RECOVERY_RATE	NULL	NUMBER	Tax recovery rate assigned to this tax code as an alternative to a tax recovery rule
START_DATE	NULL	DATE	Effective start date for this tax code
ENABLED_FLAG	NULL	VARCHAR2(1)	Enabled flag for this tax code. This provides additional flexibility for effective date handling across tax codes
AWT_RATE_TYPE	NULL	VARCHAR2(30)	Specifies the type of rate for a withholding tax (F – Flat rate, P – Period limit, R – Amount ranges)
OFFSET_TAX_CODE_ID	NULL	NUMBER(15)	Tax Code ID for related offset tax

Indexes

Index Name	Index Type	Sequence	Column Name
AP_TAX_CODES_N1	NOT UNIQUE	1	NAME
AP_TAX_CODES_U1	UNIQUE	1	TAX_ID

Sequences

Sequence	Derived Column
AP_TAX_CODES_S	TAX_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ALTERNATE_DESIGNATORS

BOM_ALTERNATE_DESIGNATORS stores the alternate designators that you use to define alternate bills of material and routings.

You cannot use the alternate designator to define an alternate bill or routing after its DISABLE_DATE.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ALTERNATE_DESIGNATOR_CODE (PK)	NULL	VARCHAR2(10)	Alternate designator code
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(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_ALTERNATE_DESIGNATORS_N1	NOT UNIQUE	1	ORGANIZATION_ID
BOM_ALTERNATE_DESIGNATORS_U1	UNIQUE	1	ALTERNATE_DESIGNATOR_CODE
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ALT_DESIGNATORS_ALL_V

View based on BOM_ALTERNATE_DESIGNATORS table. Main columns are ALTERNATE_DESIGNATOR_CODE, DESCRIPTION, DISABLE_DATE, and ORGANIZATION_ID. No records are filtered out.

View Definition

```
CREATE VIEW BOM_ALT_DESIGNATORS_ALL_V
  as SELECT
     BAD.ALTERNATE_DESIGNATOR_CODE,
     BAD.DESCRIPTION,
     BAD.DISABLE_DATE,
     BAD.ORGANIZATION_ID,
     BAD.LAST_UPDATE_DATE,
     BAD.LAST_UPDATED_BY,
     BAD.CREATION_DATE,
     BAD.CREATED_BY,
     BAD.LAST_UPDATE_LOGIN,
     BAD.ATTRIBUTE_CATEGORY,
     BAD.ATTRIBUTE1,
     BAD.ATTRIBUTE2,
     BAD.ATTRIBUTE3,
     BAD.ATTRIBUTE4,
     BAD.ATTRIBUTE5,
     BAD.ATTRIBUTE6,
     BAD.ATTRIBUTE7,
     BAD.ATTRIBUTE8,
     BAD.ATTRIBUTE9,
     BAD.ATTRIBUTE10,
     BAD.ATTRIBUTE11,
     BAD.ATTRIBUTE12,
     BAD.ATTRIBUTE13,
     BAD.ATTRIBUTE14,
     BAD.ATTRIBUTE15,
     BAD.REQUEST_ID,
     BAD.PROGRAM_APPLICATION_ID,
     BAD.PROGRAM_ID,
     BAD.PROGRAM_UPDATE_DATE
     FROM BOM_ALTERNATE_DESIGNATORS BAD
```

Column Descriptions

Name	Null?	Type	Description
ALTERNATE_DESIGNATOR_CODE	NOT NULL	VARCHAR2(10)	Alternate designator 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 database
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ALT_DESIGNATORS_VAL_V

View based on BOM_ALTERNATE_DESIGNATORS table. Main columns are ALTERNATE_DESIGNATOR_CODE, DESCRIPTION, DISABLE_DATE, and ORGANIZATION_ID. Disabled records are filtered out.

View Definition

```
CREATE VIEW BOM_ALT_DESIGNATORS_VAL_V
  as SELECT
     BAD.ALTERNATE_DESIGNATOR_CODE,
     BAD.DESCRIPTION,
     BAD.DISABLE_DATE,
     BAD.ORGANIZATION_ID,
     BAD.LAST_UPDATE_DATE,
     BAD.LAST_UPDATED_BY,
     BAD.CREATION_DATE,
     BAD.CREATED_BY,
     BAD.LAST_UPDATE_LOGIN,
     BAD.ATTRIBUTE_CATEGORY,
     BAD.ATTRIBUTE1,
     BAD.ATTRIBUTE2,
     BAD.ATTRIBUTE3,
     BAD.ATTRIBUTE4,
     BAD.ATTRIBUTE5,
     BAD.ATTRIBUTE6,
     BAD.ATTRIBUTE7,
     BAD.ATTRIBUTE8,
     BAD.ATTRIBUTE9,
     BAD.ATTRIBUTE10,
     BAD.ATTRIBUTE11,
     BAD.ATTRIBUTE12,
     BAD.ATTRIBUTE13,
     BAD.ATTRIBUTE14,
     BAD.ATTRIBUTE15,
     BAD.REQUEST_ID,
     BAD.PROGRAM_APPLICATION_ID,
     BAD.PROGRAM_ID,
     BAD.PROGRAM_UPDATE_DATE
     FROM BOM_ALTERNATE_DESIGNATORS BAD
    WHERE trunc(nvl(disable_date, sysdate + 1)) > trunc(sysdate)
```

Column Descriptions

Name	Null?	Type	Description
ALTERNATE_DESIGNATOR_CODE	NOT NULL	VARCHAR2(10)	Alternate designator 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ATO_CONFIGURATIONS

BOM_ATO_CONFIGURATIONS stores information about configuration items. Each configuration item is associated with a base model and has a list of options and option classes chosen for the configuration. It also contains the quantities of components per configuration item. The last referenced date indicates the most recent date on which a duplicate configuration was found by the AutoCreate Configuration program.

Column Descriptions

Name	Null?	Type	Description
CONFIG_ITEM_ID	NOT NULL	NUMBER	Configuration item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
BASE_MODEL_ID	NOT NULL	NUMBER	Base model identifier
COMPONENT_ITEM_ID	NOT NULL	NUMBER	Component item identifier
COMPONENT_CODE	NOT NULL	VARCHAR2(240)	Concatenated string of item identifiers
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
COMPONENT_QUANTITY	NOT NULL	NUMBER	Quantity per of component
LAST_REFERENCED_DATE	NOT NULL	DATE	Last referenced date of the configured item
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
CFM_ROUTING_FLAG	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_ATO_CONFIGURATIONS_N1	NOT UNIQUE	2	BASE_MODEL_ID
		3	ORGANIZATION_ID
		4	COMPONENT_ITEM_ID
BOM_ATO_CONFIGURATIONS_N2	NOT UNIQUE	1	CONFIG_ITEM_ID
		2	COMPONENT_ITEM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_BILL_OF_MATERIALS

BOM_BILL_OF_MATERIALS stores information about manufacturing and engineering bills of material. Each row in this table represents a unique manufacturing or engineering bill and is identified by BILL_SEQUENCE_ID.

Oracle Bills of Material stores planning bills, model/option structures and standard bills in this table. The item's BOM_ITEM_TYPE attribute dictates the type of bill of material defined in this table. There is no identifier in this table that differentiates planning, model, option class, standard bills or product families.

If a bill shares its structure with another bill in the same or a different organization, COMMON_BILL_SEQUENCE_ID refers to that common bill. This is a mandatory column that equals BILL_SEQUENCE_ID if there is no common bill reference.

If an engineering change order creates a new bill of material for an item, PENDING_FROM_ECN stores the ECO number that originates this new bill.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_ALTERNATE_DESIGNATORS	ALTERNATE_DESIGNATOR_CODE ORGANIZATION_ID	ALTERNATE_BOM_DESIGNATOR ORGANIZATION_ID
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	COMMON_BILL_SEQUENCE_ID
ENG_ENGINEERING_CHANGES	CHANGE_NOTICE ORGANIZATION_ID	PENDING_FROM_ECN ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	ASSEMBLY_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	COMMON_ORGANIZATION_ID COMMON_ASSEMBLY_ITEM_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ASSEMBLY_TYPE	ECG_BOM_COMP_SEL	MFG_LOOKUPS
	1	Manufacturing
	2	Engineering

Column Descriptions

Name	Null?	Type	Description
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier of manufactured assembly
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COMMON_ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier of common bill
SPECIFIC_ASSEMBLY_COMMENT	NULL	VARCHAR2(240)	Specific bill of material comment
PENDING_FROM_ECN	NULL	VARCHAR2(10)	Change notice that created this bill of material
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
ASSEMBLY_TYPE	NOT NULL	NUMBER	Assembly type: 1=Manufacturing bill 2=Engineering bill
COMMON_BILL_SEQUENCE_ID	NOT NULL	NUMBER	Identifier of common bill
BILL_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Bill of material unique identifier
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
COMMON_ORGANIZATION_ID	NULL	NUMBER	Organization identifier of common bill
NEXT_EXPLODE_DATE	NULL	DATE	Next date when pre-explosion will be refreshed
PROJECT_ID	NULL	NUMBER	Project Identifier for Project Manufacturing
TASK_ID	NULL	NUMBER	Task identifier for Project Manufacturing
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_BILL_OF_MATERIALS_N1	NOT UNIQUE	1	COMMON_BILL_SEQUENCE_ID
BOM_BILL_OF_MATERIALS_U1	UNIQUE	1	ASSEMBLY_ITEM_ID
		2	ORGANIZATION_ID
		3	ALTERNATE_BOM_DESIGNATOR
BOM_BILL_OF_MATERIALS_U2	UNIQUE	2	BILL_SEQUENCE_ID

Sequences

Sequence	Derived Column
BOM_INVENTORY_COMPONENTS_S	BILL_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

      This trigger updates the REXPLODE_FLAG in the BOM_EXPLOSIONS table for the INSERT, UPDATE or
    DELETE of a row. For a product family this trigger nulls out the PRODUCT_FAMILY_ITEM_ID column
    in the MTL_SYSTEM_ITEMS table for DELETES.
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_BILL_OF_MATERIALS_ARCHIVE

Used by Delete Group program to archive deleted Bills of Material.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ASSEMBLY_TYPE	ECG_BOM_COMP_SEL	MFG_LOOKUPS
	1	Manufacturing
	2	Engineering

Column Descriptions

Name	Null?	Type	Description
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier of manufactured assembly
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
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
COMMON_ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier of common bill
SPECIFIC_ASSEMBLY_COMMENT	NULL	VARCHAR2(240)	Specific bill of material comment
PENDING_FROM_ECN	NULL	VARCHAR2(10)	Change notice that created this bill of material
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
ASSEMBLY_TYPE	NOT NULL	NUMBER	Assembly Type: 1=Manufacturing bill 2=Engineering bill
COMMON_BILL_SEQUENCE_ID	NOT NULL	NUMBER	Identifier of common bill
BILL_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Bill of material unique identifier
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
COMMON_ORGANIZATION_ID	NULL	NUMBER	Organization identifier of common bill

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
NEXT_EXPLODE_DATE	NULL	DATE	Next date when pre–explosion will be refreshed
PROJECT_ID	NULL	NUMBER	Project identifier for Project Manufacturing
TASK_ID	NULL	NUMBER	Task_identifier for Project Manufacturing
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original system that data for the current record has come from

Sequences

Sequence	Derived Column
BOM_INVENTORY_COMPONENTS_S	BILL_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_BILL_OF_MTLS_INTERFACE

BOM_BILL_OF_MTLS_INTERFACE temporarily stores bills of material before loading information into Oracle Bills of Material. This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Bills of Material will derive column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION_CODE and Oracle Bills of Material will fill in the corresponding ORGANIZATION_ID for you.

Also, if you enter REVISION, Oracle Bills of Material will insert a record into MTL_ITEM_REVISIONS for your bill item.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ASSEMBLY_TYPE	ECG_BOM_COMP_SEL	MFG_LOOKUPS
	1	Manufacturing
	2	Engineering
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded

Column Descriptions

Name	Null?	Type	Description
ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of manufactured assembly
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
COMMON_ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of common assembly
SPECIFIC_ASSEMBLY_COMMENT	NULL	VARCHAR2(240)	Specific bill of material comment
PENDING_FROM_ECN	NULL	VARCHAR2(10)	Change notice that created this bill
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ASSEMBLY_TYPE	NULL	NUMBER	Assembly Type: 1=Manufacturing bill 2=Engineering bill
COMMON_BILL_SEQUENCE_ID	NULL	NUMBER	Unique bill identifier for common bill
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material unique identifier
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
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Demand source line – used for ATO
SET_ID	NULL	VARCHAR2(10)	Set identifier – used for ATO
COMMON_ORGANIZATION_ID	NULL	NUMBER	Organization identifier of common organization
DEMAND_SOURCE_TYPE	NULL	NUMBER	Demand source type – used for ATO
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Demand source header identifier – used for ATO
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
COMMON_ORG_CODE	NULL	VARCHAR2(3)	Abbreviation of common organization name
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated bill item segments
COMMON_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated common bill item segments
NEXT_EXPLODE_DATE	NULL	DATE	Next date when pre–explosion will be refreshed
REVISION	NULL	VARCHAR2(3)	Bill revision
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Type of action: CREATE, UPDATE, or DELETE

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_BILL_OF_MTLS_INTERFACE_N1	NOT UNIQUE	1	ASSEMBLY_ITEM_ID
		2	ORGANIZATION_ID
		3	ALTERNATE_BOM_DESIGNATOR
BOM_BILL_OF_MTLS_INTERFACE_N2	NOT UNIQUE	1	BILL_SEQUENCE_ID
BOM_BILL_OF_MTLS_INTERFACE_N3	NOT UNIQUE	1	COMMON_BILL_SEQUENCE_ID
BOM_BILL_OF_MTLS_INTERFACE_N4	NOT UNIQUE	1	SET_ID
BOM_BILL_OF_MTLS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CALENDARS

BOM_CALENDARS stores the definition of your workday calendar.

You can follow any of the four following type of quarters for your yearly calendar identified by Quarterly Calendar Type

1. 4–4–5 : quarterly pattern having two 4 weeks followed by a 5 week period
2. 5–4–4 : one 5 week followed by two 4 week periods
3. 13 periods : for calendar year
4. regular months of calendar year

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
QUARTERLY_CALENDAR_TYPE	BOM_CALENDAR_QT	MFG_LOOKUPS
	1	445 weekly quarter pattern
	2	544 weekly quarter pattern
	3	Regular calendar months
	4	13 period calendar

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar 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
QUARTERLY_CALENDAR_TYPE	NOT NULL	NUMBER	Quarterly Calendar Type Code
DAYS_ON	NULL	NUMBER	Number of consecutive working days
DAYS_OFF	NULL	NUMBER	Number of consecutive non–working days
CALENDAR_START_DATE	NOT NULL	DATE	Beginning date for the calendar
CALENDAR_END_DATE	NOT NULL	DATE	Ending date for the calendar
DESCRIPTION	NULL	VARCHAR2(240)	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
DATABASE_IN_SYNC	NULL	VARCHAR2(1)	Compiled calendar is up to date with the database (yes/no)

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CALENDARS_U1	UNIQUE	1	CALENDAR_CODE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CALENDAR_DATES

BOM_CALENDAR_DATES stores data compiled by the workday calendar for the base calendar. This table stores every date between the calendar start date and calendar end date for the given calendar using a specified exception set.

The workday calendar program sequences each work day for the calendar, starting with 1. Non–working days have NULL values for SEQ_NUM. PRIOR_SEQ_NUM and NEXT_SEQ_NUM point to the previous and next workdays. For rows that represent workdays, prior equals next. For non–working days prior points to previous workday and next points to next workday.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	EXCEPTION_SET_ID

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
CALENDAR_DATE (PK)	NOT NULL	DATE	Calendar date
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
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
SEQ_NUM	NULL	NUMBER	Sequence number (for working days only)
NEXT_SEQ_NUM	NOT NULL	NUMBER	Next sequence number
PRIOR_SEQ_NUM	NOT NULL	NUMBER	Prior sequence number
NEXT_DATE	NOT NULL	DATE	Date corresponding to next sequence number
PRIOR_DATE	NOT NULL	DATE	Date corresponding to prior sequence number
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CALENDAR_DATES_N1	NOT UNIQUE	1	NEXT_DATE
		2	CALENDAR_CODE
		3	EXCEPTION_SET_ID
BOM_CALENDAR_DATES_N2	NOT UNIQUE	1	PRIOR_DATE
		2	CALENDAR_CODE
		3	EXCEPTION_SET_ID
BOM_CALENDAR_DATES_N3	NOT UNIQUE	1	SEQ_NUM
		2	CALENDAR_DATE
		3	CALENDAR_CODE
		4	EXCEPTION_SET_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
BOM_CALENDAR_DATES_U1	UNIQUE	1	CALENDAR_DATE
		2	CALENDAR_CODE
		3	EXCEPTION_SET_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CALENDAR_EXCEPTIONS

BOM_CALENDAR_EXCEPTIONS stores exception dates for a calendar. You can define these exception dates to be working or non–working days. The workday calendar program uses this information to generate your workday calendar.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	EXCEPTION_SET_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCEPTION_TYPE	BOM_ON_OFF	MFG_LOOKUPS
	1	On
	2	Off

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
EXCEPTION_DATE (PK)	NOT NULL	DATE	Exception date
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
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
EXCEPTION_TYPE	NOT NULL	NUMBER	Exception type (1 for On and 2 for Off)
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CALENDAR_EXCEPTIONS_U1	UNIQUE	1	CALENDAR_CODE
		2	EXCEPTION_SET_ID
		3	EXCEPTION_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CALENDAR_SHIFTS

BOM_CALENDAR_SHIFTS stores the shift information that you define for a calendar (CALENDAR_CODE). You define each shift (SHIFT_NUM), its description (DESCRIPTION), and shift workday pattern (DAYS ON and DAYS OFF). A calendar can have multiple shifts, each having its own workday pattern and exception dates. Each shift also has its own shift times. The workday calendar program generates a shift calendar for every shift you define.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
SHIFT_NUM (PK)	NOT NULL	NUMBER	Shift number
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
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
DAYS_ON	NULL	NUMBER	Number of consecutive working days
DAYS_OFF	NULL	NUMBER	Number of consecutive non–working days
DESCRIPTION	NULL	VARCHAR2(240)	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CALENDAR_SHIFTS_U1	UNIQUE	1	CALENDAR_CODE
		2	SHIFT_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CAL_WEEK_START_DATES

BOM_CAL_WEEK_START_DATES stores all the weeks between the calendar start date and calendar end date for a calendar and exception set. All calendar week start dates are valid work days. A sequence is generated beginning from the first week start date. The next week start date and prior week start date are also stored in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	EXCEPTION_SET_ID

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
WEEK_START_DATE (PK)	NOT NULL	DATE	Week start date
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
NEXT_DATE	NOT NULL	DATE	Date corresponding to the next working date
PRIOR_DATE	NOT NULL	DATE	Date corresponding to the prior working date
SEQ_NUM	NOT NULL	NUMBER	Sequence number (for working days)
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CAL_WEEK_START_DATES_U1	UNIQUE	1	CALENDAR_CODE
		2	EXCEPTION_SET_ID
		3	WEEK_START_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CAL_YEAR_START_DATES

BOM_CAL_YEAR_START_DATES stores the year start dates for your calendar and exception set.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	EXCEPTION_SET_ID

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
YEAR_START_DATE (PK)	NOT NULL	DATE	Calendar year start date
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
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CAL_YEAR_START_DATES_U1	UNIQUE	1	CALENDAR_CODE
		2	EXCEPTION_SET_ID
		3	YEAR_START_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CMYTEMP

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_COMPARISON_TEMP

BOM_COMPARISON_TEMP stores information about a comparison of two bills of material. This table is used by both Oracle Bills of Material and Oracle Engineering for the View Bill of Material Comparison window and the Bill of Material Comparison report.

Each row may have ASSEMBLY_ID1, or ASSEMBLY_ID2, or both the columns populated. If ASSEMBLY_ID1 alone is populated it means that component is unique to the first bill in the comparison. If ASSEMBLY_ID2 alone is populated it means that component is unique to the second bill in the comparison. If ASSEMBLY_ID1 and ASSEMBLY_ID2 are both populated, it means that component is common to the two bills being compared.

SEQUENCE_ID is the unique key to this table for a given execution of an inquiry or report. It contains the next available sequence number from the sequence BOM_COMPARISON_TEMP_S.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	ASSEMBLY_ITEM_ID	ASSEMBLY_ID1
BOM_BILL_OF_MATERIALS	ASSEMBLY_ITEM_ID	ASSEMBLY_ID2
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID1
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID2

Column Descriptions

Name	Null?	Type	Description
SEQUENCE_ID	NOT NULL	NUMBER	Unique ID used to identify the results of a comparison of two bills of material
ASSEMBLY_ID1	NULL	NUMBER	First assembly identifier
ASSEMBLY_ID2	NULL	NUMBER	Second assembly identifier
ITEM_NUM	NULL	NUMBER	Item sequence within bill of material structure, which overrides operation sequence number as basis for BOM sorts
COMPONENT_QUANTITY	NULL	NUMBER	Quantity of component in parent assembly
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
COMPONENT_YIELD_FACTOR	NULL	NUMBER	Factor by which a quantity is multiplied to obtain component yield
EFFECTIVITY_DATE	NULL	DATE	Effective date
DISABLE_DATE	NULL	DATE	Disable date
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change will be implemented
PLANNING_FACTOR	NULL	NUMBER	Planning factor
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
OPTIONAL	NULL	NUMBER	Optional (yes or no)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COMPONENT_SEQUENCE_ID1	NULL	NUMBER	Component sequence ID in first bill of material
COMPONENT_SEQUENCE_ID2	NULL	NUMBER	Component sequence ID in second bill of material

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_COMPARISON_TEMP_N1	NOT UNIQUE	1	SEQUENCE_ID

Sequences

Sequence	Derived Column
BOM_COMPARISON_TEMP_S	SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CONFIG_EXPLOSIONS

This table contains temporary copies of rows in BOM_EXPLOSIONS. This is so the Configurator window can perform updates on exploded bills of material without effecting pre–explosions.

Column Descriptions

Name	Null?	Type	Description
TOP_BILL_SEQUENCE_ID	NOT NULL	NUMBER	Top Bill Sequence Identifier
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill of material unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
EXPLOSION_TYPE	NOT NULL	VARCHAR2(20)	Optional, Included or All components
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique identifier
COMPONENT_ITEM_ID	NULL	NUMBER	Component item identifier
PLAN_LEVEL	NOT NULL	NUMBER	Level in bill
EXTENDED_QUANTITY	NULL	NUMBER	Extended quantity including quantity per, yield, and shrinkage
SORT_ORDER	NOT NULL	VARCHAR2(240)	Sorting sequence for the explosion
CREATION_DATE	NULL	DATE	Who column
CREATED_BY	NULL	NUMBER	Who Column
LAST_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATED_BY	NULL	NUMBER	Who column
GROUP_ID	NULL	NUMBER	Explosion identifier
SESSION_ID	NULL	NUMBER	Session identifier
SELECT_FLAG	NULL	VARCHAR2(1)	Whether this component has been ordered
SELECT_QUANTITY	NULL	NUMBER	Order quantity
TOP_ITEM_ID	NULL	NUMBER	Item identifier of level 0 item
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
SYSTEM_ID	NULL	NUMBER	System–generated identifier of order header
HEADER_ID	NULL	NUMBER	System–generated identifier of order header
LINE_ID	NULL	NUMBER	System–generated identifier of order, configuration or shipment schedule line

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_SVRID	NULL	NUMBER	System-generated identifier of order header
LIST_PRICE	NULL	NUMBER	The price of the item on the price list
SELLING_PRICE	NULL	NUMBER	Actual price charged to customer
COMPONENT_QUANTITY	NULL	NUMBER	Quantity of component in bill of material
SO_BASIS	NULL	NUMBER	Quantity basis used by Oracle Order Entry to determine how many units of component to put on an order
OPTIONAL	NULL	NUMBER	Flag indicating if component is optional in bill of material
MUTUALLY_EXCLUSIVE_OPTIONS	NULL	NUMBER	Flag indicating if one or more children of component can be picked when taking an order
CHECK_ATP	NULL	NUMBER	Flag indicating if ATP check is required
SHIPPING_ALLOWED	NULL	NUMBER	Flag indicating if component is allowed to ship
REQUIRED_TO_SHIP	NULL	NUMBER	Flag indicating if component is required to ship
REQUIRED_FOR_REVENUE	NULL	NUMBER	Flag indicating if component is required for revenue
INCLUDE_ON_SHIP_DOCS	NULL	NUMBER	Flag indicating if component is included on shipping documents
INCLUDE_ON_BILL_DOCS	NULL	NUMBER	Flag indicating if component is included on billing documents
LOW_QUANTITY	NULL	NUMBER	Minimum quantity allowed on an order
HIGH_QUANTITY	NULL	NUMBER	Maximum quantity allowed on an order
PICK_COMPONENTS	NULL	NUMBER	(not currently used)
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code of component
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure of component
BASE_ITEM_ID	NULL	NUMBER	Base item identifier
ATP_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	NULL	VARCHAR2(1)	Flag indicating ATP must be checked when item is ordered
BOM_ITEM_TYPE	NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating all shippable components of should be picked
REPLENISH_TO_ORDER_FLAG	NULL	VARCHAR2(1)	Assemble to order flag
SHIPPABLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating internally orderable item
CUSTOMER_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is internally orderable
SO_TRANSACTIONS_FLAG	NULL	VARCHAR2(1)	Sales order transactions flag
DESCRIPTION	NULL	VARCHAR2(240)	Description
ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CONFIGURATOR_FLAG	NULL	VARCHAR2(1)	Flag indicating if component is used by the configurator form
PRICE_LIST_ID	NULL	NUMBER	System–generated identifier of price list
ROUNDING_FACTOR	NULL	NUMBER	Rounding factor used to determine order quantity
PRICING_CONTEXT	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
PRICING_ATTRIBUTE1	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE2	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE3	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE4	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE5	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE6	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE7	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE8	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE9	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE10	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE11	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE12	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE13	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE14	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE15	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
COMPONENT_CODE	NULL	VARCHAR2(1000)	Concatenation of component item identifiers
LOOP_FLAG	NULL	NUMBER	Indicates whether a loop is detected
PARENT_BOM_ITEM_TYPE	NULL	NUMBER	Parent item’s bom item type
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
ITEM_NUM	NULL	NUMBER	Item unit cost
EFFECTIVITY_DATE	NULL	DATE	Effective date
DISABLE_DATE	NULL	DATE	Disable date

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change order was implemented
REXPLODE_FLAG	NULL	NUMBER	Flag indicating whether to re-explode
COMMON_BILL_SEQUENCE_ID	NULL	NUMBER	Common bill of material unique identifier
COMP_BILL_SEQ_ID	NULL	NUMBER	Bill Sequence identifier of component
COMP_COMMON_BILL_SEQ_ID	NULL	NUMBER	Common bill sequence id of component
NUM_COL1	NULL	NUMBER	Updatable column for Configurator
NUM_COL2	NULL	NUMBER	Updatable column for Configurator
NUM_COL3	NULL	NUMBER	Updatable column for Configurator
DATE_COL1	NULL	DATE	Updatable column for Configurator
DATE_COL2	NULL	DATE	Updatable column for Configurator
DATE_COL3	NULL	DATE	Updatable column for Configurator
CHAR_COL1	NULL	VARCHAR2(80)	Updatable column for Configurator
CHAR_COL2	NULL	VARCHAR2(80)	Updatable column for Configurator
CHAR_COL3	NULL	VARCHAR2(80)	Updatable column for Configurator
PREVIOUS_SELECTED_QTY	NULL	NUMBER	This column is no longer used.
AUTO_SELECTED_QUANTITY	NULL	NUMBER	This column is no longer used.
SELECTED_LINE_ID	NULL	NUMBER	This column is no longer used.
CONFIG_HEADER_ID	NULL	NUMBER	This column is no longer used.
CONFIG_REV_NBR	NULL	NUMBER	This column is no longer used.

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CONFIG_EXPLOSIONS_N1	NOT UNIQUE	1	GROUP_ID
BOM_CONFIG_EXPLOSIONS_N2	NOT UNIQUE	1	SESSION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CTO_ORDER_DEMAND

Column Descriptions

Name	Null?	Type	Description
BCOD_LINE_ID (PK)	NOT NULL	NUMBER(10)	
OE_LINE_ID	NOT NULL	NUMBER(10)	
ATO_LINE_ID	NOT NULL	NUMBER(10)	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
ORGANIZATION_ID	NOT NULL	NUMBER(10)	
REQUIRED_DATE	NOT NULL	DATE	
REQUIRED_QTY	NOT NULL	NUMBER(10)	
ORDER_QUANTITY_UOM	NULL	VARCHAR2(3)	
HEADER_ID	NOT NULL	NUMBER	
PARENT_DEMAND_TYPE	NULL	NUMBER(1)	
FORECAST_VISIBLE	NOT NULL	VARCHAR2(1)	
DEMAND_VISIBLE	NOT NULL	VARCHAR2(1)	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATED_BY	NOT NULL	NUMBER	
LAST_UPDATED_DATE	NOT NULL	DATE	
LAST_UPDATE_LOGIN	NULL	NUMBER	
PROGRAM_APPLICATION_ID	NULL	NUMBER	
PROGRAM_UPDATE_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CTO_ORDER_DEMAND_N1	NOT UNIQUE	5	OE_LINE_ID
BOM_CTO_ORDER_DEMAND_N2	NOT UNIQUE	5	ATO_LINE_ID
BOM_CTO_ORDER_DEMAND_U1	NOT UNIQUE	5	BCOD_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CTO_ORDER_LINES

bom cto order lines

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
ATO_LINE_ID	NULL	NUMBER(10)	
BATCH_ID	NULL	VARCHAR2(30)	
BOM_ITEM_TYPE	NULL	VARCHAR2(30)	
COMPONENT_CODE	NULL	VARCHAR2(1000)	
COMPONENT_SEQUENCE_ID	NULL	NUMBER	
CONFIG_ITEM_ID	NULL	NUMBER(20)	
INVENTORY_ITEM_ID	NULL	NUMBER(20)	
ITEM_TYPE_CODE	NULL	VARCHAR2(30)	
LINE_ID (PK)	NOT NULL	NUMBER(10)	
LINK_TO_LINE_ID	NULL	NUMBER(10)	
ORDERED_QUANTITY	NULL	NUMBER	
ORDER_QUANTITY_UOM	NULL	VARCHAR2(3)	
PARENT_ATO_LINE_ID	NULL	NUMBER(10)	
PERFORM_MATCH	NULL	VARCHAR2(1)	
PLAN_LEVEL	NULL	NUMBER	
SCHEDULE_SHIP_DATE	NULL	DATE	
SHIP_FROM_ORG_ID	NULL	NUMBER(10)	
TOP_MODEL_LINE_ID	NOT NULL	NUMBER(10)	
WIP_SUPPLY_TYPE	NULL	VARCHAR2(30)	
HEADER_ID	NOT NULL	NUMBER(10)	
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CTO_ORDER_LINES_N1	NOT UNIQUE	1	TOP_MODEL_LINE_ID
BOM_CTO_ORDER_LINES_N2	NOT UNIQUE	1	PARENT_ATO_LINE_ID
BOM_CTO_ORDER_LINES_U1	NOT UNIQUE	5	LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_CTO_SRC_ORGS

BOM_CTO_SRC_ORGS

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COST_ROLLUP	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CREATE_BOM	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
CREATE_SRC_RULES	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

Column Descriptions

Name	Null?	Type	Description
CONFIG_ITEM_ID	NULL	NUMBER(20)	
COST_ROLLUP	NULL	VARCHAR2(1)	
CREATE_BOM	NULL	VARCHAR2(1)	
CREATE_SRC_RULES	NULL	VARCHAR2(1)	
LINE_ID	NOT NULL	NUMBER(10)	
MODEL_ITEM_ID	NULL	NUMBER(20)	
ORGANIZATION_ID	NOT NULL	NUMBER(10)	
ORGANIZATION_TYPE	NULL	NUMBER(10)	
RANK	NULL	NUMBER(10)	
RCV_ORG_ID	NULL	NUMBER(10)	
TOP_MODEL_LINE_ID	NOT NULL	NUMBER(10)	
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 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
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_CTO_SRC_ORGS_N1	NOT UNIQUE	10	LINE_ID
		20	MODEL_ITEM_ID
		30	ORGANIZATION_ID
BOM_CTO_SRC_ORGS_N2	NOT UNIQUE	1	TOP_MODEL_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DELETE_ENTITIES

BOM_DELETE_ENTITIES stores information about items, bills, or routings you choose to delete in your delete group.

Oracle Bills of Material stores the item number and description of the item you delete in ITEM_CONCAT_SEGMENTS and ITEM_DESCRIPTION. These values are stored to report and query on if you delete the item.

PRIOR_PROCESS_FLAG stores whether the row originates from the user or is automatically created by Oracle Bills of Material. If a user entered the row, the Delete Item User–exit process does not affect the row.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
BOM_DELETE_GROUPS	DELETE_GROUP_SEQUENCE_ID	DELETE_GROUP_SEQUENCE_ID
BOM_OPERATIONAL_ROUTINGS	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DELETE_ENTITY_TYPE	BOM_DELETE_ENTITY_TYPE	MFG_LOOKUPS
	1	Item
	2	Bill of material
	3	Routing
	4	Component
	5	Operation
DELETE_STATUS_TYPE	BOM_DELETE_STATUS_TYPE	MFG_LOOKUPS
	1	Pending
	2	Check ok
	3	Error
	4	Deleted
PRIOR_COMMIT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PRIOR_PROCESS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
DELETE_ENTITY_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Delete entity unique identifier
DELETE_GROUP_SEQUENCE_ID	NOT NULL	NUMBER	Delete group unique identifier
DELETE_ENTITY_TYPE	NULL	NUMBER	Type of delete entity
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material unique identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing unique identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Item unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator of bom or routing being deleted
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
ITEM_CONCAT_SEGMENTS	NOT NULL	VARCHAR2(240)	Item concatenated key flexfield segments
DELETE_STATUS_TYPE	NULL	NUMBER	Delete entity status
DELETE_DATE	NULL	DATE	Date entity was deleted
PRIOR_PROCESS_FLAG	NOT NULL	NUMBER	Indicates whether this row has been exploded into its bill or routings for child organizations
PRIOR_COMMIT_FLAG	NOT NULL	NUMBER	Indicates if the row is user entered or loaded automatically
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DELETE_ENTITIES_N1	NOT UNIQUE	1	DELETE_GROUP_SEQUENCE_ID
BOM_DELETE_ENTITIES_U1	UNIQUE	1	DELETE_ENTITY_SEQUENCE_ID

Sequences

Sequence	Derived Column
BOM_DELETE_ENTITIES_S	DELETE_ENTITY_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DELETE_ERRORS

BOM_DELETE_ERRORS stores information about constraints that are violated for every entity that you try to delete. Oracle Bills of Material retrieves the translated error message using the message name associated with every failed constraint.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DELETE_ENTITIES	DELETE_ENTITY_SEQUENCE_ID	DELETE_ENTITY_SEQUENCE_ID
BOM_DELETE_SQL_STATEMENTS	SQL_STATEMENT_NAME	SQL_STATEMENT_NAME
BOM_DELETE_SUB_ENTITIES	COMPONENT_SEQUENCE_ID OPERATION_SEQUENCE_ID	COMPONENT_SEQUENCE_ID OPERATION_SEQUENCE_ID

Column Descriptions

Name	Null?	Type	Description
DELETE_ENTITY_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Delete entity unique identifier
COMPONENT_SEQUENCE_ID (PK)	NULL	NUMBER	Component unique identifier
OPERATION_SEQUENCE_ID (PK)	NULL	NUMBER	Routing operation unique identifier
ERROR_SEQUENCE_NUMBER (PK)	NOT NULL	NUMBER	Error sequence number
SQL_STATEMENT_NAME	NOT NULL	VARCHAR2(10)	Name of failed sql statement
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DELETE_ERRORS_U1	UNIQUE	1	DELETE_ENTITY_SEQUENCE_ID
		2	COMPONENT_SEQUENCE_ID
		3	OPERATION_SEQUENCE_ID
		4	ERROR_SEQUENCE_NUMBER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DELETE_GROUPS

BOM_DELETE_GROUPS stores header information about the group of entities you want to delete.

You can group items, bills, routings , operations, components, bill and routings, or items, bills and routings in a single group.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTION_TYPE	BOM_DELETE_ACTION_TYPE	MFG_LOOKUPS
	1	Check
	2	Delete
DELETE_TYPE	BOM_DELETE_TYPE	MFG_LOOKUPS
	1	Item
	2	Bill of material
	3	Routing
	4	Component
	5	Operation
	6	Bill and routing
	7	Item, bill and routing
ENGINEERING_FLAG	BOM_NO_YES	MFG_LOOKUPS
	1	No
	2	Yes

Column Descriptions

Name	Null?	Type	Description
DELETE_GROUP_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Group unique identifier
DELETE_GROUP_NAME	NOT NULL	VARCHAR2(10)	Name of the delete group
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DELETE_TYPE	NOT NULL	NUMBER	Type of delete
ACTION_TYPE	NOT NULL	NUMBER	Type of action
DATE_LAST_SUBMITTED	NULL	DATE	Date the concurrent program was last submitted
DESCRIPTION	NULL	VARCHAR2(240)	Description
ENGINEERING_FLAG	NOT NULL	NUMBER	Whether the delete group is for engineering or manufacturing entities
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 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
DELETE_COMMON_BILL_FLAG	NULL	NUMBER(1)	Common Bill Flag
DELETE_ORG_TYPE	NULL	NUMBER	Organization Type
ORGANIZATION_HIERARCHY	NULL	VARCHAR2(30)	Organization Hierarchy Name

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DELETE_GROUPS_U1	UNIQUE	1	DELETE_GROUP_SEQUENCE_ID
BOM_DELETE_GROUPS_U2	UNIQUE	1	ORGANIZATION_ID
		2	DELETE_GROUP_NAME

Sequences

Sequence	Derived Column
BOM_DELETE_GROUPS_S	DELETE_GROUP_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DELETE_SQL_STATEMENTS

This table stores information about delete statements and constraints. Oracle Bills of Material provides you with a pre–defined set of constraints to maintain data integrity. You should not delete these constraints. You can add your own constraints using the Define Delete Constraints (BOMFDCON) window. Oracle Bills of Material also stores delete sql statements that the Delete program (BMCDEL) uses to purge data from the database.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
DELETE_ENTITY_TYPE	BOM_DELETE_ENTITY_TYPE	MFG_LOOKUPS
	1	Item
	2	Bill of material
	3	Routing
	4	Component
	5	Operation
DELETE_ON_SUCCESS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PREDEFINED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SQL_STATEMENT_TYPE	BOM_DELETE_SQL_TYPE	MFG_LOOKUPS
	1	Constraint
	2	Delete

Column Descriptions

Name	Null?	Type	Description
SQL_STATEMENT_NAME (PK)	NOT NULL	VARCHAR2(10)	Name that uniquely identifies a sql statement
SQL_STATEMENT_TYPE	NOT NULL	NUMBER	Type of sql statement
ACTIVE_FLAG	NOT NULL	NUMBER	Indicates whether this sql statement is active
DELETE_ON_SUCCESS_FLAG	NULL	NUMBER	For a constraint, indicate whether delete should occur when sql statement succeeds (returns rows) or whether delete should occur when sql statement fails (returns no rows)
DELETE_ENTITY_TYPE	NOT NULL	NUMBER	Type of delete entity
MESSAGE_NAME	NULL	VARCHAR2(30)	Name of the message to be produced when the sql statement fails
DESCRIPTION	NULL	VARCHAR2(240)	Description
SQL_STATEMENT	NULL	LONG	Sql statement

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SEQUENCE_NUMBER	NOT NULL	NUMBER	Number that identifies the sequence in which the constraints or deletes for this delete entity type will execute
ARCHIVE_TABLE_NAME	NULL	VARCHAR2(32)	For delete statements, name of table to archive deleted rows
PREDEFINED_FLAG	NOT NULL	NUMBER	Indicates if constraint is seeded or user defined
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DELETE_SQL_STATEMENTS_U1	UNIQUE	1	SQL_STATEMENT_NAME
BOM_DELETE_SQL_STATEMENTS_U2	UNIQUE	1	SQL_STATEMENT_TYPE
		2	DELETE_ENTITY_TYPE
		3	SEQUENCE_NUMBER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DELETE_SUB_ENTITIES

BOM_DELETE_SUB_ENTITIES stores information about components and operations that you select to delete.

Oracle Bills of Material stores the concatenated component segments, to refer to the part number, if you delete the component item.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DELETE_ENTITIES	DELETE_ENTITY_SEQUENCE_ID	DELETE_ENTITY_SEQUENCE_ID
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DELETE_STATUS_TYPE	BOM_DELETE_STATUS_TYPE	MFG_LOOKUPS
	1	Pending
	2	Check ok
	3	Error
	4	Deleted

Column Descriptions

Name	Null?	Type	Description
DELETE_ENTITY_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Delete entity unique identifier
COMPONENT_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Component unique identifier
OPERATION_SEQUENCE_ID (PK)	NULL	NUMBER	Routing operation unique identifier
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
EFFECTIVITY_DATE	NOT NULL	DATE	Effective date
FROM_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	From End Item Unit Number
COMPONENT_ITEM_ID	NULL	NUMBER	Component item identifier
COMPONENT_CONCAT_SEGMENTS	NULL	VARCHAR2(240)	Component item concatenated key flexfield segments
ITEM_NUM	NULL	NUMBER	Sequence number of the component within the bill
DISABLE_DATE	NULL	DATE	Disable date
TO_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	To End Item Unit Number
DESCRIPTION	NULL	VARCHAR2(240)	Description
OPERATION_DEPARTMENT_CODE	NULL	VARCHAR2(10)	Department in which the operation takes place
DELETE_STATUS_TYPE	NOT NULL	NUMBER	Delete status
DELETE_DATE	NULL	DATE	Date the sub–entity was deleted
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 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DELETE_SUB_ENTITIES_U1	UNIQUE	1	DELETE_ENTITY_SEQUENCE_ID
		2	COMPONENT_SEQUENCE_ID
		3	OPERATION_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
SCRAP_ACCOUNT	NULL	NUMBER	Scrap account of department
EST_ABSORPTION_ACCOUNT	NULL	NUMBER	Estimated scrap absorption account

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DEPARTMENTS_U1	UNIQUE	1	DEPARTMENT_ID
BOM_DEPARTMENTS_U2	UNIQUE	1	ORGANIZATION_ID
		2	DEPARTMENT_CODE

Sequences

Sequence	Derived Column
BOM_DEPARTMENTS_S	DEPARTMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DEPARTMENTS_ALL_V

View based on BOM_DEPARTMENTS table. Main columns include DEPARTMENT_ID, DEPARTMENT_CODE, DESCRIPTION, DISABLE_DATE, ORGANIZATION_ID. No records are filtered out.

View Definition

```
    CREATE VIEW BOM_DEPARTMENTS_ALL_V
      as SELECT
         BD.DEPARTMENT_ID,
         BD.DEPARTMENT_CODE,
         BD.DESCRIPTION,
         BD.DISABLE_DATE,
         BD.ORGANIZATION_ID,
         BD.LAST_UPDATE_DATE,
         BD.LAST_UPDATED_BY,
         BD.CREATION_DATE,
         BD.CREATED_BY,
         BD.LAST_UPDATE_LOGIN,
         BD.DEPARTMENT_CLASS_CODE,
         BD.ATTRIBUTE_CATEGORY,
         BD.ATTRIBUTE1,
         BD.ATTRIBUTE2,
         BD.ATTRIBUTE3,
         BD.ATTRIBUTE4,
         BD.ATTRIBUTE5,
         BD.ATTRIBUTE6,
         BD.ATTRIBUTE7,
         BD.ATTRIBUTE8,
         BD.ATTRIBUTE9,
         BD.ATTRIBUTE10,
         BD.ATTRIBUTE11,
         BD.ATTRIBUTE12,
         BD.ATTRIBUTE13,
         BD.ATTRIBUTE14,
         BD.ATTRIBUTE15,
         BD.REQUEST_ID,
         BD.PROGRAM_APPLICATION_ID,
         BD.PROGRAM_ID,
         BD.PROGRAM_UPDATE_DATE,
         BD.LOCATION_ID
         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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
  as SELECT
     BD.DEPARTMENT_ID,
     BD.DEPARTMENT_CODE,
     BD.DESCRIPTION,
     BD.DISABLE_DATE,
     BD.ORGANIZATION_ID,
     BD.LAST_UPDATE_DATE,
     BD.LAST_UPDATED_BY,
     BD.CREATION_DATE,
     BD.CREATED_BY,
     BD.LAST_UPDATE_LOGIN,
     BD.DEPARTMENT_CLASS_CODE,
     BD.ATTRIBUTE_CATEGORY,
     BD.ATTRIBUTE1,
     BD.ATTRIBUTE2,
     BD.ATTRIBUTE3,
     BD.ATTRIBUTE4,
     BD.ATTRIBUTE5,
     BD.ATTRIBUTE6,
     BD.ATTRIBUTE7,
     BD.ATTRIBUTE8,
     BD.ATTRIBUTE9,
     BD.ATTRIBUTE10,
     BD.ATTRIBUTE11,
     BD.ATTRIBUTE12,
     BD.ATTRIBUTE13,
     BD.ATTRIBUTE14,
     BD.ATTRIBUTE15,
     BD.REQUEST_ID,
     BD.PROGRAM_APPLICATION_ID,
     BD.PROGRAM_ID,
     BD.PROGRAM_UPDATE_DATE,
     BD.LOCATION_ID
     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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DEPARTMENT_CLASSES

BOM_DEPARTMENT_CLASSES stores information about department classes which you can use to group departments.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_CLASS_CODE (PK)	NOT NULL	VARCHAR2(10)	Department class code
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(240)	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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DEPARTMENT_CLASSES_N1	NOT UNIQUE	1	ORGANIZATION_ID
BOM_DEPARTMENT_CLASSES_U1	UNIQUE	1	DEPARTMENT_CLASS_CODE
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DEPARTMENT_RESOURCES

BOM_DEPARTMENT_RESOURCES stores information about resources that you assign to a department. You then use these resources on routing operations. You can define multiple resources for a department.

SHARE_CAPACITY_FLAG determines if the current department shares its capacity with other departments. SHARE_FROM_DEPT_ID indicates the department which shares the capacity shares of a resource with your department.

You can use RESOURCE_GROUP_NAME to group resource assignments to departments. Oracle Capacity uses this information when performing resource rollups.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_DEPARTMENT_RESOURCES	DEPARTMENT_ID	SHARE_FROM_DEPT_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
MRP_PLANNING_EXCEPTION_SETS	EXCEPTION_SET_NAME ORGANIZATION_ID	EXCEPTION_SET_NAME ORGANIZATION_ID
MTL_ATP_RULES	RULE_ID	ATP_RULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AVAILABLE_24_HOURS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CTP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SHARE_CAPACITY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID (PK)	NOT NULL	NUMBER	Department unique identifier
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource unique 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
SHARE_CAPACITY_FLAG	NOT NULL	NUMBER	Allow sharing of capacity
SHARE_FROM_DEPT_ID	NULL	NUMBER	Share capacity from department identifier
CAPACITY_UNITS	NULL	NUMBER	Resource capacity
RESOURCE_GROUP_NAME	NULL	VARCHAR2(30)	Resource use category

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
AVAILABLE_24_HOURS_FLAG	NOT NULL	NUMBER	Resource is available 24 hours or by shifts
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
CTP_FLAG	NULL	NUMBER	Flag indicating capacity must be checked when resource is ordered
EXCEPTION_SET_NAME	NULL	VARCHAR2(10)	Name of the exception set
ATP_RULE_ID	NULL	NUMBER	Identifier of the available to promise rule used
UTILIZATION	NULL	NUMBER	Resource Utilization
EFFICIENCY	NULL	NUMBER	Resource Efficiency
SCHEDULE_TO_INSTANCE	NULL	NUMBER	Schedule To Instance

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DEPARTMENT_RESOURCES_U1	UNIQUE	1	DEPARTMENT_ID
		2	RESOURCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DEPENDENT_DESC_ELEMENTS

BOM_DEPENDENT_DESC_ELEMENTS stores information about the descriptive elements assigned to a bill of material. You can only assign descriptive elements to model and option class bills of material. You can choose from those defined in MTL_DESCRIPTIVE_ELEMENTS. For model bills of material, you can only choose descriptive elements that are in the model item's catalog group.

The descriptive elements assigned to a bill of material are used to assign descriptive element values to configuration items that are created for model/option sales orders.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
MTL_DESCRIPTIVE_ELEMENTS	ELEMENT_NAME	ELEMENT_NAME

Column Descriptions

Name	Null?	Type	Description
BILL_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Bill of material unique identifier
ELEMENT_NAME (PK)	NOT NULL	VARCHAR2(30)	Descriptive element name
LAST_UPDATE_DATE	NOT NULL	DATE	Last update date
LAST_UPDATED_BY	NOT NULL	NUMBER	Last updated by
CREATION_DATE	NOT NULL	DATE	Creation date
CREATED_BY	NOT NULL	NUMBER	Created by
LAST_UPDATE_LOGIN	NULL	NUMBER	Last update login
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_DEPENDENT_DESC_ELEMENTS_U1	UNIQUE	1	BILL_SEQUENCE_ID
		2	ELEMENT_NAME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DEPEND_DESC_ELEM_ARCHIVE

Used by Delete Group program to archive deleted descriptive elements assigned to model/option bills of material.

Column Descriptions

Name	Null?	Type	Description
BILL_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Bill of material unique identifier
ELEMENT_NAME (PK)	NOT NULL	VARCHAR2(30)	Descriptive element name
LAST_UPDATE_DATE	NOT NULL	DATE	Last update date
LAST_UPDATED_BY	NOT NULL	NUMBER	Last updated by
CREATION_DATE	NOT NULL	DATE	Creation date
CREATED_BY	NOT NULL	NUMBER	Created by
LAST_UPDATE_LOGIN	NULL	NUMBER	Last update login
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_DEPT_RES_INSTANCES

BOM_DEPT_RES_INSTANCES stores department resource instances information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENT_RESOURCES	DEPARTMENT_ID RESOURCE_ID	DEPARTMENT_ID RESOURCE_ID

Column Descriptions

Name	Null?	Type	Description
INSTANCE_ID	NOT NULL	NUMBER	Instance Identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial Number
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
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
BOM_DEPT_RES_INSTANCES_U1	UNIQUE	2	INSTANCE_ID
		4	DEPARTMENT_ID
		6	RESOURCE_ID
		8	SERIAL_NUMBER

Sequences

Sequence	Derived Column
BOM_DEPT_RES_INSTANCES_S	INSTANCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_EXCEPTION_SETS

BOM_EXCEPTION_SETS stores exception sets required to compile your calendar.

Column Descriptions

Name	Null?	Type	Description
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
EXCEPTION_SET_NAME	NOT NULL	VARCHAR2(10)	Exception set name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_EXCEPTION_SETS_U1	UNIQUE	1	EXCEPTION_SET_NAME
BOM_EXCEPTION_SETS_U2	UNIQUE	1	EXCEPTION_SET_ID

Sequences

Sequence	Derived Column
BOM_EXCEPTION_SETS_S	EXCEPTION_SET_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_EXCEPTION_SET_DATES

BOM_EXCEPTION_SETS_DATES stores the dates for the exception set

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	EXCEPTION_SET_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCEPTION_TYPE	BOM_ON_OFF	MFG_LOOKUPS
	1	On
	2	Off

Column Descriptions

Name	Null?	Type	Description
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
EXCEPTION_DATE (PK)	NOT NULL	DATE	Specifies the date for the exception
EXCEPTION_TYPE	NOT NULL	NUMBER	Specifies whether the exception is an off day or an on day
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
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER	Standard Who Column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_EXCEPTION_SET_DATES_N1	NOT UNIQUE	3	EXCEPTION_SET_ID
BOM_EXCEPTION_SET_DATES_U1	UNIQUE	1	EXCEPTION_DATE
		2	EXCEPTION_SET_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_EXPLOSIONS

This table contains permanent explosions of all model bills for use by Oracle Order Management. It contains components with all effective dates (within limits). There are three types of explosions: Optional, Included, or Both. The types refer to whether the component is mandatory or optional.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
TOP_BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill identifier of level 0 items
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill of material unique identifier of parent
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
EXPLOSION_TYPE	NOT NULL	VARCHAR2(20)	Optional, included or all components
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique identifier
COMPONENT_ITEM_ID	NOT NULL	NUMBER	Component item identifier
PLAN_LEVEL	NOT NULL	NUMBER	Level in bill
EXTENDED_QUANTITY	NULL	NUMBER	Extended quantity including quantity per, yield, and shrinkage
SORT_ORDER	NOT NULL	VARCHAR2(240)	Sorting sequence for the explosion
CREATION_DATE	NULL	DATE	Who column
CREATED_BY	NULL	NUMBER	Who column
LAST_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATED_BY	NULL	NUMBER	Who column
TOP_ITEM_ID	NOT NULL	NUMBER	Item identifier of level 0 item
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COMPONENT_QUANTITY	NULL	NUMBER	Quantity of component in bill of material
SO_BASIS	NULL	NUMBER	Quantity basis used by Oracle Order Management to determine how many units of component to put on an order
OPTIONAL	NULL	NUMBER	Flag indicating if component is optional in bill of material
MUTUALLY_EXCLUSIVE_OPTIONS	NULL	NUMBER	Flag indicating if one or more children of component can be picked when taking an order
CHECK_ATP	NULL	NUMBER	Flag indicating if ATP check is required
SHIPPING_ALLOWED	NULL	NUMBER	Flag indicating if component is allowed to ship
REQUIRED_TO_SHIP	NULL	NUMBER	Flag indicating if component is required to ship
REQUIRED_FOR_REVENUE	NULL	NUMBER	Flag indicating if component is required for revenue
INCLUDE_ON_SHIP_DOCS	NULL	NUMBER	Flag indicating if component is included on shipping documents
INCLUDE_ON_BILL_DOCS	NULL	NUMBER	Flag indicating if component is included on billing documents
LOW_QUANTITY	NULL	NUMBER	Minimum quantity allowed on an order
HIGH_QUANTITY	NULL	NUMBER	Maximum quantity allowed on an order
PICK_COMPONENTS	NULL	NUMBER	(not currently used)
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code of component
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure of component
BASE_ITEM_ID	NULL	NUMBER	Base item identifier
ATP_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	NULL	VARCHAR2(1)	Flag indicating ATP must be checked when item is ordered
BOM_ITEM_TYPE	NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating all shippable components should be picked
REPLENISH_TO_ORDER_FLAG	NULL	VARCHAR2(1)	Assemble to order flag
SHIPPABLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating internally orderable item
CUSTOMER_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is internally orderable
SO_TRANSACTIONS_FLAG	NULL	VARCHAR2(1)	Sales order transactions flag
DESCRIPTION	NULL	VARCHAR2(240)	Description
ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier
COMPONENT_CODE	NULL	VARCHAR2(1000)	Concatenation of component item identifiers
LOOP_FLAG	NULL	NUMBER	Indicates whether a loop is detected
PARENT_BOM_ITEM_TYPE	NULL	NUMBER	Parent item’s bom item type
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_NUM	NULL	NUMBER	Item sequence within bill of material structure
EFFECTIVITY_DATE	NULL	DATE	Effective date
DISABLE_DATE	NULL	DATE	Disable date
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change order was implemented
REXPLODE_FLAG	NULL	NUMBER	Flag indicating whether to re–explode
COMMON_BILL_SEQUENCE_ID	NULL	NUMBER	Common bill of material unique identifier of parent
COMP_BILL_SEQ_ID	NULL	NUMBER	Component's bill sequence identifier
COMP_COMMON_BILL_SEQ_ID	NULL	NUMBER	Component's common bill sequence identifier
EXPLODE_GROUP_ID	NULL	NUMBER	(not used)
NUM_COL1	NULL	NUMBER	(not used)
NUM_COL2	NULL	NUMBER	(not used)
NUM_COL3	NULL	NUMBER	(not used)
DATE_COL1	NULL	DATE	(not used)
DATE_COL2	NULL	DATE	(not used)
DATE_COL3	NULL	DATE	(not used)
CHAR_COL1	NULL	VARCHAR2(80)	(not used)
CHAR_COL2	NULL	VARCHAR2(80)	(not used)
CHAR_COL3	NULL	VARCHAR2(80)	(not used)

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_EXPLOSIONS_N1	NOT UNIQUE	1	TOP_BILL_SEQUENCE_ID
		2	EXPLOSION_TYPE
		3	PLAN_LEVEL
		4	EFFECTIVITY_DATE
		5	DISABLE_DATE
BOM_EXPLOSIONS_N2	NOT UNIQUE	1	COMP_COMMON_BILL_SEQ_ID
		2	TOP_BILL_SEQUENCE_ID
		3	EXPLOSION_TYPE
BOM_EXPLOSIONS_N3	NOT UNIQUE	1	TOP_BILL_SEQUENCE_ID
		2	EXPLOSION_TYPE
		3	REXPLODE_FLAG
BOM_EXPLOSIONS_N4	NOT UNIQUE	1	COMPONENT_ITEM_ID
		2	ORGANIZATION_ID
		4	TOP_BILL_SEQUENCE_ID
BOM_EXPLOSIONS_N5	NOT UNIQUE	1	EXPLODE_GROUP_ID
BOM_EXPLOSIONS_U1	UNIQUE	2	TOP_BILL_SEQUENCE_ID
		4	EXPLOSION_TYPE
		6	SORT_ORDER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

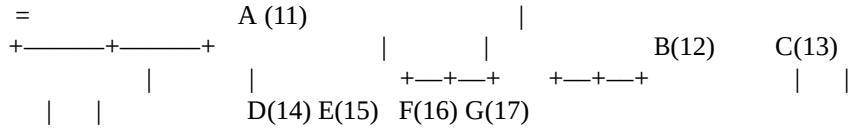
BOM_EXPLOSION_TEMP

BOM_EXPLOSION_TEMP stores temporary, indented bill of material structures for batch processes (Cost Rollup, Bill Structure Report) and Oracle Order Management. The explosion process (BOMPEXPL) populates this table when exploding a single or a range of bills of material.

GROUP_ID identifies all rows generated from an explosion. SESSION_ID groups a number of explosions. This is currently used only by Oracle Order Management.

TOP_BILL_SEQUENCE_ID is the bill sequence id of the exploded bill.

The explosion process constructs SORT_ORDER that correctly determines the node of the row in the bill structure. You must order the rows by SORT_ORDER to retrieve the correct bill structure. The following information shows an example of how the sort order is determined (inventory_item_ids are in parentheses).



= Component Sort_order ———— ———— A 001
B 001001 C 001002 D 001001001 E
001001002 F 001002001 G 001002002

=

When you select and order by SORT_ORDER, you get: = A .B
..D ..E .C ..F ..G

=

Oracle Order Management uses COMPONENT_CODE to uniquely identify the bill that uses a component. COMPONENT_CODE for Oracle Order Management is built by concatenating component_item_ids and using '–' as the delimiter.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

The bill loop check process uses COMPONENT_CODE to detect loops. COMPONENT_CODE store s the concatention of item ids down any branch in the indented structure tree. The explosion process left pads the ids with 0s up to 16 characters. For example:

= Component Component_code ————————

A 0000000000000011 B 0000000000000011000000000000012 C 0000000000000011000000000000013 D
0000000000000011000000000000012000000000000014 E
0000000000000011000000000000012000000000000015 F
0000000000000011000000000000013000000000000016 G
0000000000000011000000000000013000000000000017

=

The explosion and bill loop check processes set the LOOP_FLAG to 1, if a loop is detected in the assembly.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	TOP_BILL_SEQUENCE_ID
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
BOM_BILL_OF_MATERIALS	ORGANIZATION_ID ASSEMBLY_ITEM_ID ALTERNATE_BOM_DESIGNATOR	ORGANIZATION_ID TOP_ITEM_ID TOP_ALTERNATE_DESIGNATOR
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID

Column Descriptions

Name	Null?	Type	Description
TOP_BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill identifier of level 0 items
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill of material unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique identifier
COMPONENT_ITEM_ID	NULL	NUMBER	Component item identifier
PLAN_LEVEL	NOT NULL	NUMBER	Level in bill
EXTENDED_QUANTITY	NULL	NUMBER	Extended quantity including quantity per, yield, and shrinkage
SORT_ORDER	NOT NULL	VARCHAR2(240)	Sorting sequence for the explosion
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
GROUP_ID	NULL	NUMBER	Explosion identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SESSION_ID	NULL	NUMBER	Session identifier
SELECT_FLAG	NULL	VARCHAR2(1)	Whether this component has been ordered
SELECT_QUANTITY	NULL	NUMBER	Order quantity
EXTEND_COST_FLAG	NULL	NUMBER	Whether to extend cost for this item
TOP_ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator for level 0
TOP_ITEM_ID	NULL	NUMBER	Item identifier of level 0 item
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
HEADER_ID	NULL	NUMBER	System–generated identifier of order header
LINE_ID	NULL	NUMBER	System–generated identifier of order, configuration or shipment schedule line
LIST_PRICE	NULL	NUMBER	The price of the item on the price list
SELLING_PRICE	NULL	NUMBER	Actual price charged to customer
COMPONENT_YIELD_FACTOR	NULL	NUMBER	Component yield
ITEM_COST	NULL	NUMBER	Item unit cost
INCLUDE_IN_ROLLUP_FLAG	NULL	NUMBER	Flag indicating if component is to be used when rolling up costs
BASED_ON_ROLLUP_FLAG	NULL	NUMBER	Flag indicating whether cost will be rolled up
ACTUAL_COST_TYPE_ID	NULL	NUMBER	Actual cost type identifier
COMPONENT_QUANTITY	NULL	NUMBER	Quantity of component in bill of material
SHRINKAGE_RATE	NULL	NUMBER	Planned shrinkage rate
SO_BASIS	NULL	NUMBER	Quantity basis used by Oracle Order Management to determine how many units of component to put on an order
OPTIONAL	NULL	NUMBER	Flag indicating if component is optional in bill of material
MUTUALLY_EXCLUSIVE_OPTIONS	NULL	NUMBER	Flag indicating if one or more children of component can be picked when taking an order
CHECK_ATP	NULL	NUMBER	Flag indicating if ATP check is required
SHIPPING_ALLOWED	NULL	NUMBER	Flag indicating if component is allowed to ship

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REQUIRED_TO_SHIP	NULL	NUMBER	Flag indicating if component is required to ship
REQUIRED_FOR_REVENUE	NULL	NUMBER	Flag indicating if component is required for revenue
INCLUDE_ON_SHIP_DOCS	NULL	NUMBER	Flag indicating if component is included on shipping documents
INCLUDE_ON_BILL_DOCS	NULL	NUMBER	Flag indicating if component is included on billing documents
LOW_QUANTITY	NULL	NUMBER	Minimum quantity allowed on an order
HIGH_QUANTITY	NULL	NUMBER	Maximum quantity allowed on an order
PICK_COMPONENTS	NULL	NUMBER	(not currently used)
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code of component
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure of component
BASE_ITEM_ID	NULL	NUMBER	Base item identifier
ATP_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	NULL	VARCHAR2(1)	Flag indicating ATP must be checked when item is ordered
BOM_ITEM_TYPE	NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating all shippable components should be picked
REPLENISH_TO_ORDER_FLAG	NULL	VARCHAR2(1)	Assemble to order flag
SHIPPABLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating item has been internally ordered
CUSTOMER_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item can be internally ordered
SO_TRANSACTIONS_FLAG	NULL	VARCHAR2(1)	Sales order transactions flag
MTL_TRANSACTIONS_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is transactable
STOCK_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is stockable
DESCRIPTION	NULL	VARCHAR2(240)	Description
ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier
CONFIGURATOR_FLAG	NULL	VARCHAR2(1)	Flag indicating if component is used by the configurator form
PRICE_LIST_ID	NULL	NUMBER	System-generated identifier of price list
ROUNDING_FACTOR	NULL	NUMBER	Rounding factor used to determine order quantity
PRICING_CONTEXT	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
PRICING_ATTRIBUTE1	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE2	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE3	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PRICING_ATTRIBUTE4	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE5	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE6	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE7	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE8	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE9	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE10	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE11	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE12	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE13	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE14	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE15	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
COMPONENT_CODE	NULL	VARCHAR2(1000)	Concatenation of component item identifiers
LOOP_FLAG	NULL	NUMBER	Indicates whether a loop is detected
INVENTORY_ASSET_FLAG	NULL	NUMBER	Flag indicating item is an inventory asset
PLANNING_FACTOR	NULL	NUMBER	Factor used to multiply component quantity with to obtain planning quantity
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
PARENT_BOM_ITEM_TYPE	NULL	NUMBER	Parent item’s bom item type
WIP_SUPPLY_TYPE	NULL	NUMBER	Supply type
ITEM_NUM	NULL	NUMBER	Item sequence within bill of material structure
EFFECTIVITY_DATE	NULL	DATE	Effective date
DISABLE_DATE	NULL	DATE	Disable date
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change order was implemented
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory
SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator identifier
COMPONENT_REMARKS	NULL	VARCHAR2(240)	Component remarks
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Operation offset from first operation in routing

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REXPLODE_FLAG	NULL	NUMBER	Flag indicating whether to re–explode
COMMON_BILL_SEQUENCE_ID	NULL	NUMBER	Common bill of material unique identifier

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_EXPLOSION_TEMP_N1	NOT UNIQUE	1	COMPONENT_ITEM_ID
		2	COMPONENT_SEQUENCE_ID
BOM_EXPLOSION_TEMP_N2	NOT UNIQUE	1	TOP_BILL_SEQUENCE_ID
		2	GROUP_ID
		3	COMPONENT_ITEM_ID
BOM_EXPLOSION_TEMP_N3	NOT UNIQUE	1	GROUP_ID
		2	PLAN_LEVEL
		3	COMPONENT_ITEM_ID
BOM_EXPLOSION_TEMP_N4	NOT UNIQUE	1	GROUP_ID
		2	LINE_ID
BOM_EXPLOSION_TEMP_N5	NOT UNIQUE	1	SESSION_ID
		2	TOP_BILL_SEQUENCE_ID

Sequences

Sequence	Derived Column
BOM_EXPLOSION_TEMP_S	GROUP_ID
BOM_EXPLOSION_TEMP_SESSION_S	SESSION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_FORM_QUERY

Column Descriptions

Name	Null?	Type	Description
QUERY_ID	NOT NULL	NUMBER	– Retrofitted
LAST_UPDATE_DATE	NOT NULL	DATE	– Retrofitted
LAST_UPDATED_BY	NOT NULL	NUMBER	– Retrofitted
CREATION_DATE	NOT NULL	DATE	– Retrofitted
CREATED_BY	NOT NULL	NUMBER	– Retrofitted
LAST_UPDATE_LOGIN	NULL	NUMBER	– Retrofitted
DATE1	NULL	DATE	– Retrofitted
DATE2	NULL	DATE	– Retrofitted
DATE3	NULL	DATE	– Retrofitted
DATE4	NULL	DATE	– Retrofitted
DATE5	NULL	DATE	– Retrofitted
DATE6	NULL	DATE	– Retrofitted
DATE7	NULL	DATE	– Retrofitted
DATE8	NULL	DATE	– Retrofitted
NUMBER1	NULL	NUMBER	– Retrofitted
NUMBER2	NULL	NUMBER	– Retrofitted
NUMBER3	NULL	NUMBER	– Retrofitted
NUMBER4	NULL	NUMBER	– Retrofitted
NUMBER5	NULL	NUMBER	– Retrofitted
NUMBER6	NULL	NUMBER	– Retrofitted
NUMBER7	NULL	NUMBER	– Retrofitted
NUMBER8	NULL	NUMBER	– Retrofitted
NUMBER9	NULL	NUMBER	– Retrofitted
NUMBER10	NULL	NUMBER	– Retrofitted
NUMBER11	NULL	NUMBER	– Retrofitted
NUMBER12	NULL	NUMBER	– Retrofitted
NUMBER13	NULL	NUMBER	– Retrofitted
NUMBER14	NULL	NUMBER	– Retrofitted
NUMBER15	NULL	NUMBER	– Retrofitted
REQUEST_ID	NULL	NUMBER	– Retrofitted
CHAR1	NULL	VARCHAR2(80)	– Retrofitted
CHAR2	NULL	VARCHAR2(80)	– Retrofitted
CHAR3	NULL	VARCHAR2(80)	– Retrofitted
CHAR4	NULL	VARCHAR2(80)	– Retrofitted
CHAR5	NULL	VARCHAR2(80)	– Retrofitted
CHAR6	NULL	VARCHAR2(80)	– Retrofitted
CHAR7	NULL	VARCHAR2(80)	– Retrofitted
CHAR8	NULL	VARCHAR2(80)	– Retrofitted
CHAR9	NULL	VARCHAR2(250)	– Retrofitted
PROGRAM_UPDATE_DATE	NULL	DATE	– Retrofitted
PROGRAM_APPLICATION_ID	NULL	NUMBER	– Retrofitted
PROGRAM_ID	NULL	NUMBER	– Retrofitted

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_FORM_QUERY_N1	NOT UNIQUE	1	QUERY_ID
		2	DATE1

Oracle Proprietary, Confidential Information—Use Restricted by Contract

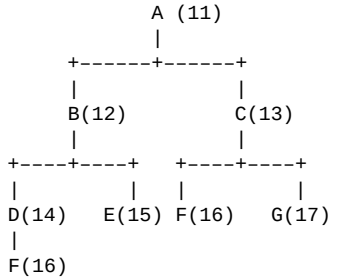
BOM_IMPLOSION_TEMP

BOM_IMPLOSION_TEMP stores temporary information about where an item is used in a bill of material structure. The item implosion process generates this information by recursively travelling up the bill of material structure. This table is used by the Item Where Used Report.

SEQUENCE_ID is the unique identifier for each implosion process.

LOWEST_ITEM_ID is the item that you are imploding.
CURRENT_ITEM_ID is the item id of the current row.
PARENT_ITEM_ID is the item id of the parent of the current item.
LOWEST_ALTERNATE_DESIGNATOR is the alternate of each first level parent of the imploded item.

SORT_CODE stores information about a particular node in the indented structure. You must order the rows by SORT_ORDER to retrieve the correct bill structure. The following example shows how the sort order is determined (inventory_item_ids are in parentheses).



An implosion of item F will generate the following sort orders:

Item	Sort Order
F	001
D	001001
C	001002
B	001001001
A	001002001
A	001001001001

When you select and order by SORT_ORDER, you get:

```
F
.D
..B
...A
.C
..A
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	ASSEMBLY_ITEM_ID	CURRENT_ITEM_ID
BOM_BILL_OF_MATERIALS	ASSEMBLY_ITEM_ID	PARENT_ITEM_ID
BOM_BILL_OF_MATERIALS	ALTERNATE_BOM_DESIGNATOR	LOWEST_ALTERNATE_DESIGNATOR
BOM_INVENTORY_COMPONENTS	COMPONENT_ITEM_ID	LOWEST_ITEM_ID
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID

Column Descriptions

Name	Null?	Type	Description
SEQUENCE_ID	NOT NULL	NUMBER(22)	Implosion identifier
LOWEST_ITEM_ID	NOT NULL	NUMBER	Identifier of item to implode
CURRENT_ITEM_ID	NOT NULL	NUMBER	Item identifier of current component
PARENT_ITEM_ID	NULL	NUMBER	Assembly item identifier
ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bom designator
CURRENT_LEVEL	NOT NULL	NUMBER	Implosion level
SORT_CODE	NOT NULL	VARCHAR2(240)	Sort sequence
LOWEST_ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bom designator of level 1 items
CURRENT_ASSEMBLY_TYPE	NULL	NUMBER	Assembly type
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique 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 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
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
EFFECTIVITY_DATE	NULL	DATE	Effective date
DISABLE_DATE	NULL	DATE	Disable date
COMPONENT_QUANTITY	NULL	NUMBER	Component quantity
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Revised item unique identifier
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
IMPLEMENTED_FLAG	NULL	NUMBER	Indicator if component row is implemented or pending

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_IMPLOSION_TEMP_N1	NOT UNIQUE	1	SEQUENCE_ID
		2	CURRENT_LEVEL
		3	PARENT_ITEM_ID

Sequences

Sequence	Derived Column
BOM_IMPLOSION_TEMP_S	SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_INTERFACE_DELETE_GROUPS

BOM_INTERFACE_DELETE_GROUPS contains the default delete group names for bills, components, routings, and operations. These names are used when the Bill, Routing, and ECO Open Interfaces are instructed to delete these type of objects.

Column Descriptions

Name	Null?	Type	Description
ENTITY_NAME (PK)	NOT NULL	VARCHAR2(50)	Name of the entity the delete group name is used for. The values in this column can only be: BOM_BILL_OF_MTLS_INTERFACE, BOM_INVENTORY_COMPS_INTERFACE, BOM_OP_ ROUTINGS_INTERFACE, or BOM_OP_SEQUENCES_INTERFACE
DELETE_GROUP_NAME	NOT NULL	VARCHAR2(10)	Delete group name for the entity type you are deleting
DESCRIPTION	NULL	VARCHAR2(240)	Description of the delete group

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_INTERFACE_DELETE_GROUPS_U1	UNIQUE	2	ENTITY_NAME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_INVENTORY_COMPONENTS

BOM_INVENTORY_COMPONENTS stores information about bills of material components. This table only stores single–level components. COMPONENT_SEQUENCE_ID uniquely identifies each row. There is one row per component on an operation within a given date range.

This table is the main child table of BOM_BILL_OF_MATERIALS and references the parent using BILL_SEQUENCE_ID. It uses EFFECTIVITY_DATE and DISABLE_DATE to time phase components into a bill of material. The Bill of Material window enforces that only one row for a component in an operation is effective at a given time.

REVISED_ITEM_SEQUENCE_ID points to the revised item on an ECO that affects a particular component row. If IMPLEMENTATION_DATE is null, the component is pending on an engineering change that has not yet been implemented. IMPLEMENTATION_DATE is either NULL (pending on ECO) or equals EFFECTIVITY_DATE (implemented). OLD_COMPONENT_SEQUENCE_ID points to the original component row affected by this component row through an engineering change.

This table also contains certain columns relating to shipping, billing and accounting for revenue on a customer order through Oracle Order Management. CHECK_ATP determines if an ATP check is required for this item when placing an order and overrides the Item level ATP flag. LOW_QUANTITY and HIGH_QUANTITY define minimum and maximum quantities of this component item that can be placed on an order if the customer chooses to override COMPONENT_QUANTITY. OPTIONAL decides if a component is a required option class you have to choose from (for Option Class items) or a required item (for Standard items) when taking an order. For Option Class items, MUTUALLY_EXCLUSIVE_OPTIONS decides if one or more of its components can be placed on an order when you pick this option class.

OPERATION_LEAD_TIME_PERCENT is denormalized for performance from BOM_OPERATION_SEQUENCES when rolling up cumulative leadtimes.

The ORGANIZATION_ID for the component can be derived from the BOM_BILL_OF_MATERIALS table using BILL_SEQUENCE_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	OLD_COMPONENT_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_OPERATION_SEQUENCES	OPERATION_SEQ_NUM	OPERATION_SEQ_NUM
ENG_REVISED_ITEMS	REVISED_ITEM_SEQUENCE_ID	REVISED_ITEM_SEQUENCE_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID	SUPPLY_LOCATOR_ID
MTL_ITEM_SUB_INVENTORIES	SECONDARY_INVENTORY	SUPPLY_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SUPPLY_SUBINVENTORY
MTL_SECONDARY_LOCATORS	SECONDARY_LOCATOR	SUPPLY_LOCATOR_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	COMPONENT_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable
BOM_ITEM_TYPE	BOM_ITEM_TYPE	MFG_LOOKUPS
	1	Model
	2	Option class
	3	Planning
	4	Standard
	5	Product Family
CHECK_ATP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_IN_COST_ROLLUP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_ON_BILL_DOCS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_ON_SHIP_DOCS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INVENTORY_TYPE	MTL_INVENTORY	MFG_LOOKUPS
	1	Inventory items
	7	Engineering items
MUTUALLY_EXCLUSIVE_OPTIONS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OPTIONAL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PICK_COMPONENTS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
QUANTITY_RELATED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REQUIRED_FOR_REVENUE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
REQUIRED_TO_SHIP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SHIPPING_ALLOWED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SO_BASIS	BOM_SO_BASIS	MFG_LOOKUPS
	1	Option class
	2	None
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

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
COMPONENT_ITEM_ID	NOT NULL	NUMBER	Component item 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
ITEM_NUM	NULL	NUMBER	Item sequence within bill of material structure
COMPONENT_QUANTITY	NOT NULL	NUMBER	Quantity of component in bill of material
COMPONENT_YIELD_FACTOR	NOT NULL	NUMBER	Factor used to multiply component quantity with to obtain required component quantity
COMPONENT_REMARKS	NULL	VARCHAR2(240)	Component remarks
EFFECTIVITY_DATE	NOT NULL	DATE	Effective date
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change order was implemented
DISABLE_DATE	NULL	DATE	Disable date
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
PLANNING_FACTOR	NOT NULL	NUMBER	Factor used to multiply component quantity with to obtain planning quantity
QUANTITY_RELATED	NOT NULL	NUMBER	Identifier to indicate if this component has quantity related reference designators
SO_BASIS	NULL	NUMBER	Quantity basis used by Oracle Order Management to determine how many units of component to put on an order
OPTIONAL	NULL	NUMBER	Flag indicating if component is optional in bill
MUTUALLY_EXCLUSIVE_OPTIONS	NULL	NUMBER	Flag indicating if one or more children of component can be picked when taking an order
INCLUDE_IN_COST_ROLLUP	NOT NULL	NUMBER	Flag indicating if this component is to be used when rolling up costs
CHECK_ATP	NOT NULL	NUMBER	Flag indicating if ATP check is required
SHIPPING_ALLOWED	NULL	NUMBER	Flag indicating if component is allowed to ship
REQUIRED_TO_SHIP	NULL	NUMBER	Flag indicating if component is required to ship
REQUIRED_FOR_REVENUE	NULL	NUMBER	Flag indicating if component is required for revenue
INCLUDE_ON_SHIP_DOCS	NULL	NUMBER	Flag indicating if component is displayed on shipping documents
INCLUDE_ON_BILL_DOCS	NULL	NUMBER	(not currently used)
LOW_QUANTITY	NULL	NUMBER	Minimum quantity allowed on an order
HIGH_QUANTITY	NULL	NUMBER	Maximum quantity allowed on an order
ACD_TYPE	NULL	NUMBER	Add, change, or disable code for component on an engineering change order
OLD_COMPONENT_SEQUENCE_ID	NULL	NUMBER	Identifier of original component row an ECO effects
COMPONENT_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Component unique identifier
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill of material unique identifier
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
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type code
PICK_COMPONENTS	NULL	NUMBER	(not currently used)
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory
SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator identifier
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Operation offset from first operation in routing (denormalized from corresponding column in BOM_OPERATION_SEQUNCES)
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Engineering change order revised item identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COST_FACTOR	NULL	NUMBER	(not currently used)
BOM_ITEM_TYPE	NOT NULL	NUMBER	Type of item (denormalized from BOM Item Type in MTL_SYSTEM_ITEMS)
FROM_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	From End Item Unit Number
TO_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	To End Item Unit Number
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original system that data for the current record has come from
ECO_FOR_PRODUCTION	NULL	NUMBER	Indicates if this component on an Engineering Change Order is only for WIP jobs

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_INVENTORY_COMPONENTS_N1	NOT UNIQUE	1	COMPONENT_ITEM_ID
		2	BILL_SEQUENCE_ID
		4	EFFECTIVITY_DATE
BOM_INVENTORY_COMPONENTS_N2	NOT UNIQUE	1	BILL_SEQUENCE_ID
BOM_INVENTORY_COMPONENTS_N3	NOT UNIQUE	1	REVISED_ITEM_SEQUENCE_ID
BOM_INVENTORY_COMPONENTS_N4	NOT UNIQUE	1	OLD_COMPONENT_SEQUENCE_ID
BOM_INVENTORY_COMPONENTS_N5	NOT UNIQUE	5	CHANGE_NOTICE
BOM_INVENTORY_COMPONENTS_N6	NOT UNIQUE	2	BILL_SEQUENCE_ID
		4	FROM_END_ITEM_UNIT_NUMBER
		6	COMPONENT_ITEM_ID
BOM_INVENTORY_COMPONENTS_U1	UNIQUE	2	BILL_SEQUENCE_ID
		7	EFFECTIVITY_DATE
		8	COMPONENT_ITEM_ID
		9	OPERATION_SEQ_NUM
		11	FROM_END_ITEM_UNIT_NUMBER
BOM_INVENTORY_COMPONENTS_U2	UNIQUE	2	COMPONENT_SEQUENCE_ID

Sequences

Sequence	Derived Column
BOM_INVENTORY_COMPONENTS_S	COMPONENT_SEQUENCE_ID

Database Triggers

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

This trigger marks the preexploded data in BOM_EXPLOSIONS for re–explosion. It sets the REXPLODE_FLAG = 1 for the records that reference the bill in which the component record is being changed.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_INVENTORY_COMPS_ARCHIVE

Used by Delete Group program to archive deleted components.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable
BOM_ITEM_TYPE	BOM_ITEM_TYPE	MFG_LOOKUPS
	1	Model
	2	Option class
	3	Planning
	4	Standard
	5	Product Family
CHECK_ATP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_IN_COST_ROLLUP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_ON_BILL_DOCS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_ON_SHIP_DOCS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INVENTORY_TYPE	MTL_INVENTORY	MFG_LOOKUPS
	1	Inventory items
	7	Engineering items
MUTUALLY_EXCLUSIVE_OPTIONS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OPTIONAL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PICK_COMPONENTS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
QUANTITY_RELATED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REQUIRED_FOR_REVENUE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REQUIRED_TO_SHIP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SHIPPING_ALLOWED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	No
SO_BASIS	BOM_SO_BASIS	MFG_LOOKUPS
	1	Option class
	2	None
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

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
COMPONENT_ITEM_ID	NOT NULL	NUMBER	Component item 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
ITEM_NUM	NULL	NUMBER	Item sequence within bill of material structure
COMPONENT_QUANTITY	NOT NULL	NUMBER	Quantity of component in bill of material
COMPONENT_YIELD_FACTOR	NOT NULL	NUMBER	Factor used to multiply component quantity with to obtain required component quantity
COMPONENT_REMARKS	NULL	VARCHAR2(240)	Component remarks
EFFECTIVITY_DATE	NOT NULL	DATE	Effective date
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change order was implemented
DISABLE_DATE	NULL	DATE	Disable date
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PLANNING_FACTOR	NOT NULL	NUMBER	Factor used to multiply component quantity with to obtain planning quantity
QUANTITY_RELATED	NOT NULL	NUMBER	Identifier to indicate if this component has quantity related reference designators
SO_BASIS	NULL	NUMBER	Quantity basis used by Oracle Order Management to determine how many units of component to put on an order
OPTIONAL	NULL	NUMBER	Flag indicating if component is optional in bill
MUTUALLY_EXCLUSIVE_OPTIONS	NULL	NUMBER	Flag indicating if one or more children of component can be picked when taking an order
INCLUDE_IN_COST_ROLLUP	NOT NULL	NUMBER	Flag indicating if this component is to be used when rolling up costs
CHECK_ATP	NOT NULL	NUMBER	Flag indicating if ATP check is required
SHIPPING_ALLOWED	NULL	NUMBER	Flag indicating if component is allowed to ship
REQUIRED_TO_SHIP	NULL	NUMBER	Flag indicating if component is required to ship
REQUIRED_FOR_REVENUE	NULL	NUMBER	Flag indicating if component is required for revenue
INCLUDE_ON_SHIP_DOCS	NULL	NUMBER	Flag indicating if component is displayed on shipping documents
INCLUDE_ON_BILL_DOCS	NULL	NUMBER	(not currently used)
LOW_QUANTITY	NULL	NUMBER	Minimum quantity allowed on an order
HIGH_QUANTITY	NULL	NUMBER	Maximum quantity allowed on an order
ACD_TYPE	NULL	NUMBER	Add, change, or disable code for component on an engineering change order
OLD_COMPONENT_SEQUENCE_ID	NULL	NUMBER	Identifier of original component row an ECO affects
COMPONENT_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Component unique identifier
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill of material unique identifier
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
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type code
PICK_COMPONENTS	NULL	NUMBER	(not currently used)
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory
SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator identifier
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Operation offset from first operation in routing (Denormalized from corresponding column in BOM_OPERATION_SEQUNCES)
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Engineering change order revised item identifier
COST_FACTOR	NULL	NUMBER	(not currently used)
BOM_ITEM_TYPE	NOT NULL	NUMBER	Type of item (denormalized from BOM Item Type in MTL_SYSTEM_ITEMS)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
BOM_INVENTORY_COMPONENTS_S	COMPONENT_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_INVENTORY_COMPS_INTERFACE

BOM_INVENTORY_COMPS_INTERFACE temporarily stores information about bill of material components. This table is shared by the Bills of Material and Engineering Change Order open interfaces.

This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. The open interfaces will derive column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION_CODE and the open interfaces will fill in the corresponding ORGANIZATION_ID for you.

Also, you can enter ASSEMBLY_ITEM_ID, ORGANIZATION_ID and ALTERNATE_BOM_DESIGNATOR instead of BILL_SEQUENCE_ID. The open interfaces will fill in the corresponding BILL_SEQUENCE_ID.

In addition, you can enter BILL_SEQUENCE_ID, COMPONENT_ITEM_ID, OPERATION_SEQ_NUM, and EFFECTIVITY_DATE instead of COMPONENT_SEQUENCE_ID. The open interfaces will fill in the corresponding COMPONENT_SEQUENCE_ID.

You can enter one reference designator and one substitute component for each component you enter. Oracle Bills of Material will insert these records into the tables, BOM_REFERENCE_DESIGNATORS and BOM_SUBSTITUTE_COMPONENTS, respectively.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable
BOM_ITEM_TYPE	BOM_ITEM_TYPE	MFG_LOOKUPS
	1	Model
	2	Option class
	3	Planning
	4	Standard
	5	Product Family
CHECK_ATP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_IN_COST_ROLLUP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INCLUDE_ON_BILL_DOCS	SYS_YES_NO	MFG_LOOKUPS

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1	Yes
	2	No
INCLUDE_ON_SHIP_DOCS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MUTUALLY_EXCLUSIVE_OPTIONS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OPTIONAL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PICK_COMPONENTS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded
QUANTITY_RELATED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REQUIRED_FOR_REVENUE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REQUIRED_TO_SHIP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SHIPPING_ALLOWED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SO_BASIS	BOM_SO_BASIS	MFG_LOOKUPS
	1	Option class
	2	None
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

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
COMPONENT_ITEM_ID	NULL	NUMBER	Component item identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ITEM_NUM	NULL	NUMBER	Item sequence within bill of material structure
COMPONENT_QUANTITY	NULL	NUMBER	Quantity of component in bill of material
COMPONENT_YIELD_FACTOR	NULL	NUMBER	Factor used to multiply component quantity to obtain required component quantity
COMPONENT_REMARKS	NULL	VARCHAR2(240)	Component remarks
EFFECTIVITY_DATE	NULL	DATE	Effective date
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change order was implemented
DISABLE_DATE	NULL	DATE	Disable date
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
PLANNING_FACTOR	NULL	NUMBER	Factor used to multiply component quantity with to obtain planning quantity
QUANTITY_RELATED	NULL	NUMBER	Identifier to indicate if this component has quantity related reference designators
SO_BASIS	NULL	NUMBER	Quantity basis used by Oracle Order Management to determine how many units of component to put on an order
OPTIONAL	NULL	NUMBER	Flag indicating if component is optional in bill
MUTUALLY_EXCLUSIVE_OPTIONS	NULL	NUMBER	Flag indicating if one or more children of component can be picked when taking an order
INCLUDE_IN_COST_ROLLUP	NULL	NUMBER	Flag indicating if this component is to be used when rolling up costs
CHECK_ATP	NULL	NUMBER	Flag indicating if ATP check is required
SHIPPING_ALLOWED	NULL	NUMBER	Flag indicating if component is allowed to ship
REQUIRED_TO_SHIP	NULL	NUMBER	Flag indicating if component is required to ship

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REQUIRED_FOR_REVENUE	NULL	NUMBER	Flag indicating if component is required for revenue
INCLUDE_ON_SHIP_DOCS	NULL	NUMBER	Flag indicating if component is displayed on shipping documents
LOW_QUANTITY	NULL	NUMBER	Minimum quantity allowed on an order
HIGH_QUANTITY	NULL	NUMBER	Maximum quantity allowed on an order
ACD_TYPE	NULL	NUMBER	Add, change, or disable code for component on an engineering change order
OLD_COMPONENT_SEQUENCE_ID	NULL	NUMBER	Identifier of original component row that an ECO affects
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique identifier
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material unique identifier
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
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type code
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory
SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator identifier
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Engineering change order revised item identifier
MODEL_COMP_SEQ_ID	NULL	NUMBER	Component sequence identifier from model bill (for ATO)
ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of manufactured assembly
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation for organization name
COMPONENT_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated component item segments
ASSEMBLY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated bill item segments
REVISED_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated revised item segments
LOCATION_NAME	NULL	VARCHAR2(81)	Supply location name
REFERENCE_DESIGNATOR	NULL	VARCHAR2(15)	Component reference designator
SUBSTITUTE_COMP_ID	NULL	NUMBER	Inventory item identifier of the substitute component
SUBSTITUTE_COMP_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of the substitute component
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
BOM_ITEM_TYPE	NULL	NUMBER	Type of item (denormalized from BOM Item Type in MTL_SYSTEM_ITEMS)
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Operation offset from first operation in routing (Denormalized from corresponding column in BOM_OPERATION_SEQUNCES)
COST_FACTOR	NULL	NUMBER	(not currently used)
INCLUDE_ON_BILL_DOCS	NULL	NUMBER	(not currently used)
PICK_COMPONENTS	NULL	NUMBER	(not currently used)
DDF_CONTEXT1	NULL	VARCHAR2(30)	Used by Mass Change

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
DDF_CONTEXT2	NULL	VARCHAR2(30)	Used by Mass Change
NEW_OPERATION_SEQ_NUM	NULL	NUMBER	Updated value for the operation_seq_num
OLD_OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number in the original component record that an ECO affects
NEW_EFFECTIVITY_DATE	NULL	DATE	Updated value for the effectivity_date
OLD_EFFECTIVITY_DATE	NULL	DATE	Value of effective date in the original component record that an ECO affects
ASSEMBLY_TYPE	NULL	NUMBER	Assembly type of the parent bill
INTERFACE_ENTITY_TYPE	NULL	VARCHAR2(4)	Record used for Bill or ECO Open Interface: BILL, ECO
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Type of action: CREATE, UPDATE or DELETE
BOM_INVENTORY_COMPS_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier that links rows pertaining to the same business object
ENG_REVISED_ITEMS_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier for linking rows pertaining to the same business object
ENG_CHANGES_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier to link rows corresponding to the same business object

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_INV_COMPS_INTERFACE_N1	NOT UNIQUE	1	BILL_SEQUENCE_ID
		2	EFFECTIVITY_DATE
		3	COMPONENT_ITEM_ID
		4	OPERATION_SEQ_NUM
BOM_INV_COMPS_INTERFACE_N2	NOT UNIQUE	1	COMPONENT_SEQUENCE_ID
BOM_INV_COMPS_INTERFACE_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	ASSEMBLY_ITEM_ID
		3	ALTERNATE_BOM_DESIGNATOR
BOM_INV_COMPS_INTERFACE_N4	NOT UNIQUE	2	ASSEMBLY_ITEM_NUMBER
		4	ORGANIZATION_ID
		6	BOM_INVENTORY_COMPS_IFCE_KEY
BOM_INV_COMPS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ITEM_BACKFLUSH_SUBINV

This table is not used in this release.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
LOCATION_TYPE (PK)	NOT NULL	NUMBER	Physical location type code
LOCATION_ID (PK)	NOT NULL	NUMBER	Location code
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Stock locator 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 Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	NUMBER	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_LISTS

BOM_LISTS stores a list of items, bills, or routings that the list builder (BMLFLX) generates for a range of items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	ASSEMBLY_ITEM_ID ALTERNATE_BOM_DESIGNATOR	ASSEMBLY_ITEM_ID ALTERNATE_DESIGNATOR
BOM_OPERATIONAL_ROUTINGS	ASSEMBLY_ITEM_ID ALTERNATE_ROUTING_DESIGNATOR	ASSEMBLY_ITEM_ID ALTERNATE_DESIGNATOR
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ASSEMBLY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
SEQUENCE_ID	NULL	NUMBER	List identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier
ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill/routing designator
ASSEMBLY_TYPE	NULL	NUMBER	Indicates whether manufacturing or engineering assembly
CONC_FLEX_STRING	NULL	VARCHAR2(240)	Concatenated item flex segments
ORGANIZATION_ID	NULL	NUMBER	Organization identifier

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_LISTS_U1	UNIQUE	1	SEQUENCE_ID
		2	ASSEMBLY_ITEM_ID
		3	ALTERNATE_DESIGNATOR

Sequences

Sequence	Derived Column
BOM_LISTS_S	SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_LOW_LEVEL_CODES

BOM_LOW_LEVEL_CODES stores temporary data for cumulative rollup of lead times. It also stores the exploded BOM structure for an assembly. The value of LOW_LEVEL_CODE for an item (INVENTORY_ITEM_ID) determines which level it is in the BOM structure. The cumulative lead time (CUMULATIVE_TOTAL_LEAD_TIME), and cumulative manufacturing lead time (CUM_MANUFACTURING_LEAD_TIME) are calculated for all make–items at each BOM level.

Column Descriptions

Name	Null?	Type	Description
ROLLUP_ID (PK)	NOT NULL	NUMBER	Rollup identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Item identifier
LOW_LEVEL_CODE (PK)	NOT NULL	NUMBER	Low Level Code
CUMULATIVE_TOTAL_LEAD_TIME	NULL	NUMBER	Cumulative total lead time
CUM_MANUFACTURING_LEAD_TIME	NULL	NUMBER	Cumulative manufacturing lead time
PLANNING_MAKE_BUY_CODE	NULL	NUMBER	Planning Make buy code
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_LOW_LEVEL_CODES_U1	UNIQUE	1	ROLLUP_ID
		2	INVENTORY_ITEM_ID
		3	LOW_LEVEL_CODE

Sequences

Sequence	Derived Column
BOM_LOW_LEVEL_CODES_S	ROLLUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_MIXED_MODEL_MAP_CELLS

BOM_MIXED_MODEL_MAP_CELLS contains the matrix cell values for mixed model maps. The cell values include product, demand, machine time, labor time, total time, and process volume.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_MIXED_MODEL_MAP_PROCESSES	MIXED_MODEL_MAP_ID GROUP_NUMBER SEQUENCE_ID	MIXED_MODEL_MAP_ID GROUP_NUMBER SEQUENCE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	PRODUCT_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
MIXED_MODEL_MAP_ID (PK)	NOT NULL	NUMBER	Mixed Model Map identifier
GROUP_NUMBER (PK)	NOT NULL	NUMBER	Processes in a Mixed Model Map are grouped together in sets of 5. This column shows in which set the process exists.
SEQUENCE_ID (PK)	NOT NULL	NUMBER	Specifies whether process is displayed in position 1, 2, 3, 4 or 5 within the group
PRODUCT_ITEM_ID (PK)	NOT NULL	NUMBER	Product item identifier
DEMAND	NOT NULL	NUMBER	Amount of demand for the product
MACHINE_TIME	NULL	NUMBER	Amount of machine time used in a process
LABOR_TIME	NULL	NUMBER	Amount of labor time used in a process
TOTAL_TIME	NULL	NUMBER	Amount of total time used in a process
PROCESS_VOLUME	NULL	NUMBER	Process volume in a process
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_MIXED_MODEL_MAP_CELLS_U1	UNIQUE	2	MIXED_MODEL_MAP_ID
		4	GROUP_NUMBER
		6	SEQUENCE_ID
		8	PRODUCT_ITEM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_MIXED_MODEL_MAP_HEADER

BOM_MIXED_MODEL_MAP_HEADER stores the header information for a mixed model map. This includes the line, product family, demand, and various display options.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	FAMILY_ITEM_ID ORGANIZATION_ID
WIP_LINES	LINE_ID ORGANIZATION_ID	LINE_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
MIXED_MODEL_MAP_ID (PK)	NOT NULL	NUMBER	Unique identifier for a mixed model map
LINE_ID	NOT NULL	NUMBER	Line identifier
FAMILY_ITEM_ID	NULL	NUMBER	Product Family item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DEMAND_TYPE	NOT NULL	NUMBER	Type of demand. Options include Forecast, MPS or MDS.
DEMAND_CODE	NULL	VARCHAR2(30)	Name of the Forecast, MDS or MPS
START_DATE	NOT NULL	DATE	Beginning date used in the Mixed Model Map generation
END_DATE	NOT NULL	DATE	End date used in the Mixed Model Map generation
DEMAND_DAYS	NOT NULL	NUMBER	Number of working days available
HOURS_PER_DAY	NOT NULL	NUMBER	Number of hours available per day
BOOST_PERCENT	NULL	NUMBER	Boost percentage
PROCESS_OR_LINEOP	NOT NULL	NUMBER	Option to view either processes or line operations. One represents Process and two represents Line Operation.
SORT_ORDER	NOT NULL	NUMBER	Option to order processes or line operations. One represents By Display Sequence and two represents By Code.
TIME_TYPE	NOT NULL	NUMBER	Option which determines what Labor, Machine, and Total Times to pick up from the flow routing. One represents Rolled-Up Time and two represents User Entered.
IPK_VALUE	NOT NULL	NUMBER	Option which determines how IPKs needed is calculated. One represents Total and two represents By Machine.
TIME_UOM	NOT NULL	NUMBER	Option which determines what unit of measure to display the time values in. One represents Hour, two represents Minute, and three represents Second.
SAVE_FLAG	NOT NULL	NUMBER	Determines whether header is saved to the database. One represents Yes and two represents No.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_MIXED_MODEL_MAP_HEADER_U1	UNIQUE	2	MIXED_MODEL_MAP_ID
BOM_MIXED_MODEL_MAP_HEADER_U2	UNIQUE	4	LINE_ID
		8	FAMILY_ITEM_ID
		10	ORGANIZATION_ID
		12	PROCESS_OR_LINEOP

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_MIXED_MODEL_MAP_PROCESSES

BOM_MIXED_MODEL_MAP_PROCESSES contains processes or line operations and summary information for mixed model maps.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_MIXED_MODEL_MAP_HEADER	MIXED_MODEL_MAP_ID	MIXED_MODEL_MAP_ID
BOM_STANDARD_OPERATIONS	OPERATION_CODE	OPERATION_CODE

Column Descriptions

Name	Null?	Type	Description
MIXED_MODEL_MAP_ID (PK)	NOT NULL	NUMBER	Mixed Model Map identifier
GROUP_NUMBER (PK)	NOT NULL	NUMBER	Processes in a Mixed Model Map are grouped together in sets of 5. This group number represents in which set the process exists.
SEQUENCE_ID (PK)	NOT NULL	NUMBER	Specifies whether process is displayed in position 1, 2, 3, 4 or 5 within the group
OPERATION_CODE	NOT NULL	VARCHAR2(4)	Either the Process or Line Op name
MACHINE_WEIGHTED_TIME	NULL	NUMBER	Weighted machine time for a process
LABOR_WEIGHTED_TIME	NULL	NUMBER	Weighted labor time for a process
TOTAL_WEIGHTED_TIME	NULL	NUMBER	Weighted total time for a process
MACHINES_NEEDED	NULL	NUMBER	Number of machines needed in a process
MACHINES_ASSIGNED	NULL	NUMBER	Number of machines assigned to a process
MACHINES_NEEDED_DELTA	NULL	NUMBER	The difference between the Machines Needed for the current map and the baseline map
LABOR_NEEDED	NULL	NUMBER	Number of labor resources needed
LABOR_ASSIGNED	NULL	NUMBER	Number of labor resources assigned
LABOR_NEEDED_DELTA	NULL	NUMBER	The change between the labor needed for the current map and the baseline map
TAKT_TIME	NULL	NUMBER	Calculated time for a process or line operation
TAKT_TIME_FOR_ASSIGNED	NULL	NUMBER	Time calculated from assigned machines or labor for a process or line operation
IN_PROCESS_KANBAN	NULL	NUMBER	IPKs needed for a process
IN_PROCESS_KANBAN_DELTA	NULL	NUMBER	The change between the IPKs needed in the current map and the baseline map
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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_MIXED_MODEL_MAP_U1	UNIQUE	2	MIXED_MODEL_MAP_ID
		4	GROUP_NUMBER
		6	SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OPERATIONAL_ROUTINGS

BOM_OPERATIONAL_ROUTINGS stores information about manufacturing and engineering routings.

If a routing shares its operation steps with another routing in the same organization, COMMON_ROUTING_SEQUENCE_ID is a reference to that common routing This is a mandatory column that equals ROUTING_SEQUENCE_ID if there is no common reference If the routing references a common routing, Oracle Bills of Materials populates the INVENTORY_ITEM_ID of the common into COMMON_ASSEMBLY_ITEM_ID

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_ALTERNATE_DESIGNATORS	ALTERNATE_DESIGNATOR_CODE ORGANIZATION_ID	ALTERNATE_ROUTING_DESIGNATOR ORGANIZATION_ID
BOM_OPERATIONAL_ROUTINGS	ROUTING_SEQUENCE_ID	COMMON_ROUTING_SEQUENCE_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	COMPLETION_LOCATOR_ID ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID COMPLETION_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID ASSEMBLY_ITEM_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID COMMON_ASSEMBLY_ITEM_ID
WIP_LINES	LINE_ID	LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CTP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MIXED_MODEL_MAP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ROUTING_TYPE	BOM_NO_YES	MFG_LOOKUPS
	1	No
	2	Yes

Column Descriptions

Name	Null?	Type	Description
ROUTING_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing unique identifier
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier of manufactured assembly
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ROUTING_TYPE	NOT NULL	NUMBER	Routing type: 2=Engineering routing 1=Manufacturing routing
COMMON_ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of common assembly
COMMON_ROUTING_SEQUENCE_ID	NOT NULL	NUMBER	Routing identifier of common routing
ROUTING_COMMENT	NULL	VARCHAR2(240)	Specific comment about routing
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory for assembly
COMPLETION_LOCATOR_ID	NULL	NUMBER	Destination location for assembly
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
LINE_ID	NULL	NUMBER	Unique identifier from WIP Lines used in Flow Manufacturing
CFM_ROUTING_FLAG	NULL	NUMBER	Continous flow or traditional routing
MIXED_MODEL_MAP_FLAG	NULL	NUMBER	Use this routing in Mixed Model Map calculation
PRIORITY	NULL	NUMBER	For information only
TOTAL_PRODUCT_CYCLE_TIME	NULL	NUMBER	Total time that an assembly takes along the primary path in the operation network, calculated by Flow Manufacturing
CTP_FLAG	NULL	NUMBER	Flag indicating capacity must be checked when item is ordered
PROJECT_ID	NULL	NUMBER	Project identifier for Project Manufacturing
TASK_ID	NULL	NUMBER	Task identifier for Project Manufacturing
PENDING_FROM_ECN	NULL	VARCHAR2(10)	Pending From Ecn
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original System Reference

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_OPERATIONAL_ROUTINGS_N1	NOT UNIQUE	1	COMMON_ROUTING_SEQUENCE_ID
BOM_OPERATIONAL_ROUTINGS_N2	NOT UNIQUE	1	LINE_ID
		2	ORGANIZATION_ID
		3	CTP_FLAG
BOM_OPERATIONAL_ROUTINGS_U1	UNIQUE	1	ROUTING_SEQUENCE_ID
BOM_OPERATIONAL_ROUTINGS_U2	UNIQUE	1	ASSEMBLY_ITEM_ID
		2	ORGANIZATION_ID
		3	ALTERNATE_ROUTING_DESIGNATOR

Sequences

Sequence	Derived Column
BOM_OPERATIONAL_ROUTINGS_S	ROUTING_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OPERATION_NETWORKS

BOM_OPERATION_NETWORKS stores information about routing networks. The routing network is defined for processes or line operations. Each row in this table represents the connection between two processes or line operations. The column TRANSITION_TYPE stores the type of connection between two processes or line operations. The connection type can be Primary, Alternate, or Rework. The column PLANNING_PCT stores the planning percent for a connection.

This table is populated by the Flow Routings window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	FROM_OP_SEQ_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	TO_OP_SEQ_ID

Column Descriptions

Name	Null?	Type	Description
FROM_OP_SEQ_ID (PK)	NOT NULL	NUMBER	From routing operation identifier
TO_OP_SEQ_ID (PK)	NOT NULL	NUMBER	To routing operation identifier
TRANSITION_TYPE	NULL	NUMBER	Primary, Alternate or Rework connection
PLANNING_PCT	NULL	NUMBER	Planning Percentage
EFFECTIVITY_DATE	NULL	DATE	Effective Date
DISABLE_DATE	NULL	DATE	Disable Date
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_OPERATION_NETWORKS_U1	UNIQUE	1	FROM_OP_SEQ_ID
		2	TO_OP_SEQ_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OPERATION_RESOURCES

BOM_OPERATION_RESOURCES stores information about resources that you require to complete operations on routings. You may assign multiple resources or assign the same resource multiple times at any operation.

The manufacturing lead time process calculates RESOURCE_OFFSET_PERCENT. You may override the value in the Define Routing window. CRP will use this value to calculate resource availability. If you re–run the manufacturing lead time process, it will recalculate and update RESOURCE_OFFSET_PERCENT for scheduling.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENT_RESOURCES	RESOURCE_ID	RESOURCE_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
BOM_RESOURCE_SETUPS	SETUP_ID RESOURCE_ID	SETUP_ID RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
SCHEDULE_FLAG	BOM_RESOURCE_SCHEDULE_TYPE	MFG_LOOKUPS
	1	Yes
	2	No
	3	Prior
	4	Next
STANDARD_RATE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing operation unique identifier
RESOURCE_SEQ_NUM (PK)	NOT NULL	NUMBER	Resource sequence number
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ACTIVITY_ID	NULL	NUMBER	Activity identifier
STANDARD_RATE_FLAG	NOT NULL	NUMBER	Use standard rate for shopfloor transactions
ASSIGNED_UNITS	NOT NULL	NUMBER	Resource units assigned
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Resource usage rate
USAGE_RATE_OR_AMOUNT_INVERSE	NOT NULL	NUMBER	Resource usage rate inverse
BASIS_TYPE	NOT NULL	NUMBER	Basis type identifier
SCHEDULE_FLAG	NOT NULL	NUMBER	Schedule the resource
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
RESOURCE_OFFSET_PERCENT	NULL	NUMBER	Resource offset percent from the start of the routing
AUTOCHARGE_TYPE	NOT NULL	NUMBER	Autocharge type for shopfloor moves
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
SCHEDULE_SEQ_NUM	NULL	NUMBER	Scheduling sequence number
SUBSTITUTE_GROUP_NUM	NULL	NUMBER	Substitute group number
PRINCIPLE_FLAG	NULL	NUMBER	Principle Flag
SETUP_ID	NULL	NUMBER	Setup Type unque identifier
CHANGE_NOTICE	NULL	VARCHAR2(10)	Change Notice
ACD_TYPE	NULL	NUMBER	Acd Type
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original System Reference

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_OPERATION_RESOURCES_N1	NOT UNIQUE	1	RESOURCE_ID
BOM_OPERATION_RESOURCES_U2	UNIQUE	1	OPERATION_SEQUENCE_ID
		2	RESOURCE_SEQ_NUM
		4	ACD_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OPERATION_RESOURCES_EFC

BOM_OPERATION_RESOURCES_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table BOM_OPERATION_RESOURCES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Resource usage rate
OPERATION_SEQUENCE_ID	NOT NULL	NUMBER	Sequence indicator
USAGE_RATE_OR_AMOUNT_INVERSE	NOT NULL	NUMBER	Inverse resource usage rate
RESOURCE_SEQ_NUM	NOT NULL	NUMBER	Resource Sequence Number
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OPERATION_SEQUENCES

BOM_OPERATION_SEQUENCES stores information about routing operations. You may define multiple operations for a routing. You must specify the department in which every operation will occur.

Oracle Bills of Material stores the STANDARD_OPERATION_ID if you use a standard operation to define your operation.

You cannot have overlapping effective dates for the same operation. The Define Routing window will prevent you from doing that. For example, you cannot define operations as follows:

```
Op  Effective Disable
Seq Date      Date
--- --------- ---------
10  10-SEP-93 10-DEC-93
10  20-OCT-93
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_OPERATIONAL_ROUTINGS	ROUTING_SEQUENCE_ID	ROUTING_SEQUENCE_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	PROCESS_OP_SEQ_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	LINE_OP_SEQ_ID
BOM_STANDARD_OPERATIONS	STANDARD_OPERATION_ID	STANDARD_OPERATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKFLUSH_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
COUNT_POINT_TYPE	BOM_COUNT_POINT_TYPE	MFG_LOOKUPS
	1	Yes – autocharge
	2	No – autocharge
	3	No – direct charge
OPTION_DEPENDENT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REFERENCE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing operation unique identifier
ROUTING_SEQUENCE_ID	NOT NULL	NUMBER	Routing unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
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
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation unique identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Indicates the amount of overlap its lead time has with the parent's lead time
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NOT NULL	NUMBER	Count point
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Description of operation
EFFECTIVITY_DATE	NOT NULL	DATE	Date operation is effective
DISABLE_DATE	NULL	DATE	Date operation is no longer effective – effectivity lasts until the end of the disable date
BACKFLUSH_FLAG	NOT NULL	NUMBER	Indicates whether operation requires backflushing
OPTION_DEPENDENT_FLAG	NOT NULL	NUMBER	Indicates whether to use this operation in all configuration routings, even if no components of the configuration are used in this operation
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
OPERATION_TYPE	NULL	NUMBER	Process, Line Operation or Event
REFERENCE_FLAG	NULL	NUMBER	If the Standard Operation is referenced or copied then the operation can not be updated.
PROCESS_OP_SEQ_ID	NULL	NUMBER	Operation sequence identifier of parent process (applies only to events)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_OP_SEQ_ID	NULL	NUMBER	Operation sequence identifier of the parent line operation – only applies to events
YIELD	NULL	NUMBER	Process yield at this operation
CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from begining of routing to this operation
REVERSE_CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from end of routing to comparable operation
LABOR_TIME_CALC	NULL	NUMBER	System calculated run time attributable to labor
MACHINE_TIME_CALC	NULL	NUMBER	System calculated run time attributable to machines
TOTAL_TIME_CALC	NULL	NUMBER	System calculated run time attributable to both labor and machines
LABOR_TIME_USER	NULL	NUMBER	User calculated run time attributable to labor
MACHINE_TIME_USER	NULL	NUMBER	User calculated run time attributable to machines
TOTAL_TIME_USER	NULL	NUMBER	User calculated run time attributable to both labor and machines
NET_PLANNING_PERCENT	NULL	NUMBER	Cumulative planning percents derived from the operation network
X_COORDINATE	NULL	NUMBER	X coordinate of the operation
Y_COORDINATE	NULL	NUMBER	Y coordinate of the operation
INCLUDE_IN_ROLLUP	NULL	NUMBER	Indicates whether operation yield is to be considered in cost rollup
OPERATION_YIELD_ENABLED	NULL	NUMBER	Indicates whether operation yield is to be considered during costing.
OLD_OPERATION_SEQUENCE_ID	NULL	NUMBER	Old Operation Sequence Id
ACD_TYPE	NULL	NUMBER	Acd Type
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Revised Item Sequence Id
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original System Reference
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change notice code (not currently used)
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change will be implemented (no longer used)
ECO_FOR_PRODUCTION	NULL	NUMBER	Indicates if this operation on an Engineering Change Order is only for WIP jobs

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_OPERATION_SEQUENCES_U1	UNIQUE	1	OPERATION_SEQUENCE_ID
BOM_OPERATION_SEQUENCES_U2	UNIQUE	1	ROUTING_SEQUENCE_ID
		3	OPERATION_TYPE
		4	OPERATION_SEQ_NUM
		5	EFFECTIVITY_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
BOM_OPERATION_SEQUENCES_S	OPERATION_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OP_RESOURCES_ARCHIVE

Used by the Delete Group program to archive deleted operation resources. This only contains rows deleted as a result of a cascade delete on operations.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
SCHEDULE_FLAG	BOM_RESOURCE_SCHEDULE_TYPE	MFG_LOOKUPS
	1	Yes
	2	No
	3	Prior
	4	Next
STANDARD_RATE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing operation unique identifier
RESOURCE_SEQ_NUM (PK)	NOT NULL	NUMBER	Resource sequence number
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
ACTIVITY_ID	NULL	NUMBER	Activity identifier
STANDARD_RATE_FLAG	NOT NULL	NUMBER	Use standard rate for shopfloor transactions
ASSIGNED_UNITS	NOT NULL	NUMBER	Resource units assigned
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Resource usage rate
USAGE_RATE_OR_AMOUNT_INVERSE	NOT NULL	NUMBER	Resource usage rate inverse
BASIS_TYPE	NOT NULL	NUMBER	Basis type identifier
SCHEDULE_FLAG	NOT NULL	NUMBER	Schedule the resource
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
RESOURCE_OFFSET_PERCENT	NULL	NUMBER	Resource offset percent from the start of the routing
AUTOCHARGE_TYPE	NOT NULL	NUMBER	Autocharge type for shopfloor moves
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OP_RESOURCES_INTERFACE

BOM_OP_RESOURCES_INTERFACE temporarily stores information about resources that you require to complete operations on routings. This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Bills of Material will derive column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION_CODE and Oracle Bills of Material will fill in the corresponding ORGANIZATION_ID for you.

Also, you can enter ROUTING_SEQUENCE_ID, OPERATION_SEQ_NUM, and EFFECTIVITY_DATE instead of OPERATION_SEQUENCE_ID. Oracle Bills of Material will fill in the corresponding OPERATION_SEQUENCE_ID.

In addition, you can enter ASSEMBLY_ITEM_ID, ORGANIZATION_ID and ALTERNATE_ROUTING_DESIGNATOR instead of ROUTING_SEQUENCE_ID. Oracle Bills of Material will fill in the corresponding ROUTING_SEQUENCE_ID.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded
SCHEDULE_FLAG	BOM_RESOURCE_SCHEDULE_TYPE	MFG_LOOKUPS
	1	Yes
	2	No
	3	Prior
	4	Next
STANDARD_RATE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	No

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID	NULL	NUMBER	Routing operation unique identifier
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
RESOURCE_ID	NULL	NUMBER	Resource unique identifier
ACTIVITY_ID	NULL	NUMBER	Activity identifier
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shop floor transactions
ASSIGNED_UNITS	NULL	NUMBER	Resource units assigned
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Resource usage rate
USAGE_RATE_OR_AMOUNT_INVERSE	NULL	NUMBER	Resource usage rate inverse
BASIS_TYPE	NULL	NUMBER	Basis type identifier
SCHEDULE_FLAG	NULL	NUMBER	Schedule the resource
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
RESOURCE_OFFSET_PERCENT	NULL	NUMBER	Resource offset percent from the start of the routing
AUTOCHARGE_TYPE	NULL	NUMBER	Autocharge type for shop floor moves
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
ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of manufactured assembly
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
EFFECTIVITY_DATE	NULL	DATE	Effective date
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing unique identifier
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ASSEMBLY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
RESOURCE_CODE	NULL	VARCHAR2(10)	Resource name
ACTIVITY	NULL	VARCHAR2(10)	Activity name
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Create, Update, or Delete
NEW_RESOURCE_SEQ_NUM	NULL	NUMBER	New resource sequence number. This column was added to facilitate updates because it's part of the primary key.

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_OP_RESOURCES_INTERFACE_N1	NOT UNIQUE	1	OPERATION_SEQUENCE_ID
		2	RESOURCE_SEQ_NUM
BOM_OP_RESOURCES_INTERFACE_N2	NOT UNIQUE	1	ASSEMBLY_ITEM_ID
		2	ORGANIZATION_ID
		3	ALTERNATE_ROUTING_DESIGNATOR
BOM_OP_RESOURCES_INTERFACE_N3	NOT UNIQUE	1	TRANSACTION_ID
BOM_OP_RESOURCES_INTERFACE_N4	NOT UNIQUE	2	ASSEMBLY_ITEM_NUMBER
		4	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OP_RESOURCES_VIEW

The BOM_OP_RESOURCES_VIEW contains information about resources used on routings.

BOM_OP_RESOURCES_VIEW resolves the foreign key information of BOM_OPERATION_RESOURCES from MFG_LOOKUPS, MTL_ITEM_FLEXFIELDS, BOM_OPERATION_SEQUENCES, CST_ACTIVITIES, BOM_OPERATIONAL_ROUTINGS, BOM_DEPARTMENTS, and BOM_RESOURCES.

View Definition

```
    CREATE VIEW BOM_OP_RESOURCES_VIEW
      as SELECT
         /* ordered */
         r.organization_id,
         rtg.routing_type,
         rtg.alternate_routing_designator,
         flex.item_id,
         nvl(rtg.common_assembly_item_id, rtg.assembly_item_id),
         flex.item_number,
         flex.padded_item_number,
         flex.description,
         d.department_code,
         os.operation_seq_num,
         os.operation_description,
         os.effectivity_date,
         os.disable_date,
         r.resource_code,
         ors.resource_seq_num,
         act.activity,
         lu1.meaning,
         lu2.meaning,
         ors.assigned_units,
         ors.usage_rate_or_amount,
         ors.usage_rate_or_amount_inverse,
         lu3.meaning,
         lu4.meaning,
         ors.resource_offset_percent,
         ors.attribute_category,
         ors.attribute1,
         ors.attribute2,
         ors.attribute3,
         ors.attribute4,
         ors.attribute5,
         ors.attribute6,
         ors.attribute7,
         ors.attribute8,
         ors.attribute9,
         ors.attribute10,
         ors.attribute11,
         ors.attribute12,
         ors.attribute13,
         ors.attribute14,
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

```
      ors.attribute15
      FROM MFG_LOOKUPS LU1
           , MFG_LOOKUPS LU2
           , MFG_LOOKUPS LU3
           , MFG_LOOKUPS LU4
           , CST_ACTIVITIES ACT
           , MTL_ITEM_FLEXFIELDS FLEX
           , BOM_OPERATIONAL_ROUTINGS RTG
           , BOM_DEPARTMENTS D
           , BOM_OPERATION_SEQUENCES OS
           , BOM_RESOURCES R
           , BOM_OPERATION_RESOURCES ORS
     WHERE
     R.RESOURCE_ID = ORS.RESOURCE_ID AND
     ORS.OPERATION_SEQUENCE_ID = OS.OPERATION_SEQUENCE_ID AND
     OS.DEPARTMENT_ID = D.DEPARTMENT_ID AND
     OS.ROUTING_SEQUENCE_ID = RTG.COMMON_ROUTING_SEQUENCE_ID AND
     RTG.ASSEMBLY_ITEM_ID = FLEX.ITEM_ID AND
     RTG.ORGANIZATION_ID = FLEX.ORGANIZATION_ID AND
     ORS.ACTIVITY_ID = ACT.ACTIVITY_ID(+) AND
     (LU1.LOOKUP_TYPE = 'BOM_AUTOCHARGE_TYPE' AND
     LU1.LOOKUP_CODE = ORS.AUTOCHARGE_TYPE) AND
     (LU2.LOOKUP_TYPE = 'SYS_YES_NO' AND
     LU2.LOOKUP_CODE = ORS.STANDARD_RATE_FLAG) AND
     (LU3.LOOKUP_TYPE = 'CST_BASIS' AND
     LU3.LOOKUP_CODE = ORS.BASIS_TYPE) AND
     (LU4.LOOKUP_TYPE = 'BOM_RESOURCE_SCHEDULE_TYPE' AND
     LU4.LOOKUP_CODE = ORS.SCHEDULE_FLAG)
```

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ROUTING_TYPE	NOT NULL	NUMBER	Indicates if routing is engineering or manufacturing
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Assembly item identifier
COMMON_ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier of the common assembly
ITEM_NUMBER	NOT NULL	VARCHAR2(255)	Concatenated item flex segments
PADDED_ITEM_NUMBER	NOT NULL	VARCHAR2(255)	Padded concatenated item flex segments
DESCRIPTION	NULL	VARCHAR2(240)	Description
DEPARTMENT_CODE	NOT NULL	VARCHAR2(10)	Department
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Operation description
EFFECTIVITY_DATE	NOT NULL	DATE	Effective date
DISABLE_DATE	NULL	DATE	Disable date
RESOURCE_CODE	NOT NULL	VARCHAR2(10)	Resource
RESOURCE_SEQ_NUM	NOT NULL	NUMBER	Resource sequence number
ACTIVITY	NOT NULL	VARCHAR2(10)	Activity for which resource is used
AUTOCHARGE	NOT NULL	VARCHAR2(80)	Autocharge type for shopfloor transactions
STANDARD_RATE	NOT NULL	VARCHAR2(80)	Use standard rate for costing
ASSIGNED_UNITS	NOT NULL	NUMBER	Resource units assigned
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Usage rate

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
USAGE_RATE_OR_AMOUNT_INVERSE	NOT NULL	NUMBER	Usage rate inverse
BASIS	NOT NULL	VARCHAR2(80)	Indicates whether resources are used per item or per lot
SCHEDULE_FLAG	NOT NULL	VARCHAR2(80)	Indicates how resource is scheduled
RESOURCE_OFFSET_PERCENT	NULL	NUMBER	Lead time offset percent
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OP_ROUTINGS_ARCHIVE

Used by Delete Groups program to archive deleted routings.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CFM_ROUTING_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MIXED_MODEL_MAP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ROUTING_TYPE	BOM_NO_YES	MFG_LOOKUPS
	1	No
	2	Yes

Column Descriptions

Name	Null?	Type	Description
ROUTING_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing unique identifier
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier of manufactured assembly
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
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
ROUTING_TYPE	NOT NULL	NUMBER	Routing Type: 2=Engineering routing 1=Manufacturing routing
COMMON_ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of common assembly
COMMON_ROUTING_SEQUENCE_ID	NOT NULL	NUMBER	Routing identifier of common routing
ROUTING_COMMENT	NULL	VARCHAR2(240)	Specific comment about routing
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory for assembly
COMPLETION_LOCATOR_ID	NULL	NUMBER	Destination location for assembly
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
LINE_ID	NULL	NUMBER	Unique identifier from WIP Lines used in Flow Manufacturing
CFM_ROUTING_FLAG	NULL	NUMBER	Continous flow or traditional routing
MIXED_MODEL_MAP_FLAG	NULL	NUMBER	Use this routing in Mixed Model Map calculations
PRIORITY	NULL	NUMBER	For information only
TOTAL_PRODUCT_CYCLE_TIME	NULL	NUMBER	Total time that an assembly takes along the primary path in the operation network calculated by Flow Manufacturing
CTP_FLAG	NULL	NUMBER	Flag indicating capacity must be checked when item is ordered
PROJECT_ID	NULL	NUMBER	Project identifier for Project Manufacturing
TASK_ID	NULL	NUMBER	Task identifier for Project Manufacturing

Sequences

Sequence	Derived Column
BOM_OPERATIONAL_ROUTINGS_S	ROUTING_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OP_ROUTINGS_INTERFACE

BOM_OP_ROUTINGS_INTERFACE temporarily stores information about manufacturing and engineering routings. This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Bills of Material will derive column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION_CODE and Oracle Bills of Material will fill in the corresponding ORGANIZATION_ID for you.

Also, if you enter PROCESS_REVISION, Oracle Bills of Material will insert a record into MTL_RTG_ITEM_REVISIONS for your routing item.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CFM_ROUTING_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MIXED_MODEL_MAP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded
ROUTING_TYPE	BOM_NO_YES	MFG_LOOKUPS
	1	No
	2	Yes

Column Descriptions

Name	Null?	Type	Description
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing unique identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier for manufactured assembly
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ROUTING_TYPE	NULL	NUMBER	Routing type: 2=Engineering routing 1=Manufacturing routing
COMMON_ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier for common assembly
COMMON_ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing unique identifier of common routing

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ROUTING_COMMENT	NULL	VARCHAR2(240)	Specific comment about routing
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory for assembly
COMPLETION_LOCATOR_ID	NULL	NUMBER	Destination location for assembly
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
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Demand source line – used for ATO
SET_ID	NULL	VARCHAR2(10)	Set identifier – used for ATO
PROCESS_REVISION	NULL	VARCHAR2(3)	Routing revision
DEMAND_SOURCE_TYPE	NULL	NUMBER	Demand source type – used for ATO
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Demand source header identifier – used for ATO
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
ASSEMBLY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
COMMON_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of the common routing
LOCATION_NAME	NULL	VARCHAR2(81)	Concatenated location segments
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Insert, Update or Delete Routing
LINE_ID	NULL	NUMBER	Unique identifier from WIP Lines used in Flow Manufacturing
LINE_CODE	NULL	VARCHAR2(10)	Name of WIP Line
MIXED_MODEL_MAP_FLAG	NULL	NUMBER	Use this routing in mixed model map calculation
PRIORITY	NULL	NUMBER	For information only
CFM_ROUTING_FLAG	NULL	NUMBER	Continous flow or traditional routing
TOTAL_PRODUCT_CYCLE_TIME	NULL	NUMBER	Total time that an assembly takes along the primary path in the operation network calculated by Flow Manufacturing

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CTP_FLAG	NULL	NUMBER	Flag indicating capacity must be checked when item is ordered

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_OP_ROUTINGS_INTERFACE_N1	NOT UNIQUE	1	ROUTING_SEQUENCE_ID
BOM_OP_ROUTINGS_INTERFACE_N2	NOT UNIQUE	1	COMMON_ROUTING_SEQUENCE_ID
BOM_OP_ROUTINGS_INTERFACE_N3	NOT UNIQUE	1	ASSEMBLY_ITEM_ID
		2	ORGANIZATION_ID
		3	ALTERNATE_ROUTING_DESIGNATOR
BOM_OP_ROUTINGS_INTERFACE_N4	NOT UNIQUE	1	SET_ID
BOM_OP_ROUTINGS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OP_SEQUENCES_ARCHIVE

Used by the Delete Group program to archive deleted operations.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKFLUSH_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
COUNT_POINT_TYPE	BOM_COUNT_POINT_TYPE	MFG_LOOKUPS
	1	Yes – autocharge
	2	No – autocharge
	3	No – direct charge
OPTION_DEPENDENT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REFERENCE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Routing operation unique identifier
ROUTING_SEQUENCE_ID	NOT NULL	NUMBER	Routing unique identifier
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number
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
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation unique identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Indicates the amount of overlap its lead time has with the parent's lead time
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NOT NULL	NUMBER	Count point
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Description of operation
EFFECTIVITY_DATE	NOT NULL	DATE	Date operation is effective
DISABLE_DATE	NULL	DATE	Date operation is no longer effective – effectivity lasts until the end of the disable date
BACKFLUSH_FLAG	NOT NULL	NUMBER	Indicates whether operation requires backflushing
OPTION_DEPENDENT_FLAG	NOT NULL	NUMBER	Indicates whether to use this operation in all configuration routings, even if no components of the configuration are used in this operation
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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
OPERATION_TYPE	NULL	NUMBER	Process, line operation, or event
REFERENCE_FLAG	NULL	NUMBER	If Standard Operation is referenced, then the operation can not be updated.
PROCESS_OP_SEQ_ID	NULL	NUMBER	Operation sequence id of parent process (applies only to events)
LINE_OP_SEQ_ID	NULL	NUMBER	Operation sequence id of the parent line operation Only applies to events
YIELD	NULL	NUMBER	Process yield at this operation
CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from begining of routing to this operation
REVERSE_CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from end of routing to comparable operation
LABOR_TIME_CALC	NULL	NUMBER	System calculated run time attributable to labor
MACHINE_TIME_CALC	NULL	NUMBER	System calculated run time attributable to machines
TOTAL_TIME_CALC	NULL	NUMBER	System calculated run time attributable to both labor and machines
LABOR_TIME_USER	NULL	NUMBER	User calculated run time attributable to labor
MACHINE_TIME_USER	NULL	NUMBER	User calculated run time attributable to machines
TOTAL_TIME_USER	NULL	NUMBER	User calculated run time attributable to both labor and machines
NET_PLANNING_PERCENT	NULL	NUMBER	Cumulative planning percents derived from the operation network

Sequences

Sequence	Derived Column
BOM_OPERATION_SEQUENCES_S	OPERATION_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_OP_SEQUENCES_INTERFACE

BOM_OP_SEQUENCES_INTERFACE temporarily stores information about routing operations. This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Bills of Material will derive column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION_CODE and Oracle Bills of Material will fill in the corresponding ORGANIZATION_ID for you.

Also, you can enter ASSEMBLY_ITEM_ID, ORGANIZATION_ID and ALTERNATE_ROUTING_DESIGNATOR instead of ROUTING_SEQUENCE_ID. Oracle Bills of Material will fill in the corresponding ROUTING_SEQUENCE_ID.

In addition, you can enter three resources and three instructions for each operation sequence. Oracle Bills of Material will insert these records into the tables, BOM_OPERATION_RESOURCES and BOM_OPERATION_INSTRUCTIONS, respectively.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKFLUSH_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
COUNT_POINT_TYPE	BOM_COUNT_POINT_TYPE	MFG_LOOKUPS
	1	Yes – autocharge
	2	No – autocharge
	3	No – direct charge
OPTION_DEPENDENT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded
REFERENCE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID	NULL	NUMBER	Routing operation unique identifier
ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing unique identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation unique identifier
DEPARTMENT_ID	NULL	NUMBER	Department unique identifier
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Indicates the amount of overlap lead time this has with the parent's lead time
RUN_TIME_OVERLAP_PERCENT	NULL	NUMBER	Not currently used
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NULL	NUMBER	Count point
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Description of operation
EFFECTIVITY_DATE	NULL	DATE	Date operation is effective
CHANGE_NOTICE	NULL	VARCHAR2(10)	Not currently used
IMPLEMENTATION_DATE	NULL	DATE	Not currently used
DISABLE_DATE	NULL	DATE	Date operation is no longer effective – effectivity lasts until the end of the disable date
BACKFLUSH_FLAG	NULL	NUMBER	Indicates whether operation requires backflushing
OPTION_DEPENDENT_FLAG	NULL	NUMBER	Indicates whether to use this operation in all configuration routings, even if no components of the configuration are used in this routing
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
MODEL_OP_SEQ_ID	NULL	NUMBER	Operation sequence identifier from model bill
ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of manufactured assembly
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
ASSEMBLY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Department name
OPERATION_CODE	NULL	VARCHAR2(4)	Standard operation code
RESOURCE_ID1	NULL	NUMBER	First resource identifier
RESOURCE_ID2	NULL	NUMBER	Second resource identifier
RESOURCE_ID3	NULL	NUMBER	Third resource identifier
RESOURCE_CODE1	NULL	VARCHAR2(10)	First resource name
RESOURCE_CODE2	NULL	VARCHAR2(10)	Second resource name
RESOURCE_CODE3	NULL	VARCHAR2(10)	Third resource name
INSTRUCTION_CODE1	NULL	VARCHAR2(10)	First standard instruction code
INSTRUCTION_CODE2	NULL	VARCHAR2(10)	Second standard instruction code
INSTRUCTION_CODE3	NULL	VARCHAR2(10)	Third standard instruction code
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Create, Update or Delete
NEW_OPERATION_SEQ_NUM	NULL	NUMBER	Added to facilitate updates because it’s part of the primary key
NEW_EFFECTIVITY_DATE	NULL	DATE	Added to facilitate updates because it’s part of the primary key
ASSEMBLY_TYPE	NULL	NUMBER	Not used in open interface
OPERATION_TYPE	NULL	NUMBER	Operation Type: process, line operation, or event
REFERENCE_FLAG	NULL	NUMBER	If the Standard Operation is referenced or copied then the operation can not be updated
PROCESS_OP_SEQ_ID	NULL	NUMBER	Operation sequence identifier of parent process (only applies to events)
LINE_OP_SEQ_ID	NULL	NUMBER	Operation sequence identifier of the parent line operation (only applies to events)
YIELD	NULL	NUMBER	Process yield at this operation
CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from begining of routing to this operation
REVERSE_CUMULATIVE_YIELD	NULL	NUMBER	Cumulative process yield from end of routing to comparable operation. For example, if this is the second operation out of 10 operations, the reverse cumulative yield would be the total yield from the tenth down to the ninth operation
LABOR_TIME_CALC	NULL	NUMBER	System calculated run time attributable to labor
MACHINE_TIME_CALC	NULL	NUMBER	System calculated run time attributable to machines
TOTAL_TIME_CALC	NULL	NUMBER	System calculated run time attributable to both labor and machines
LABOR_TIME_USER	NULL	NUMBER	User calculated run time attributable to labor
MACHINE_TIME_USER	NULL	NUMBER	User calculated run time attributable to machines

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TOTAL_TIME_USER	NULL	NUMBER	User calculated run time attributable to both labor and machines
NET_PLANNING_PERCENT	NULL	NUMBER	Cumulative planning percents derived from the operation network
INCLUDE_IN_ROLLUP	NULL	NUMBER	Indicates whether operation yield is to be considered in cost rollup
OPERATION_YIELD_ENABLED	NULL	NUMBER	Indicates whether operation yield is to be considered during costing.

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_OP_SEQUENCES_INTERFACE_N1	NOT UNIQUE	1	OPERATION_SEQUENCE_ID
BOM_OP_SEQUENCES_INTERFACE_N2	NOT UNIQUE	1	ASSEMBLY_ITEM_ID
		2	ORGANIZATION_ID
		3	ALTERNATE_ROUTING_DESIGNATOR
BOM_OP_SEQUENCES_INTERFACE_N3	NOT UNIQUE	1	ROUTING_SEQUENCE_ID
		2	OPERATION_SEQ_NUM
		3	EFFECTIVITY_DATE
BOM_OP_SEQUENCES_INTERFACE_N4	NOT UNIQUE	2	ASSEMBLY_ITEM_NUMBER
		4	ORGANIZATION_ID
BOM_OP_SEQUENCES_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ORG_CAL_DATES_VIEW

This view allows you to retrieve data from BOM_CALENDAR_DATES without knowing the exception set or calendar name for an organization. The view joins with MTL_PARAMETERS and determines the calendar and exception set to which the organization points. Further, joining to BOM_CALENDAR_DATES gets the calendar dates, sequence number, prior sequence num , prior date, next sequence number, and next date.

View Definition

```
CREATE VIEW BOM_ORG_CAL_DATES_VIEW
  as SELECT
     mtl.organization_id,
     bom.calendar_date,
     bom.seq_num,
     bom.prior_seq_num,
     bom.prior_date,
     bom.next_seq_num,
     bom.next_date
     FROM BOM_CALENDAR_DATES BOM
          , MTL_PARAMETERS MTL
   where mtl.calendar_code = bom.calendar_code
   and mtl.calendar_exception_set_id = bom.exception_set_id
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDAR_DATES	CALENDAR_DATE	CALENDAR_DATE
	SEQ_NUM	SEQ_NUM
	PRIOR_SEQ_NUM	PRIOR_SEQ_NUM
	PRIOR_DATE	PRIOR_DATE
	NEXT_SEQ_NUM	NEXT_SEQ_NUM
	NEXT_DATE	NEXT_DATE
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
CALENDAR_DATE (PK)	NOT NULL	DATE	Calendar date
SEQ_NUM	NULL	NUMBER	Sequence number for working days
PRIOR_SEQ_NUM	NULL	NUMBER	Prior sequence number
PRIOR_DATE	NULL	DATE	Calendar date for prior sequence number
NEXT_SEQ_NUM	NULL	NUMBER	Next sequence number
NEXT_DATE	NULL	DATE	Calendar date for next sequence number

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ORG_CAL_PERIODS_VIEW

You can view period information from this view without knowing the calendar name and the exception set for an organization. This view joins with MTL_PARAMETERS to find which calendar and exception set an organization is pointing to. Further, joining to BOM_PERIOD_START_DATES gets all the information on the period start dates, sequence number, period name, next date and prior date.

View Definition

```
CREATE VIEW BOM_ORG_CAL_PERIODS_VIEW
  as SELECT
     mtl.organization_id,
     bom.period_start_date,
     bom.period_sequence_num,
     bom.period_name,
     bom.next_date,
     bom.prior_date
     FROM BOM_PERIOD_START_DATES BOM
          , MTL_PARAMETERS MTL
   where mtl.calendar_code = bom.calendar_code
   and   mtl.calendar_exception_set_id = bom.exception_set_id
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_PERIOD_START_DATES	PERIOD_START_DATE	PERIOD_START_DATE
	PERIOD_SEQUENCE_NUM	PERIOD_SEQUENCE_NUM
	PERIOD_NAME	PERIOD_NAME
	NEXT_DATE	NEXT_DATE
	PRIOR_DATE	PRIOR_DATE
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
PERIOD_START_DATE (PK)	NOT NULL	DATE	Period start date
PERIOD_SEQUENCE_NUM	NOT NULL	NUMBER	Period sequence number
PERIOD_NAME	NOT NULL	VARCHAR2(3)	Period name
NEXT_DATE	NOT NULL	DATE	Next date
PRIOR_DATE	NOT NULL	DATE	Prior date

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ORG_CAL_WEEKS_VIEW

This view lets you see data from BOM_CAL_WEEK_START_DATES without knowing the calendar and the exception set for any given organization. This view joins with MTL_PARAMETERS and finds the calendar name and exception set an organization is pointing to. Further, joining to BOM_CAL_WEEK_START_DATES gives the week start date, sequence number, next date, and prior date.

View Definition

```
CREATE VIEW BOM_ORG_CAL_WEEKS_VIEW
  as SELECT
     mtl.organization_id,
     bom.week_start_date,
     bom.seq_num,
     bom.next_date,
     bom.prior_date
     FROM BOM_CAL_WEEK_START_DATES BOM
          , MTL_PARAMETERS MTL
   where mtl.calendar_code = bom.calendar_code
   and   mtl.calendar_exception_set_id = bom.exception_set_id
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CAL_WEEK_START_DATES	WEEK_START_DATE	WEEK_START_DATE
	SEQ_NUM	SEQ_NUM
	NEXT_DATE	NEXT_DATE
	PRIOR_DATE	PRIOR_DATE
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
WEEK_START_DATE (PK)	NOT NULL	DATE	Week start date
SEQ_NUM	NOT NULL	NUMBER	Sequence number
NEXT_DATE	NOT NULL	DATE	Next date
PRIOR_DATE	NOT NULL	DATE	Prior date

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_ORG_SHIFT_DATES_VIEW

BOM_ORG_SHIFT_DATES_VIEW allows you to retrieve data from BOM_SHIFT_DATES without knowing the exception set or calendar name for an organization and shift number. This view joins with MTL_PARAMETERS and determines the calendar and exception set to which the organization points. Further, joining to BOM_CALENDAR_DATES gets the calendar dates, sequence number, prior sequence num, prior date, next sequence number, and next date. This view is used in Calendar Define window to show the shift dates for a compiled calendar.

View Definition

```
CREATE VIEW BOM_ORG_SHIFT_DATES_VIEW
  as SELECT
     mtl.organization_id,
     bom.shift_num,
     bom.shift_date,
     bom.seq_num,
     bom.prior_seq_num,
     bom.prior_date,
     bom.next_seq_num,
     bom.next_date
     FROM BOM_SHIFT_DATES BOM
          , MTL_PARAMETERS MTL
   where mtl.calendar_code = bom.calendar_code
   and mtl.calendar_exception_set_id = bom.exception_set_id
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_SHIFT_DATES	SHIFT_NUM	SHIFT_NUM
	SHIFT_DATE	SHIFT_DATE
	SEQ_NUM	SEQ_NUM
	PRIOR_SEQ_NUM	PRIOR_SEQ_NUM
	PRIOR_DATE	PRIOR_DATE
	NEXT_SEQ_NUM	NEXT_SEQ_NUM
	NEXT_DATE	NEXT_DATE
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SHIFT_NUM (PK)	NOT NULL	NUMBER	Shift number
SHIFT_DATE (PK)	NOT NULL	DATE	Calendar date
SEQ_NUM	NULL	NUMBER	Sequence Number
PRIOR_SEQ_NUM	NULL	NUMBER	Sequence number for prior working date
PRIOR_DATE	NULL	DATE	Calendar date for prior sequence number
NEXT_SEQ_NUM	NULL	NUMBER	Sequence number for next working date
NEXT_DATE	NULL	DATE	Calendar date for next sequence number

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_PARAMETERS

BOM_PARAMETERS stores organization specific information used by Oracle Bills of Material. You can use Oracle Bills of Material only if you have a row exisiting in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_STATUS	INVENTORY_ITEM_STATUS_CODE	BOM_DELETE_STATUS_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CONFIG_NUMBER_METHOD_TYPE	BOM_CFG_NUMBER_METHOD	MFG_LOOKUPS
	1	Append sequence number
	2	Replace with sequence number
	3	Replace with order number/ line number

Column Descriptions

Name	Null?	Type	Description
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
MAXIMUM_BOM_LEVEL	NOT NULL	NUMBER	Maximum bill of material levels allowed
CONFIG_SEGMENT_NAME	NULL	VARCHAR2(30)	Item segment to use when creating configuration item numbers
BOM_DELETE_STATUS_CODE	NULL	VARCHAR2(10)	Status code to indicate an item is ready for deletion
CONFIG_NUMBER_METHOD_TYPE	NULL	NUMBER	The method that is used to create configuration item numbers
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment
USE_PHANTOM_ROUTINGS	NOT NULL	NUMBER(1)	
INHERIT_PHANTOM_OP_SEQ	NOT NULL	NUMBER(1)	

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_PERIOD_START_DATES

BOM_PERIOD_START_DATES stores periods between the calendar start date and end dates that the workday calendar program generates. The workday calendar program generates period start dates that depend on the quarterly calendar type you choose for your calendar. For a quarterly calendar type 4–4–5, the first period is the beginning of the first week, second and third period is the end of 4 weeks, fourth is at the end of 5 weeks and so on. Similarly, you can have a 5–4–4 pattern for your calendar. A thirteen period quarterly calendar type has 13 equal periods of 4 weeks each for a year. A regular calendar quarterly calendar type follows a Julian calendar to decide the periods.

Each period start date has a name which can be either 1–13P or JAN–DEC depending on the quarterly calendar type you chose. This table stores next period and prior period. A sequence starting at 1, is assigned to each period.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	EXCEPTION_SET_ID

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
PERIOD_START_DATE (PK)	NOT NULL	DATE	Period start date
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
PERIOD_SEQUENCE_NUM	NULL	NUMBER	Sequence number
PERIOD_NAME	NULL	VARCHAR2(3)	Period Name (depends on quarterly calendar type chosen)
NEXT_DATE	NOT NULL	DATE	Next calendar date corresponding to next sequence number
PRIOR_DATE	NOT NULL	DATE	Prior date corresponding to prior sequence number
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_PERIOD_START_DATES_U1	UNIQUE	1	CALENDAR_CODE
		2	EXCEPTION_SET_ID
		3	PERIOD_START_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_REFERENCE_DESGS_ARCHIVE

Used by Delete Group program to archive reference designators deleted as a result of a cascade delete on components.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable

Column Descriptions

Name	Null?	Type	Description
COMPONENT_REFERENCE_DESIGNATOR (PK)	NOT NULL	VARCHAR2(15)	Component reference designator
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
REF_DESIGNATOR_COMMENT	NULL	VARCHAR2(240)	Reference designator comment
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
COMPONENT_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Component unique identifier
ACD_TYPE (PK)	NULL	NUMBER	Add or delete code from an engineering change order
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_REFERENCE_DESIGNATORS

BOM_REFERENCE_DESIGNATORS stores information about bill of material component reference designators. It is a child table of BOM_INVENTORY_COMPONENTS, and stores reference designators for current components as well as components that are pending on ECOs. Even though the column COMPONENT_REFERENCE_DESIGNATOR has the database length of 15 characters, Oracle Bills of Material and Oracle Engineering only allow you to enter reference designators with a maximum length of 10 characters.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID
ENG_ENGINEERING_CHANGES	CHANGE_NOTICE ORGANIZATION_ID	CHANGE_NOTICE ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable

Column Descriptions

Name		Null?	Type	Description
COMPONENT_REFERENCE_DESIGNATOR	(PK)	NOT NULL	VARCHAR2(15)	Component reference designator
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
REF_DESIGNATOR_COMMENT		NULL	VARCHAR2(240)	Reference designator comment
CHANGE_NOTICE		NULL	VARCHAR2(10)	Engineering change order number
COMPONENT_SEQUENCE_ID	(PK)	NOT NULL	NUMBER	Component unique identifier
ACD_TYPE	(PK)	NULL	NUMBER	Add or delete code from an engineering change order
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original system that data for the current record has come from

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_REFERENCE_DESIGNATORS_N1	NOT UNIQUE	1	COMPONENT_SEQUENCE_ID
BOM_REFERENCE_DESIGNATORS_U1	UNIQUE	1	COMPONENT_SEQUENCE_ID
		2	COMPONENT_REFERENCE_DESIGNATOR
		3	ACD_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_REF_DESGS_INTERFACE

BOM_REF_DESGS_INTERFACE temporarily stores information about bill of material component reference designators. This table is shared by the Bills of Material and Engineering Change Order open interfaces.

This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. The open interfaces will derive column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION_CODE, and the open interfaces will fill in the corresponding ORGANIZATION_ID for you.

Also, you can enter ASSEMBLY_ITEM_ID, ORGANIZATION_ID and ALTERNATE_BOM_DESIGNATOR instead of BILL_SEQUENCE_ID. The open interfaces will fill in the corresponding BILL_SEQUENCE_ID.

In addition, you can enter BILL_SEQUENCE_ID, COMPONENT_ITEM_ID, OPERATION_SEQ_NUM, and EFFECTIVITY_DATE instead of _ COMPONENT_SEQUENCE_ID. The open interfaces will fill in the corresponding COMPONENT_SEQUENCE_ID.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded

Column Descriptions

Name	Null?	Type	Description
COMPONENT_REFERENCE_DESIGNATOR	NULL	VARCHAR2(15)	Component reference designator
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REF_DESIGNATOR_COMMENT	NULL	VARCHAR2(240)	Reference designator comment
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ACD_TYPE	NULL	NUMBER	Add or delete code from an ECO
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
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
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material unique identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of the bill
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
COMPONENT_ITEM_ID	NULL	NUMBER	Component item identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
EFFECTIVITY_DATE	NULL	DATE	Effective date
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
ASSEMBLY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of the bill
COMPONENT_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of the component
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
NEW_DESIGNATOR	NULL	VARCHAR2(10)	Updated value for the old reference designator.
INTERFACE_ENTITY_TYPE	NULL	VARCHAR2(4)	Record used for Bill or ECO Open Interface: BILL, ECO
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Type of action: CREATE, UPDATE or DELETE
BOM_REF_DESGS_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier for linking rows of the same business object
BOM_INVENTORY_COMPS_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier to link rows pertaining to the same business object
ENG_REVISED_ITEMS_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier to link rows pertaining to the same business object
ENG_CHANGES_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier to link rows pertaining to the same business object

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_REF_DESGS_INTERFACE_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	ASSEMBLY_ITEM_ID
		3	ALTERNATE_BOM_DESIGNATOR
BOM_REF_DESGS_INTERFACE_N2	NOT UNIQUE	1	COMPONENT_SEQUENCE_ID
		2	COMPONENT_REFERENCE_DESIGNATOR
BOM_REF_DESGS_INTERFACE_N3	NOT UNIQUE	1	TRANSACTION_ID
BOM_REF_DESGS_INTERFACE_N4	NOT UNIQUE	2	ASSEMBLY_ITEM_NUMBER
		4	ORGANIZATION_ID
		6	BOM_REF_DESGS_IFCE_KEY

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
	5	Overhead
DEFAULT_BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
FUNCTIONAL_CURRENCY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
RESOURCE_TYPE	BOM_RESOURCE_TYPE	MFG_LOOKUPS
	1	Machine
	2	Person
	3	Space

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 shopfloor transaction
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shopfloor 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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.DESCRIPTION,
         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,
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

```
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 shopfloor transaction
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shopfloor 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RESOURCES_EFC

BOM_RESOURCES_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table BOM_RESOURCES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NOT NULL	NUMBER	Resource Identifier
UNIT_OF_MEASURE	NULL	VARCHAR2(3)	Unit Of Measure
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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.DESCRIPTION,
         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,
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

```
  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 shopfloor transaction
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shopfloor 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RESOURCE_CHANGES

BOM_RESOURCE_CHANGES stores information about capacity modifications for a resource on a shift in a department. This table is a child of BOM_RESOURCE_SHIFTS. You can define multiple resource changes for a shift.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCE_SHIFTS	DEPARTMENT_ID RESOURCE_ID SHIFT_NUM	DEPARTMENT_ID RESOURCE_ID SHIFT_NUM
CRP_SIMULATION_SETS	SIMULATION_SET	SIMULATION_SET

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTION_TYPE	BOM_ACTION	MFG_LOOKUPS
	1	Delete work day
	2	Modify capacity
	3	Add work day

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID (PK)	NOT NULL	NUMBER	Department unique identifier
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource unique identifier
SHIFT_NUM (PK)	NOT NULL	NUMBER	Shift number
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
FROM_DATE (PK)	NOT NULL	DATE	Capacity exception from date
TO_DATE (PK)	NULL	DATE	Capacity exception to date
FROM_TIME (PK)	NULL	NUMBER	Capacity exception from time
TO_TIME (PK)	NULL	NUMBER	Capacity exception to time
CAPACITY_CHANGE	NULL	NUMBER	Capacity change
SIMULATION_SET (PK)	NOT NULL	VARCHAR2(10)	Simulation set 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
ACTION_TYPE (PK)	NOT NULL	NUMBER	Type of capacity modification

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_RESOURCE_CHANGES_U1	UNIQUE	1	DEPARTMENT_ID
		2	RESOURCE_ID
		3	SHIFT_NUM
		4	ACTION_TYPE
		5	FROM_DATE
		6	TO_DATE
		7	FROM_TIME
		8	TO_TIME
		9	SIMULATION_SET

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RESOURCE_EMPLOYEES

BOM_RESOURCE_EMPLOYEES stores information about the Employees that are associated with Roles (”Resources” of type ”Person”) for the Warehouse Management System (WMS).

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
PERSON_ID	NOT NULL	NUMBER(10)	Person identifier
EFFECTIVE_START_DATE	NOT NULL	DATE	Effective Start Date
EFFECTIVE_END_DATE	NOT NULL	DATE	Effective End Date
INTERLEAVE	NOT NULL	NUMBER	Interleave
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
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
INSTANCE_ID	NULL	NUMBER	Instance Id

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_RESOURCE_EMPLOYEES_U1	UNIQUE	5	INSTANCE_ID
BOM_RESOURCE_EMPLOYEES_U2	UNIQUE	5	RESOURCE_ID
		10	ORGANIZATION_ID
		15	PERSON_ID
		20	EFFECTIVE_START_DATE
		25	EFFECTIVE_END_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RESOURCE_EQUIPMENTS

BOM_RESOURCE_EQUIPMENTS stores information about the Equipments that are associated with Equipment Type (”Resources” of type ”Machine”) for the Warehouse Management System (WMS).

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item 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
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
INSTANCE_ID	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_RESOURCE_EQUIPMENTS_U1	NOT UNIQUE	5	INSTANCE_ID
BOM_RESOURCE_EQUIPMENTS_U2	UNIQUE	10	RESOURCE_ID
		20	ORGANIZATION_ID
		30	INVENTORY_ITEM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RESOURCE_FLEX_FENCES

In this table you can specify a tolerance percentage by which the present capacity of a particular resource or a line can be increased. You must know in advance the number of days after which that particular resource or line will be needed.

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
RESOURCE_ID	NULL	NUMBER	Unique resource identifier
FENCE_DAYS	NOT NULL	NUMBER	Days included in time fence
TOLERANCE_PERCENTAGE	NULL	NUMBER	Percentage of tolerance beyond time fence
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_RESOURCE_FLEX_FENCES_U1	UNIQUE	0	DEPARTMENT_ID
		2	RESOURCE_ID
		4	FENCE_DAYS

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RESOURCE_SETUPS

BOM_RESOURCE_SETUPS stores resource setup information. You will be able to specify multiple setups for each resource.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
BOM_SETUP_TYPES	SETUP_ID	SETUP_ID

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource unique identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SETUP_ID (PK)	NOT NULL	NUMBER	Setup Type unique 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
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
BOM_RESOURCE_SETUPS_U1	UNIQUE	5	RESOURCE_ID
		10	ORGANIZATION_ID
		15	SETUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RESOURCE_SHIFTS

BOM_RESOURCE_SHIFTS stores information about shifts that you assign to resources. This table is a child of BOM_DEPARTMENT_RESOURCES. You can assign multiple shifts to a resource in a department if the resource is not a 24 hour resource.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDAR_SHIFTS	SHIFT_NUM	SHIFT_NUM
BOM_DEPARTMENT_RESOURCES	DEPARTMENT_ID RESOURCE_ID	DEPARTMENT_ID RESOURCE_ID

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID (PK)	NOT NULL	NUMBER	Department unique identifier
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource unique identifier
SHIFT_NUM (PK)	NOT NULL	NUMBER	Shift number
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
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
CAPACITY_UNITS	NULL	NUMBER	Resource Capacity

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_RESOURCE_SHIFTS_U1	UNIQUE	1	DEPARTMENT_ID
		2	RESOURCE_ID
		3	SHIFT_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RES_INSTANCE_CHANGES

BOM_RES_INSTANCE_CHANGES stores information about capacity modifications for a resource on a resource change. This table is a child of BOM_RESOURCE_CHANGES. You can define multiple resource instance changes for a resource change.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCE_CHANGES	DEPARTMENT_ID	DEPARTMENT_ID
	RESOURCE_ID	RESOURCE_ID
	SHIFT_NUM	SHIFT_NUM
	SIMULATION_SET	SIMULATION_SET
	FROM_DATE	FROM_DATE
	TO_DATE	TO_DATE
	FROM_TIME	FROM_TIME
	TO_TIME	TO_TIME

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INSTANCE_ID	BOM_ACTION	MFG_LOOKUPS
	1	Delete work day
	2	Modify capacity
	3	Add work day

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
SHIFT_NUM	NOT NULL	NUMBER	Shift number
SIMULATION_SET	NOT NULL	VARCHAR2(10)	Simulation set identifier
FROM_DATE	NOT NULL	DATE	Capacity exception from date
FROM_TIME	NULL	NUMBER	Capacity exception from time
TO_DATE	NULL	DATE	Capacity exception to date
TO_TIME	NULL	NUMBER	Capacity exception to time
INSTANCE_ID	NOT NULL	NUMBER	Instance identifier of the department resource
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number of the equipment type resource
ACTION_TYPE	NOT NULL	NUMBER	Type of capacity modification
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CAPACITY_CHANGE	NULL	NUMBER	Capacity change

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_RES_INSTANCE_CHANGES_U1	UNIQUE	10	DEPARTMENT_ID
		20	RESOURCE_ID
		30	SHIFT_NUM
		40	SIMULATION_SET
		50	FROM_DATE
		60	FROM_TIME
		70	TO_DATE
		80	TO_TIME
		90	INSTANCE_ID
		92	SERIAL_NUMBER
		100	ACTION_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_RTG_ITEM_REVISIONS_ARCHIVE

Used by Delete Group program to archive deleted routing revisions. This table only contains rows deleted as a result of a cascade delete on routings.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
PROCESS_REVISION (PK)	NOT NULL	VARCHAR2(3)	Routing revision code
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
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
ECN_INITIATION_DATE	NULL	DATE	ECO initiation date
IMPLEMENTATION_DATE	NULL	DATE	ECO implementation date
IMPLEMENTED_SERIAL_NUMBER	NULL	VARCHAR2(30)	(no longer used)
EFFECTIVITY_DATE	NOT NULL	DATE	Revision effectivity date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SETUP_TRANSITIONS

BOM_SETUP_TRANSITIONS stores setup transition information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCE_SETUPS	RESOURCE_ID ORGANIZATION_ID SETUP_ID	RESOURCE_ID ORGANIZATION_ID FROM_SETUP_ID
BOM_RESOURCE_SETUPS	RESOURCE_ID ORGANIZATION_ID SETUP_ID	RESOURCE_ID ORGANIZATION_ID TO_SETUP_ID

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
FROM_SETUP_ID	NULL	NUMBER	Setup Type unique identifier
TO_SETUP_ID	NOT NULL	NUMBER	Setup Type unique identifier
TRANSITION_TIME	NOT NULL	NUMBER	Transition Time
TRANSITION_UOM	NOT NULL	VARCHAR2(3)	Transition UOM
TRANSITION_PENALTY	NULL	NUMBER	Transition Penalty
OPERATION_ID	NULL	NUMBER	Operation 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
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
BOM_SETUP_TRANSITIONS_U1	UNIQUE	5	RESOURCE_ID
		10	ORGANIZATION_ID
		15	FROM_SETUP_ID
		17	TO_SETUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SETUP_TYPES

BOM_SETUP_TYPES stores setup types information.

Column Descriptions

Name	Null?	Type	Description
SETUP_ID (PK)	NOT NULL	NUMBER	Setup Type unique identifier
SETUP_CODE	NOT NULL	VARCHAR2(10)	Setup code
DESCRIPTION	NULL	VARCHAR2(240)	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
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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_SETUP_TYPES_U1	UNIQUE	15	SETUP_ID
BOM_SETUP_TYPES_U2	NOT UNIQUE	4	ORGANIZATION_ID
		5	SETUP_CODE

Sequences

Sequence	Derived Column
BOM_SETUP_TYPES_S	SETUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SHIFT_DATES

BOM_SHIFT_DATES stores information about compiled data for shift calendars. This table stores every date between the calendar start date and calendar end date for a calendar name and exception set. The workday calendar program assigns a sequence number starting at 1, to each date. The program generates the prior sequence number and next sequence number for every calendar date that is stored in this table. This table stores values for sequence number, prior sequence number and next sequence number for a non–working day. The values for these columns are equal to a working day. The workday calendar program generates a shift calendar for each shift you define for your calendar.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDAR_SHIFTS	CALENDAR_CODE SHIFT_NUM	CALENDAR_CODE SHIFT_NUM
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	EXCEPTION_SET_ID

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
SHIFT_NUM (PK)	NOT NULL	NUMBER	Shift number
SHIFT_DATE (PK)	NOT NULL	DATE	Calendar date
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
SEQ_NUM	NULL	NUMBER	Sequence number for shift date (only for working dates)
NEXT_SEQ_NUM	NOT NULL	NUMBER	Next sequence number for calendar date (working day)
PRIOR_SEQ_NUM	NOT NULL	NUMBER	Prior sequence number for calendar date (working day)
NEXT_DATE	NOT NULL	DATE	Next date corresponding to next sequence number
PRIOR_DATE	NOT NULL	DATE	Prior date corresponding to prior sequence number
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_SHIFT_DATES_U1	UNIQUE	1	CALENDAR_CODE
		2	EXCEPTION_SET_ID
		3	SHIFT_DATE
		4	SHIFT_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SHIFT_EXCEPTIONS

BOM_SHIFT_EXCEPTIONS stores information about exception dates for a calendar name, exception set, and shift. You can define these exception dates to be either working or non–working (EXCEPTION_TYPE 1 for On and 2 for Off). The workday calendar program generates all dates between calendar start date and calendar end date. It then marks the workday pattern on generated dates followed by the base calendar exception dates. Finally, it marks the shift exception dates. This table stores exception dates for the shift calendars, the table BOM_CALENDAR_EXCEPTIONS stores exception dates for the base calendar.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDAR_SHIFTS	CALENDAR_CODE SHIFT_NUM	CALENDAR_CODE SHIFT_NUM
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	EXCEPTION_SET_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EXCEPTION_TYPE	BOM_ON_OFF	MFG_LOOKUPS
	1	On
	2	Off

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
SHIFT_NUM (PK)	NOT NULL	NUMBER	Shift number
EXCEPTION_SET_ID (PK)	NOT NULL	NUMBER	Exception set unique identifier
EXCEPTION_DATE (PK)	NOT NULL	DATE	Exception Date
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
EXCEPTION_TYPE	NOT NULL	NUMBER	Exception type (On and Off)
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_SHIFT_EXCEPTIONS_U1	UNIQUE	1	CALENDAR_CODE
		2	EXCEPTION_SET_ID
		3	SHIFT_NUM
		4	EXCEPTION_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SHIFT_TIMES

BOM_SHIFT_TIMES stores information about shift hours for your shifts. You cannot have overlapping shift hours. You can define shifts that go beyond midnight (24:00).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDAR_SHIFTS	CALENDAR_CODE SHIFT_NUM	CALENDAR_CODE SHIFT_NUM

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
SHIFT_NUM (PK)	NOT NULL	NUMBER	Shift number
FROM_TIME (PK)	NOT NULL	NUMBER	Shift start time
TO_TIME (PK)	NOT NULL	NUMBER	Shift end time
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
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
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
BOM_SHIFT_TIMES_U1	UNIQUE	1	CALENDAR_CODE
		2	SHIFT_NUM
		3	FROM_TIME
		4	TO_TIME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

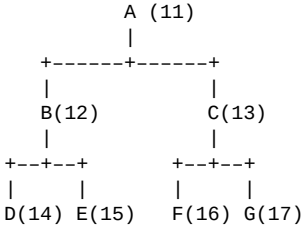
BOM_SMALL_EXPL_TEMP

BOM_SMALL_EXPL_TEMP stores temporary, indented bill of material structures for online processes (Indented Inquiry). The explosion process (BOMPEXPL) populates this table when exploding a single or a range of bills of material.

GROUP_ID identifies all rows generated from an explosion.

TOP_BILL_SEQUENCE_ID is the bill sequence id of the exploded bill.

The explosion process constructs SORT_ORDER that correctly determines the node of the row in the bill structure. You must order the rows by SORT_ORDER to retrieve the correct bill structure. The following information shows an example of how the sort order is determined (inventory_item_ids are in parentheses).



Component	Sort_order
A	001
B	001001
C	001002
D	001001001
E	001001002
F	001002001
G	001002002

When you select and order by SORT_ORDER, you get:

```
A
.B
..D
..E
.C
..F
..G
```

The bill loop check process uses COMPONENT_CODE to detect loops. COMPONENT_CODE stores the concatention of item ids down any

Oracle Proprietary, Confidential Information—Use Restricted by Contract

branch in the indented structure tree. The explosion process left pads the ids with 0s up to 16 characters. For example:

```
Component  Component_code
---------  ----------------------------------------

A          0000000000000011
B          0000000000000011000000000000012
C          0000000000000011000000000000013
D          000000000000001100000000000001200000000000014
E          000000000000001100000000000001200000000000015
F          000000000000001100000000000001300000000000016
G          000000000000001100000000000001300000000000017
```

The explosion and bill loop check processes set the LOOP_FLAG to 1, if a loop is detected in the assembly.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	TOP_BILL_SEQUENCE_ID
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
BOM_BILL_OF_MATERIALS	ORGANIZATION_ID ASSEMBLY_ITEM_ID ALTERNATE_BOM_DESIGNATOR	ORGANIZATION_ID TOP_ITEM_ID TOP_ALTERNATE_DESIGNATOR
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID

Column Descriptions

Name	Null?	Type	Description
TOP_BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill identifier of level 0 items
BILL_SEQUENCE_ID	NOT NULL	NUMBER	Bill of material unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique identifier
COMPONENT_ITEM_ID	NULL	NUMBER	Component item identifier
PLAN_LEVEL	NOT NULL	NUMBER	Level in bill
EXTENDED_QUANTITY	NOT NULL	NUMBER	Extended quantity including quantity per, yield, and shrinkage
SORT_ORDER	NOT NULL	VARCHAR2(240)	Sorting sequence for the explosion
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
GROUP_ID	NULL	NUMBER	Explosion identifier
SESSION_ID	NULL	NUMBER	Session identifier
SELECT_FLAG	NULL	VARCHAR2(1)	Whether this component has been ordered
SELECT_QUANTITY	NULL	NUMBER	Order quantity
EXTEND_COST_FLAG	NULL	NUMBER	Whether to extend cost for this item
TOP_ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator for level 0
TOP_ITEM_ID	NULL	NUMBER	Item identifier of level 0 item

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
HEADER_ID	NULL	NUMBER	System–generated identifier of order header
LINE_ID	NULL	NUMBER	System–generated identifier of order, configuration, or shipment schedule line
LIST_PRICE	NULL	NUMBER	The price of the item on the price list
SELLING_PRICE	NULL	NUMBER	Actual price charged to customer
COMPONENT_YIELD_FACTOR	NULL	NUMBER	Component yield
ITEM_COST	NULL	NUMBER	Item unit cost
INCLUDE_IN_ROLLUP_FLAG	NULL	NUMBER	Flag indicating if component is to be used when rolling up costs
BASED_ON_ROLLUP_FLAG	NULL	NUMBER	Flag indicating whether cost will be rolled up
ACTUAL_COST_TYPE_ID	NULL	NUMBER	Actual cost type identifier
COMPONENT_QUANTITY	NULL	NUMBER	Quantity of component in bill of material
SHRINKAGE_RATE	NULL	NUMBER	Planned shrinkage rate
SO_BASIS	NULL	NUMBER	Quantity basis used by Oracle Order Entry to determine how many units of component to put on an order
OPTIONAL	NULL	NUMBER	Flag indicating if component is optional in bill of material
MUTUALLY_EXCLUSIVE_OPTIONS	NULL	NUMBER	Flag indicating if one or more children of component can be picked when taking an order
CHECK_ATP	NULL	NUMBER	Flag indicating if ATP check is required
SHIPPING_ALLOWED	NULL	NUMBER	Flag indicating if component is allowed to ship
REQUIRED_TO_SHIP	NULL	NUMBER	Flag indicating if component is required to ship
REQUIRED_FOR_REVENUE	NULL	NUMBER	Flag indicating if component is required for revenue
INCLUDE_ON_SHIP_DOCS	NULL	NUMBER	Flag indicating if component is included on shipping documents
INCLUDE_ON_BILL_DOCS	NULL	NUMBER	Flag indicating if component is included on billing documents

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LOW_QUANTITY	NULL	NUMBER	Minimum quantity allowed on an order
HIGH_QUANTITY	NULL	NUMBER	Maximum quantity allowed on an order
PICK_COMPONENTS	NULL	NUMBER	(not currently used)
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code of component
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure of component
BASE_ITEM_ID	NULL	NUMBER	Base item identifier
ATP_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	NULL	VARCHAR2(1)	Flag indicating ATP must be checked when item is ordered
BOM_ITEM_TYPE	NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating all shippable components of should be picked
REPLENISH_TO_ORDER_FLAG	NULL	VARCHAR2(1)	Assemble to order flag
SHIPPABLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating internal order
CUSTOMER_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item can be internally ordered
SO_TRANSACTIONS_FLAG	NULL	VARCHAR2(1)	Sales order transactions flag
MTL_TRANSACTIONS_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is transactable
STOCK_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is stockable
DESCRIPTION	NULL	VARCHAR2(240)	Description
ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier
CONFIGURATOR_FLAG	NULL	VARCHAR2(1)	Flag indicating if component is used by the configurator form
PRICE_LIST_ID	NULL	NUMBER	System–generated identifier of price list
ROUNDING_FACTOR	NULL	NUMBER	Rounding factor used to determine order quantity
PRICING_CONTEXT	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
PRICING_ATTRIBUTE1	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE2	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE3	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE4	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE5	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE6	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PRICING_ATTRIBUTE7	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE8	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE9	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE10	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE11	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE12	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE13	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE14	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
PRICING_ATTRIBUTE15	NULL	VARCHAR2(150)	User defined attribute that adjusts the list price of an item
COMPONENT_CODE	NULL	VARCHAR2(255)	Concatenation of component item identifiers
LOOP_FLAG	NULL	NUMBER	Indicates whether a loop is detected
INVENTORY_ASSET_FLAG	NULL	NUMBER	Flag indicating item is an inventory asset
PLANNING_FACTOR	NULL	NUMBER	Factor used to multiply component quantity with to obtain planning quantity
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
PARENT_BOM_ITEM_TYPE	NULL	NUMBER	Parent item’s bom item type
WIP_SUPPLY_TYPE	NULL	NUMBER	Supply type
ITEM_NUM	NULL	NUMBER	Item sequence within bill of material structure
EFFECTIVITY_DATE	NULL	DATE	Effective date
DISABLE_DATE	NULL	DATE	Disable date
IMPLEMENTATION_DATE	NULL	DATE	Date on which engineering change order was implemented
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory
SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator identifier
COMPONENT_REMARKS	NULL	VARCHAR2(240)	Component remarks
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
OPERATION_LEAD_TIME_PERCENT	NULL	NUMBER	Operation offset from first operation in routing
REXPLODE_FLAG	NULL	NUMBER	Flag indicating whether to re–explode
COMMON_BILL_SEQUENCE_ID	NULL	NUMBER	Common bill of material unique identifier
OPERATION_OFFSET	NULL	NUMBER	Component’s lead time
CURRENT_REVISION	NULL	VARCHAR2(3)	Component’s item revision
LOCATOR	NULL	VARCHAR2(40)	Component’s supply locator
FROM_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Indicates the first unit number of an item to be included

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TO_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Indicates the last unit number of an item to be included

Oracle Proprietary, Confidential Information—Use Restricted by Contract

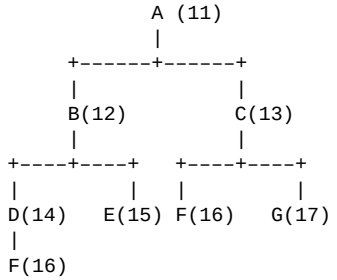
BOM_SMALL_IMPL_TEMP

BOM_SMALL_IMPL_TEMP stores temporary information about where an item is used in a bill of material structure. The item implosion process generates this information by recursively travelling up the bill of material structure. This table is used by the View Item Usage window.

SEQUENCE_ID is the unique identifier for each implosion process.

LOWEST_ITEM_ID is the item that you are imploding.
CURRENT_ITEM_ID is the item id of the current row.
PARENT_ITEM_ID is the item id of the parent of the current item.
LOWEST_ALTERNATE_DESIGNATOR is the alternate of each first level parent of the imploded item.

SORT_CODE stores information about a particular node in the indented structure. You must order the rows by SORT_ORDER to retrieve the correct bill structure. The following example shows how the sort order is determined (inventory_item_ids are in parentheses).



An implosion of item F will generate the following sort orders:

Item	Sort Order
F	001
D	001001
C	001002
B	001001001
A	001002001
A	001001001001

When you select and order by SORT_ORDER, you get:

```
F
.D
..B
...A
.C
..A
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions

Name	Null?	Type	Description
SEQUENCE_ID	NOT NULL	NUMBER	Implosion identifier
LOWEST_ITEM_ID	NOT NULL	NUMBER	Identifier of item to implode
CURRENT_ITEM_ID	NOT NULL	NUMBER	Item identifier of current component
PARENT_ITEM_ID	NULL	NUMBER	Assembly item identifier
ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bom designator
CURRENT_LEVEL	NOT NULL	NUMBER	Implosion level
SORT_CODE	NOT NULL	VARCHAR2(240)	Sort sequence
LOWEST_ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bom designator of level 1 items
CURRENT_ASSEMBLY_TYPE	NULL	NUMBER	Assembly type
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique 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 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
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
EFFECTIVITY_DATE	NULL	DATE	Effective date
DISABLE_DATE	NULL	DATE	Disable date
COMPONENT_QUANTITY	NULL	NUMBER	Component quantity
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Revised item unique identifier
CHANGE_NOTICE	NULL	VARCHAR2(10)	ECO Identifier
IMPLEMENTED_FLAG	NULL	NUMBER	Indicator if component row is implemented or pending
FROM_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Indicates the first unit number to be included
TO_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Indicates the first unit number to be included

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_STANDARD_OPERATIONS

BOM_STANDARD_OPERATIONS stores information about the standard operations, events, processes, and line operations that you define. Events / processes / line operations are for Flow Manufacturing.

You can use these standard operations / events / processes / line operations when you define routing steps to build your assembly. The Define Routing window defaults all data for the standard operation / events / processes / line operation into the routing step.

BOM_OPERATION_SEQUENCES and BOM_STANDARD_OPERATIONS share the descriptive flex definition. Therefore, the Define Routing window will also copy the descriptive flex information into the routing step.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
WIP_LINES	LINE_ID	LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKFLUSH_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
COUNT_POINT_TYPE	BOM_COUNT_POINT_TYPE	MFG_LOOKUPS
	1	Yes – autocharge
	2	No – autocharge
	3	No – direct charge
OPTION_DEPENDENT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
SEQUENCE_NUM	NULL	NUMBER	Operation sequence number, showing the sequences of processes and line operations
LINE_ID (PK)	NULL	NUMBER	WIP line identifier
OPERATION_TYPE (PK)	NULL	NUMBER	Operation Type: 1. Standard Operation/Event 2. Process 3. Line Operation
STANDARD_OPERATION_ID (PK)	NOT NULL	NUMBER	Standard operation unique identifier
OPERATION_CODE	NOT NULL	VARCHAR2(4)	Standard operation code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NULL	NUMBER	Count point
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Specific operation description
OPTION_DEPENDENT_FLAG	NULL	NUMBER	Indicates whether to use this operation in all configuration routings, even if no components of the configuration are used in this operation
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
BACKFLUSH_FLAG	NULL	NUMBER	Backflush at this operation
WMS_TASK_TYPE	NULL	NUMBER	WMS Task Type
OPERATION_YIELD_ENABLED	NULL	NUMBER	Indicates whether operation yield is to be considered during costing
YIELD	NULL	NUMBER	Operation yield for an operation

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_STANDARD_OPERATIONS_N1	NOT UNIQUE	1	ORGANIZATION_ID
BOM_STANDARD_OPERATIONS_U1	UNIQUE	1	OPERATION_CODE
		2	ORGANIZATION_ID
		3	OPERATION_TYPE
		4	LINE_ID
BOM_STANDARD_OPERATIONS_U2	UNIQUE	1	STANDARD_OPERATION_ID

Sequences

Sequence	Derived Column
BOM_STANDARD_OPERATIONS_S	STANDARD_OPERATION_ID

Database Triggers

Oracle Proprietary, Confidential Information—Use Restricted by Contract

```
Trigger Name    : BOM_STANDARD_OPERATIONS_T
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : UPDATE

When you update a  standard operation that  is referenced by routing operations, this trigger
updates all  the corresponding rows that reference routing operations in the
BOM_OPERATION_SEQUENCES table.
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_STANDARD_OPERATIONS_ALL_V

View based on BOM_STANDARD_OPERATIONS table. Main columns include STANDARD_OPERATION_ID, LINE_ID, OPERATION_CODE, OPERATION_TYPE, OPERATION_DESCRIPTION, ORGANIZATION_ID. No records are filtered out.

View Definition

```
    CREATE VIEW BOM_STANDARD_OPERATIONS_ALL_V
      as SELECT
         BSO.SEQUENCE_NUM,
    BSO.LINE_ID,
    BSO.OPERATION_TYPE,
    BSO.STANDARD_OPERATION_ID,
    BSO.OPERATION_CODE,
    BSO.ORGANIZATION_ID,
    BSO.DEPARTMENT_ID,
    BSO.LAST_UPDATE_DATE,
    BSO.LAST_UPDATED_BY,
    BSO.CREATION_DATE,
    BSO.CREATED_BY,
    BSO.LAST_UPDATE_LOGIN,
    BSO.MINIMUM_TRANSFER_QUANTITY,
    BSO.COUNT_POINT_TYPE,
    BSO.OPERATION_DESCRIPTION,
    BSO.OPTION_DEPENDENT_FLAG,
    BSO.ATTRIBUTE_CATEGORY,
    BSO.ATTRIBUTE1,
    BSO.ATTRIBUTE2,
    BSO.ATTRIBUTE3,
    BSO.ATTRIBUTE4,
    BSO.ATTRIBUTE5,
    BSO.ATTRIBUTE6,
    BSO.ATTRIBUTE7,
    BSO.ATTRIBUTE8,
    BSO.ATTRIBUTE9,
    BSO.ATTRIBUTE10,
    BSO.ATTRIBUTE11,
    BSO.ATTRIBUTE12,
    BSO.ATTRIBUTE13,
    BSO.ATTRIBUTE14,
    BSO.ATTRIBUTE15,
    BSO.REQUEST_ID,
    BSO.PROGRAM_APPLICATION_ID,
    BSO.PROGRAM_ID,
    BSO.PROGRAM_UPDATE_DATE,
    BSO.BACKFLUSH_FLAG

         FROM BOM_STANDARD_OPERATIONS BSO
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKFLUSH_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
COUNT_POINT_TYPE	BOM_COUNT_POINT_TYPE	MFG_LOOKUPS
	1	Yes – autocharge
	2	No – autocharge
	3	No – direct charge
OPTION_DEPENDENT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
SEQUENCE_NUM	NULL	NUMBER	Operation sequence number, showing the sequence of processes and line operations
LINE_ID	NULL	NUMBER	Line identifier for Flow Manufacturing operations
OPERATION_TYPE	NULL	NUMBER	Operation Type 1: Standard Operation/Event 2: Process 3: Line Operation
STANDARD_OPERATION_ID	NOT NULL	NUMBER	Standard operation unique identifier
OPERATION_CODE	NOT NULL	VARCHAR2(4)	Standard operation code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique 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
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NULL	NUMBER	Count point
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Specific operation description
OPTION_DEPENDENT_FLAG	NULL	NUMBER	Indicates whether to use this operation in all configuration routings, even if no components of the configuration are used in this operation
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
BACKFLUSH_FLAG	NULL	NUMBER	Backflush at this operation

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_STANDARD_OPERATIONS_VAL_V

This view only shows standard operations with valid departments.

View Definition

```
    CREATE VIEW BOM_STANDARD_OPERATIONS_VAL_V
      as SELECT
           BSO.ROWID ROW_ID
         , BSO.STANDARD_OPERATION_ID
         , BSO.OPERATION_CODE
         , BSO.ORGANIZATION_ID
         , BSO.DEPARTMENT_ID
         , BD.DEPARTMENT_CODE DEPARTMENT_CODE
         , BD.DESCRIPTION DEPARTMENT_DESCRIPTION
         , BD.LOCATION_ID
         , BSO.LAST_UPDATE_DATE
         , BSO.LAST_UPDATED_BY
         , BSO.CREATION_DATE
         , BSO.CREATED_BY
         , BSO.LAST_UPDATE_LOGIN
         , BSO.MINIMUM_TRANSFER_QUANTITY
         , BSO.COUNT_POINT_TYPE
         , BSO.OPERATION_DESCRIPTION
         , BSO.OPTION_DEPENDENT_FLAG
         , BSO.ATTRIBUTE_CATEGORY
         , BSO.ATTRIBUTE1
         , BSO.ATTRIBUTE2
         , BSO.ATTRIBUTE3
         , BSO.ATTRIBUTE4
         , BSO.ATTRIBUTE5
         , BSO.ATTRIBUTE6
         , BSO.ATTRIBUTE7
         , BSO.ATTRIBUTE8
         , BSO.ATTRIBUTE9
         , BSO.ATTRIBUTE10
         , BSO.ATTRIBUTE11
         , BSO.ATTRIBUTE12
         , BSO.ATTRIBUTE13
         , BSO.ATTRIBUTE14
         , BSO.ATTRIBUTE15
         , BSO.REQUEST_ID
         , BSO.PROGRAM_APPLICATION_ID
         , BSO.PROGRAM_ID
         , BSO.PROGRAM_UPDATE_DATE
         , BSO.BACKFLUSH_FLAG
       FROM BOM_STANDARD_OPERATIONS BSO,
            BOM_DEPARTMENTS BD
        WHERE BD.DEPARTMENT_ID = BSO.DEPARTMENT_ID
        AND   TRUNC(NVL(BD.DISABLE_DATE, SYSDATE+1)) > TRUNC(SYSDATE)
```

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKFLUSH_FLAG	SYS_YES_NO	MFG_LOOKUPS

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1	Yes
	2	No
COUNT_POINT_TYPE	BOM_COUNT_POINT_TYPE	MFG_LOOKUPS
	1	Yes – autocharge
	2	No – autocharge
	3	No – direct charge
OPTION_DEPENDENT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
ROW_ID	NULL	ROWID	Rowid of table BOM_STANDARD_OPERATIONS
STANDARD_OPERATION_ID	NOT NULL	NUMBER	Standard operation unique identifier
OPERATION_CODE	NOT NULL	VARCHAR2(4)	Standard operation code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department unique identifier
DEPARTMENT_CODE	NOT NULL	VARCHAR2(10)	Department code
DEPARTMENT_DESCRIPTION	NULL	VARCHAR2(240)	Department description
LOCATION_ID	NULL	NUMBER	Location 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
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
COUNT_POINT_TYPE	NULL	NUMBER	Count point
OPERATION_DESCRIPTION	NULL	VARCHAR2(240)	Specific operation description
OPTION_DEPENDENT_FLAG	NULL	NUMBER	Indicates whether to use this operation in all configuration routings, even if no components of the configuration are used in this operation
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
BACKFLUSH_FLAG	NULL	NUMBER	Backflush at this operation

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_STD_OP_RESOURCES

BOM_STD_OP_RESOURCES stores information about resources you assign to standard operations. You may assign multiple resources to your standard operations.

When you use a standard operation to define your routing step, the Define Routing window copies the standard operation resources as operation resources. Since BOM_STD_OP_RESOURCES shares descriptive flex definition with BOM_OPERATION_RESOURCES, the window will also copy the descriptive flex information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENT_RESOURCES	RESOURCE_ID	RESOURCE_ID
BOM_STANDARD_OPERATIONS	STANDARD_OPERATION_ID	STANDARD_OPERATION_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
SCHEDULE_FLAG	BOM_RESOURCE_SCHEDULE_TYPE	MFG_LOOKUPS
	1	Yes
	2	No
	3	Prior
	4	Next
STANDARD_RATE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
STANDARD_OPERATION_ID (PK)	NOT NULL	NUMBER	Standard operation unique identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource unique identifier
ACTIVITY_ID	NULL	NUMBER	Activity 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
RESOURCE_SEQ_NUM (PK)	NOT NULL	NUMBER	Resource sequence number
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Resource usage rate
USAGE_RATE_OR_AMOUNT_INVERSE	NOT NULL	NUMBER	Resource usage rate inverse
BASIS_TYPE	NOT NULL	NUMBER	Basis type
AUTOCHARGE_TYPE	NOT NULL	NUMBER	Charging for shop floor transactions
STANDARD_RATE_FLAG	NOT NULL	NUMBER	Use standard rate for shopfloor transaction
ASSIGNED_UNITS	NULL	NUMBER	Resource units assigned
SCHEDULE_FLAG	NOT NULL	NUMBER	Schedule this resource
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

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_STD_OP_RESOURCES_U1	UNIQUE	1	STANDARD_OPERATION_ID
		2	RESOURCE_SEQ_NUM

Database Triggers

```
Trigger Name    : BOM_STD_OP_RESOURCES_T1
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : INSERT
```

When you create a standard resource for a standard operation, then this trigger creates a corresponding row in the BOM_OPERATION_RESOURCES table for every routing operation that references this standard operation.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

```
Trigger Name    : BOM_STD_OP_RESOURCES_T2
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : UPDATE
```

When you update a standard resource for a standard operation, then this trigger updates every correponding row in the BOM_OPERATION_RESOURCES table for all the routing operations that reference this standard operation.

```
Trigger Name    : BOM_STD_OP_RESOURCES_T3
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : DELETE
```

When you delete a standard resource for a standard operation, then this trigger deletes every correponding row in the BOM_OPERATION_RESOURCES table for all the routing operations that reference this standard operation.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SUBSTITUTE_COMPONENTS

BOM_SUBSTITUTE_COMPONENTS stores information about the substitute components associated with a bill of material component. It is a child table of BOM_INVENTORY_COMPONENTS, and stores substitute components of current components as well as components that are pending on ECOs. Substitute components appear on MRP reports.

The column SUBSTITUTE_ITEM_QUANTITY stores the quantity of substitute items needed to replace the full component quantity as represented in the COMPONENT_QUANTITY column of the BOM_INVENTORY_COMPONENTS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	SUBSTITUTE_COMPONENT_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable

Column Descriptions

Name	Null?	Type	Description
SUBSTITUTE_COMPONENT_ID (PK)	NOT NULL	NUMBER	Substitute component inventory item
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
SUBSTITUTE_ITEM_QUANTITY	NOT NULL	NUMBER	Substitute component quantity
COMPONENT_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Component unique identifier
ACD_TYPE (PK)	NULL	NUMBER	Type to indicate add or delete on an engineering change order
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original system that data for the current record has come from

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_SUBSTITUTE_COMPONENTS_N1	NOT UNIQUE	1	SUBSTITUTE_COMPONENT_ID
BOM_SUBSTITUTE_COMPONENTS_N2	NOT UNIQUE	1	COMPONENT_SEQUENCE_ID
BOM_SUBSTITUTE_COMPONENTS_U1	UNIQUE	3	COMPONENT_SEQUENCE_ID
		4	SUBSTITUTE_COMPONENT_ID
		5	ACD_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SUBSTITUTE_COMPS_ARCHIVE

Used by Delete Group program to archive substitute components deleted as a result of a cascade delete on components.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable

Column Descriptions

Name	Null?	Type	Description
SUBSTITUTE_COMPONENT_ID (PK)	NOT NULL	NUMBER	Substitute component inventory item
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
SUBSTITUTE_ITEM_QUANTITY	NOT NULL	NUMBER	Substitute component quantity
COMPONENT_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Component unique identifier
ACD_TYPE (PK)	NULL	NUMBER	Type to indicate add or delete on an engineering change order
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SUB_COMPS_INTERFACE

BOM_SUB_COMPS_INTERFACE temporarily stores information about the substitute components associated with a bill of material component. This table is shared by the Bills of Material and Engineering Change Order open interfaces.

This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. The open interfaces will derive column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION_CODE, and the open interfaces will fill in the corresponding ORGANIZATION_ID for you.

Also, you can enter ASSEMBLY_ITEM_ID, ORGANIZATION_ID and ALTERNATE_BOM_DESIGNATOR instead of BILL_SEQUENCE_ID. The open interfaces will fill in the corresponding BILL_SEQUENCE_ID.

In addition, you can enter BILL_SEQUENCE_ID, COMPONENT_ITEM_ID, OPERATION_SEQ_NUM, and EFFECTIVITY_DATE instead of COMPONENT_SEQUENCE_ID. The open interfaces will fill in the corresponding COMPONENT_SEQUENCE_ID.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded

Column Descriptions

Name	Null?	Type	Description
SUBSTITUTE_COMPONENT_ID	NULL	NUMBER	Inventory item identifier of substitute component
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SUBSTITUTE_ITEM_QUANTITY	NULL	NUMBER	Substitute component quantity

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Component unique identifier
ACD_TYPE	NULL	NUMBER	Add or delete code from an engineering change order
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
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
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
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material unique identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Inventory item identifier of the bill
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator code
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
COMPONENT_ITEM_ID	NULL	NUMBER	Component item identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
EFFECTIVITY_DATE	NULL	DATE	Effective date
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
SUBSTITUTE_COMP_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of the substitute component
COMPONENT_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of the component
ASSEMBLY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of the bill
NEW_SUB_COMP_ID	NULL	NUMBER	Updated value for the SUBSTITUTE_COMPONENT_ID
NEW_SUB_COMP_NUMBER	NULL	VARCHAR2(2000)	Updated value for the SUBSTITUTE_COMP_NUMBER
INTERFACE_ENTITY_TYPE	NULL	VARCHAR2(4)	Record used for Bill or ECO Open Interface: BILL, ECO
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Type of action: CREATE, UPDATE or DELETE
BOM_SUB_COMPS_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier to link rows pertaining to the same business object
BOM_INVENTORY_COMPS_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier to link rows pertaining to the same business object

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ENG_REVISED_ITEMS_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier to link rows pertaining to the same business object
ENG_CHANGES_IFCE_KEY	NULL	VARCHAR2(30)	User defined identifier to link rows pertaining to the same business object

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_SUB_COMPS_INTERFACE_N1	NOT UNIQUE	1	COMPONENT_SEQUENCE_ID
		2	SUBSTITUTE_COMPONENT_ID
BOM_SUB_COMPS_INTERFACE_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	ASSEMBLY_ITEM_ID
		3	ALTERNATE_BOM_DESIGNATOR
BOM_SUB_COMPS_INTERFACE_N3	NOT UNIQUE	1	TRANSACTION_ID
BOM_SUB_COMPS_INTERFACE_N4	NOT UNIQUE	2	ASSEMBLY_ITEM_NUMBER
		4	ORGANIZATION_ID
		6	BOM_SUB_COMPS_IFCE_KEY

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SUB_OPERATION_RESOURCES

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
SCHEDULE_FLAG	BOM_RESOURCE_SCHEDULE_TYPE	MFG_LOOKUPS
	1	Yes
	2	No
	3	Prior
	4	Next
STANDARD_RATE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
OPERATION_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Operation unique identifier
SUBSTITUTE_GROUP_NUM (PK)	NOT NULL	NUMBER	Substitue group number
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource unique identifier
SCHEDULE_SEQ_NUM	NOT NULL	NUMBER	Scheduling sequence number
REPLACEMENT_GROUP_NUM	NOT NULL	NUMBER	Substitute group number
ACTIVITY_ID	NULL	NUMBER	Activity identifier
STANDARD_RATE_FLAG	NOT NULL	NUMBER	Use standard rate for shopfloor transactions
ASSIGNED_UNITS	NOT NULL	NUMBER	Resource units assigned
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Resource usage rate
USAGE_RATE_OR_AMOUNT_INVERSE	NOT NULL	NUMBER	Resource usage rate inverse
BASIS_TYPE	NOT NULL	NUMBER	Basis type identifier
SCHEDULE_FLAG	NOT NULL	NUMBER	Schedule the resource
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
RESOURCE_OFFSET_PERCENT	NULL	NUMBER	Resource offset percent from the start of the routing
AUTOCHARGE_TYPE	NOT NULL	NUMBER	Autocharge type for shopfloor moves
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
REQUEST_ID	NULL	NUMBER	Concurrent Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
PRINCIPLE_FLAG	NULL	NUMBER	Principle Flag
SETUP_ID	NULL	NUMBER	Setup Type unique identifier
CHANGE_NOTICE	NULL	VARCHAR2(10)	Change Notice
ACD_TYPE	NULL	NUMBER	Acd Type
ORIGINAL_SYSTEM_REFERENCE	NULL	VARCHAR2(50)	Original System Reference

Indexes

Index Name	Index Type	Sequence	Column Name
BOM_SUB_OPERATION_RESOURCES_U1	UNIQUE	1	OPERATION_SEQUENCE_ID
		2	RESOURCE_ID
		3	SUBSTITUTE_GROUP_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_SUB_OPERATION_RESOURCE_EFC

BOM_SUB_OPERATION_RESOURCE_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table BOM_SUB_OPERATION_RESOURCES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Resource Rate Amount
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation Sequence Identifier
USAGE_RATE_OR_AMOUNT_INVERSE	NULL	NUMBER	Inverse Resource Rate Amount
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource Sequence Number
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

BOM_WORKDAY_PATTERNS

BOM_WORKDAY_PATTERNS stores the days on / days off patterns for your calendar and your shifts. You can define multiple days on / days off to form a repetitive pattern. The calendar compile program (BMCPCL) will create a workday calendar based on this repeating pattern along with the exceptions that you may define. SEQ_NUM is the order of your days on / days off to create the repeating workday pattern. For example, if you define a calendar as follows:

= SeqNum DaysOn DaysOff 1 5 2 2 4 3 =

Your repeating workday pattern will be over 14 days (5+2+4+3) as follows: = 5 days on 2 days off 4 days on 3 days off =

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE
BOM_CALENDAR_SHIFTS	CALENDAR_CODE SHIFT_NUM	CALENDAR_CODE SHIFT_NUM

Column Descriptions

Name	Null?	Type	Description
CALENDAR_CODE (PK)	NOT NULL	VARCHAR2(10)	Workday calendar identifier
SHIFT_NUM (PK)	NULL	NUMBER	Shift number
SEQ_NUM (PK)	NOT NULL	NUMBER	Sequence number
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
DAYS_ON	NOT NULL	NUMBER	Number of days on
DAYS_OFF	NOT NULL	NUMBER	Number of days off
DESCRIPTION	NULL	VARCHAR2(240)	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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_WORKDAY_PATTERNS_N1	NOT UNIQUE	1	CALENDAR_CODE
		2	SHIFT_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CRP_RESOURCE_HOURS

CRP_RESOURCE_HOURS stores a row for each resource or repetitive line required to build an assembly from its lowest level components. Each row also includes the department where the assembly is being built, the resource hours required, the usage of the components in the assembly, and the set back days from the due date of the assembly when the resource or the line is required.

RESOURCE_DEPARTMENT_HOURS is calculated by multiplying the usage rate or amount of the assembly by the conversion rate defined for that assembly.

SETBACK_DAYS is the number of days from the due date of the assembly that the resource is needed.

ASSEMBLY_USAGE is a resource hours multiplier derived from the usage of the component. Therefore the assembly usage for the resource required to make an assembly from its immediate components is one.

SOURCE_ITEM_ID is the component in the assembly that is the source of the repetitive or routing–based requirements.

This table is populated by the Bill of Resource Load concurrent program and the Enter Bill of Resources form. The rough cut capacity inquiry and report use this table to compile the rough cut capacity plan.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	ORGANIZATION_ID ASSEMBLY_ITEM_ID	ORGANIZATION_ID ASSEMBLY_ITEM_ID
BOM_DEPARTMENT_RESOURCES	DEPARTMENT_ID RESOURCE_ID	DEPARTMENT_ID RESOURCE_ID
BOM_INVENTORY_COMPONENTS	COMPONENT_ITEM_ID OPERATION_SEQ_NUM	SOURCE_ITEM_ID OPERATION_SEQ_NUM
BOM_OPERATION_RESOURCES	OPERATION_SEQUENCE_ID RESOURCE_SEQ_NUM	OPERATION_SEQUENCE_ID RESOURCE_SEQ_NUM
CRP_BILL_OF_RESOURCE_ITEMS	INVENTORY_ITEM_ID ORGANIZATION_ID BILL_OF_RESOURCES	ASSEMBLY_ITEM_ID ORGANIZATION_ID BILL_OF_RESOURCES
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	SOURCE_ITEM_ID ORGANIZATION_ID
WIP_LINES	LINE_ID ORGANIZATION_ID	LINE_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BASIS	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource units
	4	Resource value
	5	Total value

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	6	Activity units
OPERATION_SCHEDULE_TYPE	MCG_OPERATION_SCHEDULE	MFG_LOOKUPS
	1	Standard time
	2	Units of department capacity
	4	24 hour clock
ORIGINATION_TYPE	CRP_ROLLUP_ORIGINATION	MFG_LOOKUPS
	1	Load
	2	Manual update
	3	Manual addition

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Unique id for the row
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
BILL_OF_RESOURCES	NOT NULL	VARCHAR2(10)	Bill of resource set identifier
ASSEMBLY_ITEM_ID	NOT NULL	NUMBER	Assembly item identifier
SOURCE_ITEM_ID	NOT NULL	NUMBER	Component that is the source of the requirement
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier
LINE_ID	NULL	NUMBER	Repetitive line identifier
RESOURCE_DEPARTMENT_HOURS	NULL	NUMBER	Required resource hours
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number in routing
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence id
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence num
SETBACK_DAYS	NULL	NUMBER	Resource set back days from assembly due date
ASSEMBLY_USAGE	NULL	NUMBER	Resource hours multiplier for assembly usage
ORIGINATION_TYPE	NOT NULL	NUMBER	Origination type of requirement
RESOURCE_UNITS	NULL	NUMBER	Operation resource units
BASIS	NULL	NUMBER	Operation basis
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
DDF_CONTEXT	NULL	VARCHAR2(30)	Structure defining column for the developer descriptive flexfield
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
CRP_RESOURCE_HOURS_N1	NOT UNIQUE	1	BILL_OF_RESOURCES
		2	ASSEMBLY_ITEM_ID
		3	ORGANIZATION_ID
CRP_RESOURCE_HOURS_N2	NOT UNIQUE	1	DEPARTMENT_ID
		2	RESOURCE_ID
		3	BILL_OF_RESOURCES
		4	ORGANIZATION_ID
CRP_RESOURCE_HOURS_N3	NOT UNIQUE	4	LINE_ID
		5	BILL_OF_RESOURCES
		6	ORGANIZATION_ID
CRP_RESOURCE_HOURS_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
CRP_RESOURCE_HOURS_S	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CRP_SIMULATION_SETS

CRP_SIMULATION_SETS stores the names of the simulation sets. Simulation sets are used to group multiple resource changes. Each resource change defined in BOM_RESOURCE_CHANGES can be associated with a simulation set. The USE_IN_WIP flag determines if the resource change associated with a particular simulation set is used by the WIP scheduler. The RCCP and CRP reports and inquiries can be run for a particular simulation set.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
USE_IN_WIP_FLAG	SYS_YES_NO	MFG_LOOKUPS

Column Descriptions

Name	Null?	Type	Description
SIMULATION_SET (PK)	NOT NULL	VARCHAR2(10)	Simulation set 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
DESCRIPTION	NULL	VARCHAR2(50)	Simulation set description
USE_IN_WIP_FLAG	NULL	NUMBER	Use in WIP flag
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
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
CRP_SIMULATION_SETS_U1	UNIQUE	1	SIMULATION_SET
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ACCOUNTING_LIBRARIES

CST_ACCOUNTING_LIBRARIES stores information about the library that should be called during the periodic distribution process for GAAP Accounting.

Column Descriptions

Name	Null?	Type	Description
ACCOUNTING_LIB_ID (PK)	NOT NULL	NUMBER	Unique ID
LIB_NAME	NOT NULL	VARCHAR2(15)	Name of the Accounting Library
DESCRIPTION	NULL	VARCHAR2(240)	Description of the Accounting Library
COST_METHOD_ID	NULL	NUMBER(15)	Cost Method identifier for which the library can be used
LIB_PKG_NAME	NOT NULL	VARCHAR2(100)	The PL/SQL package name for the library
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
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Extended Who column
PROGRAM_ID	NULL	NUMBER(15)	Extended Who column
REQUEST_ID	NULL	NUMBER(15)	Extended Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ACCOUNTING_LIBRARIES_U1	UNIQUE	1	ACCOUNTING_LIB_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ACCOUNTING_PACKAGES

CST_ACCOUNTING_PACKAGES stores information about PL/SQL packages that are called during periodic distribution process

Column Descriptions

Name	Null?	Type	Description
ACCOUNTING_PACKAGE_ID (PK)	NOT NULL	NUMBER(15)	Unique ID
DESCRIPTION	NULL	VARCHAR2(240)	Description of the accounting package
PACKAGE_NAME	NOT NULL	VARCHAR2(50)	Name of the PL/SQL package
COST_METHOD_ID	NULL	NUMBER(15)	Cost Method identifier for which the package can be used
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
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Extended Who column
PROGRAM_ID	NULL	NUMBER(15)	Extended Who column
REQUEST_ID	NULL	NUMBER(15)	Extended Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ACCOUNTING_PACKAGES_U1	UNIQUE	1	ACCOUNTING_PACKAGE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ACCT_LIB_PACKAGES

CST_ACCT_LIB_PACKAGES stores association between library for a GAAP and PL/SQL package that should be called for a transaction event during periodic distribution process

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_ACCOUNTING_LIBRARIES	ACCOUNTING_LIB_ID	ACCOUNTING_LIB_ID
CST_ACCOUNTING_PACKAGES	ACCOUNTING_PACKAGE_ID	ACCOUNTING_PACKAGE_ID

Column Descriptions

Name	Null?	Type	Description
ACCOUNTING_LIB_ID	NOT NULL	NUMBER	ID from CST_ACCOUNTING_LIBRARIES
ACCOUNTING_PACKAGE_ID	NOT NULL	NUMBER(15)	ID from CST_ACCOUNTING_PACKAGES
EVENT_TYPE_ID	NULL	VARCHAR2(30)	Event ID from CST_EVENT_TYPES
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
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Extended Who column
PROGRAM_ID	NULL	NUMBER(15)	Extended Who column
REQUEST_ID	NULL	NUMBER(15)	Extended Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ACCT_LIB_PACKAGES_N1	NOT UNIQUE	1	ACCOUNTING_LIB_ID
		2	EVENT_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ACTIVITIES

CST_ACTIVITIES stores activities information. An activity can be specific to one organization or shared among all organizations. For shared activities, the ORGANIZATION_ID column holds the organization identifier. For non–shared activities, the ORGANIZATION_ID is NULL.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity

Column Descriptions

Name	Null?	Type	Description
ACTIVITY_ID (PK)	NOT NULL	NUMBER	Activity 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
ACTIVITY	NOT NULL	VARCHAR2(10)	Activity name
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description
DEFAULT_BASIS_TYPE	NULL	NUMBER	Default basis for the activity
DISABLE_DATE	NULL	DATE	Date activity becomes inactive
OUTPUT_UOM	NULL	VARCHAR2(50)	Activity measurement unit
VALUE_ADDED_ACTIVITY_FLAG	NULL	VARCHAR2(150)	Flag indicating whether the activity adds 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
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
CST_ACTIVITIES_U1	UNIQUE	1	ACTIVITY_ID
CST_ACTIVITIES_U2	UNIQUE	1	ORGANIZATION_ID
		2	ACTIVITY

Sequences

Sequence	Derived Column
CST_ACTIVITIES_S	ACTIVITY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ACTIVITY_COSTS

CST_ACTIVITY_COSTS stores activity costs for a particular cost type. It is the child table of CST_ACTIVITIES.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
ACTIVITY_ID (PK)	NOT NULL	NUMBER	Activity identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type 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
TOTAL_COST	NULL	NUMBER	Total expected cost for the activity
TOTAL_ACTIVITY_UNITS	NULL	NUMBER	The total expected number of activity occurrences
UNIT_COST	NULL	NUMBER	Total unit cost
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ACTIVITY_COSTS_U1	UNIQUE	1	ACTIVITY_ID
		2	ORGANIZATION_ID
		3	COST_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ACTIVITY_COSTS_EFC

CST_ACTIVITY_COSTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_ACTIVITY_COSTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
UNIT_COST	NULL	NUMBER	Unit Cost
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
ACTIVITY_ID	NOT NULL	NUMBER	Activity Identifier
TOTAL_COST	NULL	NUMBER	Total Cost
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AE_HEADERS

This table stores the header information for Periodic Accounting Distributions

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PERIOD_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	ACCOUNTING_EVENT_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
ORG_GL_BATCHES	GL_BATCH_ID	GL_TRANSFER_RUN_ID
RCV_TRANSACTIONS	TRANSACTION_ID	ACCOUNTING_EVENT_ID
WIP_TRANSACTIONS	TRANSACTION_ID	ACCOUNTING_EVENT_ID

Column Descriptions

Name	Null?	Type	Description
AE_HEADER_ID (PK)	NOT NULL	NUMBER(15)	Unique Identifier
ACCOUNTING_EVENT_ID	NOT NULL	NUMBER	Accounting Event Identifier
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of Books Identifier
LEGAL_ENTITY_ID	NOT NULL	NUMBER(15)	Legal Entity Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
AE_CATEGORY	NULL	VARCHAR2(30)	Accounting Event Category
PERIOD_ID	NOT NULL	NUMBER	Period Identifier
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Name of accounting period
ACCOUNTING_DATE	NOT NULL	DATE	Accounting Event Date
GL_TRANSFER_FLAG	NOT NULL	VARCHAR2(1)	General Ledger Transfer Flag
GL_TRANSFER_RUN_ID	NULL	NUMBER	General Ledger Transfer Run Identifier
DESCRIPTION	NULL	VARCHAR2(240)	Description of Accounting Header
GL_TRANSFER_ERROR_CODE	NULL	VARCHAR2(240)	General Ledger Transfer Error Code
ACCT_EVENT_SOURCE_TABLE	NULL	VARCHAR2(10)	Accounting Event Source Table
ORGANIZATION_ID	NOT NULL	NUMBER	Accounting Event Organization Identifier
ACCOUNTING_ERROR_CODE	NULL	VARCHAR2(30)	Accounting Error Code
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
CROSS_CURRENCY_FLAG	NULL	VARCHAR2(1)	Cross Currency Flag
GL_REVERSAL_FLAG	NULL	VARCHAR2(1)	Indicates whether accounting entries need to be reversed

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
CST_AE_HEADERS_N1	NOT UNIQUE	1	GL_TRANSFER_RUN_ID
		2	ACCOUNTING_DATE
		4	LEGAL_ENTITY_ID
		6	COST_TYPE_ID
		8	COST_GROUP_ID
		10	PERIOD_ID
CST_AE_HEADERS_U1	UNIQUE	1	AE_HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AE_HEADERS_EFC

CST_AE_HEADERS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_AE_HEADERS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier
AE_HEADER_ID	NULL	NUMBER	AE Header Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AE_LINES

This table stores the accounting distribution entries (debits and credits) for periodic distributions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
CST_AE_HEADERS	AE_HEADER_ID	AE_HEADER_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

Column Descriptions

Name	Null?	Type	Description
AE_LINE_ID (PK)	NOT NULL	NUMBER(15)	Unique Identifier
AE_HEADER_ID	NOT NULL	NUMBER(15)	Accounting Header Identifier
AE_LINE_NUMBER	NOT NULL	NUMBER	Accounting Line Number
AE_LINE_TYPE_CODE	NULL	VARCHAR2(30)	Accounting Line Type Code
CODE_COMBINATION_ID	NULL	NUMBER(15)	Account Identifier
CURRENCY_CODE	NOT NULL	VARCHAR2(15)	Currency Code
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency Conversion Type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency Conversion Date
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Exchange Rate
ENTERED_DR	NULL	NUMBER	Accounting Debit Entry
ENTERED_CR	NULL	NUMBER	Accounting Credit Entry
ACCOUNTED_DR	NULL	NUMBER	Accounting Debit entry in functional currency
ACCOUNTED_CR	NULL	NUMBER	Accounting Credit entry in functional currency
SOURCE_TABLE	NULL	VARCHAR2(30)	Accounting Entry source table
SOURCE_ID	NULL	NUMBER(15)	Accounting Entry source Identifier
RATE_OR_AMOUNT	NULL	NUMBER	Per Unit Rate
BASIS_TYPE	NULL	NUMBER	Basis Type for WIP
RESOURCE_ID	NULL	NUMBER	Resource Identifier for WIP
COST_ELEMENT_ID	NULL	NUMBER	Cost Element Identifier
ACTIVITY_ID	NULL	NUMBER	Activity Identifier for WIP
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	Repetitive Schedule Identifier for WIP
OVERHEAD_BASIS_FACTOR	NULL	NUMBER	Overhead Basis Factor for WIP
BASIS_RESOURCE_ID	NULL	NUMBER(15)	Basis Resource Identifier for WIP
GL_SL_LINK_ID	NULL	NUMBER(15)	Link to General Ledger
DESCRIPTION	NULL	VARCHAR2(240)	Description of Accounting entry line
ACCOUNTING_ERROR_CODE	NULL	VARCHAR2(30)	Accounting Error Code
STAT_AMOUNT	NULL	NUMBER	Stat Amount
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	USSGL Transaction Code
SUBLEDGER_DOC_SEQUENCE_ID	NULL	NUMBER(15)	Subledger Document Sequence Identifier
SUBLEDGER_DOC_SEQUENCE_VALUE	NULL	NUMBER	Subledger Document Sequence Value

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GL_TRANSFER_ERROR_CODE	NULL	VARCHAR2(240)	General Ledger Transfer Error Code
REFERENCE1	NULL	VARCHAR2(240)	Reference column
REFERENCE2	NULL	VARCHAR2(240)	Reference column
REFERENCE3	NULL	VARCHAR2(240)	Reference column
REFERENCE4	NULL	VARCHAR2(240)	Reference column
REFERENCE5	NULL	VARCHAR2(240)	Reference column
REFERENCE6	NULL	VARCHAR2(240)	Reference column
REFERENCE7	NULL	VARCHAR2(240)	Reference column
REFERENCE8	NULL	VARCHAR2(240)	Reference column
REFERENCE9	NULL	VARCHAR2(240)	Reference column
REFERENCE10	NULL	VARCHAR2(240)	Reference column
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
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase Order Distribution Identifier for Receiving Transactions
WIP_ENTITY_ID	NULL	NUMBER	WIP Entity Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
CST_AE_LINES_N1	NOT UNIQUE	1	AE_HEADER_ID
CST_AE_LINES_U1	UNIQUE	1	AE_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AE_LINES_EFC

CST_AE_LINES_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_AE_LINES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
AE_LINE_ID	NOT NULL	NUMBER	Line Identifier
ACCOUNTED_CR	NULL	NUMBER	Accounted Credit
ACCOUNTED_DR	NULL	NUMBER	Accounted Debit
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Rate
OVERHEAD_BASIS_FACTOR	NULL	NUMBER	Overhead Basis Factor
STAT_AMOUNT	NULL	NUMBER	Stat_amount
RATE_OR_AMOUNT	NULL	NUMBER	Rate or Amount
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AP_VARIANCE_BATCHES

Stores the parameters for each Invoice Variance Transfer Program run. A unique batch id identifies the record created during each run.

Column Descriptions

Name	Null?	Type	Description
BATCH_ID (PK)	NOT NULL	NUMBER	Batch identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory organization identifier
ITEM_OPTION	NULL	NUMBER	Item option specified at time of program submission
INVOICE_PROJECT_OPTION	NULL	NUMBER	Invoice option specified at time of program submission.
ADJUSTMENT_ACCOUNT	NULL	NUMBER	Adjustment account specified at time of program submission
CUTOFF_DATE	NULL	DATE	Invoice cut off date
TRANSACTION_PROCESS_MODE	NULL	NUMBER	Transaction process mode to control whether the update transactions are created in a state ready to import
SPECIFIC_ITEM_ID	NULL	NUMBER	Specific Item identifier, applicable only if specific item option was chosen
SPECIFIC_PROJECT_ID	NULL	NUMBER	Specific project identifier, applicable only if project invoice option was chosen
CATEGORY_ID	NULL	NUMBER	Category identifier, applicable if category item option was chosen
CATEGORY_SET_ID	NULL	NUMBER	Category set identifier
CREATION_DATE	NOT NULL	DATE	Standard who column
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
REQUEST_ID	NULL	NUMBER	Extended who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended who column
PROGRAM_ID	NULL	NUMBER	Extended who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Extended who column
DESCRIPTION	NULL	VARCHAR2(240)	Description as entered by the user at time of program submission

Indexes

Index Name	Index Type	Sequence	Column Name
CST_AP_VARIANCE_BATCHES_U1	UNIQUE	1	BATCH_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AP_VARIANCE_HEADERS

Stores the variance information for a purchase order distribution for each batch run

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_AP_VARIANCE_BATCHES	BATCH_ID	BATCH_ID

Column Descriptions

Name	Null?	Type	Description
VARIANCE_HEADER_ID (PK)	NOT NULL	NUMBER	Variance header identifier
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase order distribution identifier for which invoice variance is computed
ORGANIZATION_ID	NULL	NUMBER	Inventory organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
COST_GROUP_ID	NULL	NUMBER	Cost group identifier, applicable only if invoice option is chosen at time of program run
VAR_AMOUNT	NULL	NUMBER	Invoice variance amount
TRANSACTION_DATE	NULL	DATE	System derived date for average cost update transaction
BATCH_ID	NOT NULL	NUMBER	Batch identifier that created this header record
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
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Extended Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_AP_VARIANCE_HEADERS_N1	NOT UNIQUE	1	BATCH_ID
CST_AP_VARIANCE_HEADERS_U1	UNIQUE	1	VARIANCE_HEADER_ID
CST_AP_VARIANCE_HEADERS_U2	UNIQUE	1	BATCH_ID
		2	PO_DISTRIBUTION_ID
		4	COST_GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AP_VARIANCE_HEADERS_EFC

CST_AP_VARIANCE_HEADERS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_AP_VARIANCE_HEADERS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
VAR_AMOUNT	NULL	NUMBER	Var Amount
VARIANCE_HEADER_ID	NOT NULL	NUMBER	Variance Header Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AP_VARIANCE_LINES

Stores the variance information detail fora purchase order distribution and each batch run

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_AP_VARIANCE_BATCHES	BATCH_ID	BATCH_ID
CST_AP_VARIANCE_HEADERS	VARIANCE_HEADER_ID	VARIANCE_HEADER_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID

Column Descriptions

Name	Null?	Type	Description
VARIANCE_HEADER_ID (PK)	NOT NULL	NUMBER	Variance header identifier
VARIANCE_LINE_ID (PK)	NOT NULL	NUMBER	Variance line identifier
BATCH_ID	NOT NULL	NUMBER	Batch identifier that created this record
INVOICE_DISTRIBUTION_ID	NOT NULL	NUMBER	Invoice distribution ID as stored in AP tables
INVOICE_ID	NULL	NUMBER	Invoice ID as stored in AP tables
DISTRIBUTION_LINE_NUMBER	NULL	NUMBER	Invoice distribution line number
PO_DISTRIBUTION_ID	NOT NULL	NUMBER	Purchase order distribution to which this invoice is matched
INVOICE_PRICE_VARIANCE	NULL	NUMBER	Invoice price variance amount
BASE_INVOICE_PRICE_VARIANCE	NULL	NUMBER	Invoice price variance amount in base currency
VAR_AMOUNT	NULL	NUMBER	Invoice variance amount to be transferred to Inventory
PROJECT_ID	NULL	NUMBER	Project as indicated on the invoice
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory Organization to which the PO distribution will deliver
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item as indicated on the purchase order line
CREATION_DATE	NOT NULL	DATE	Standard Who column
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
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
CST_AP_VARIANCE_LINES_N1	NOT UNIQUE	1	BATCH_ID
CST_AP_VARIANCE_LINES_U1	UNIQUE	1	VARIANCE_HEADER_ID
		2	VARIANCE_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_AP_VARIANCE_LINES_EFC

CST_AP_VARIANCE_LINES_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_AP_VARIANCE_LINES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
BASE_INVOICE_PRICE_VARIANCE	NULL	NUMBER	Base Invoice Price Variance
VAR_AMOUNT	NULL	NUMBER	Variance Amount
VARIANCE_LINE_ID	NOT NULL	NUMBER	Variance Line Identifier
VARIANCE_HEADER_ID	NOT NULL	NUMBER	Variance Header Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_BIS_MARGIN_BUILD

CST_MARGIN_BUILD stores the build information that is required to run Margin Analysis Reports. Submitting a Margin Analysis Load Run request populates this table. Submitting a Purge Margin Analysis Load Run request removes records from it.

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_NAME	NULL	VARCHAR2(80)	Legal Entity name
BUILD_ID	NOT NULL	NUMBER	Build identifier
BUILD_NAME	NOT NULL	VARCHAR2(60)	Build name
LEGAL_ENTITY_ID	NULL	NUMBER	Legal Entity identifier
BUILD_DESCRIPTION	NULL	VARCHAR2(255)	Description of the build
FROM_DATE	NULL	DATE	Build date from value
TO_DATE	NULL	DATE	Build date to value
ORG_ID	NULL	NUMBER	Operating unit
HEADER_ID	NULL	NUMBER	Header identifier for the sales order
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COST_TYPE_ID	NULL	NUMBER	Cost type identifier
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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

Sequences

Sequence	Derived Column
CST_MARGIN_BUILD_S	BUILD_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_BIS_MARGIN_SUMMARY

CST_BIS_MARGIN_SUMMARY temporarily stores the detailed information that is used to build Margin Analysis Reports. Like CST_MARGIN_BUILD, Margin Analysis Load Run and Purge Margin Analysis Load Run requests populate and remove records from this table.

Column Descriptions

Name	Null?	Type	Description
MARGIN_PK (PK)	NOT NULL	VARCHAR2(120)	
LEGAL_ENTITY_ID	NULL	NUMBER	Legal Entity Identifier
BUILD_ID	NOT NULL	NUMBER	Build identifier
SOURCE	NOT NULL	VARCHAR2(15)	Identifies source of the record
ROW_TYPE	NOT NULL	NUMBER	Identifies the type of a sales order line
ORIGIN	NOT NULL	NUMBER	Identifies the origin of the record
INVOICE_SOURCE	NULL	VARCHAR2(30)	Source of the invoice
PARENT_ROWID	NULL	ROWID	Identifier of SO_ORDER_LINES
ORDER_NUMBER	NULL	NUMBER	Order number of the sales order
ORG_ID	NULL	NUMBER	Operating unit
HEADER_ID	NULL	NUMBER	Order header identifier
ORDER_TYPE_ID	NULL	NUMBER	Order type identifier
CUSTOMER_ID	NULL	NUMBER	Customer identifier
SOLD_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on customer identifier
PRIMARY_SALESREP_ID	NULL	NUMBER	Primary sales representative identifier
SALES_CHANNEL_CODE	NULL	VARCHAR2(30)	Sales channel code identifier
PARENT_INVENTORY_ITEM_ID	NULL	NUMBER	Parent inventory item identifier in case of a non–standard item
PARENT_ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the parent item
PARENT_LINE_ID	NULL	NUMBER	Line identifier for the parent line
PARENT_LINE_NUMBER	NULL	NUMBER	Line number for the parent line
PARENT_ITEM_TYPE_CODE	NULL	VARCHAR2(30)	Type identifier of the parent item, i.e. Standard, Model, Class, etc.
PARENT_ATO_FLAG	NULL	VARCHAR2(1)	Flag indicating if the order line is for ATO
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier for the child line
ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the child line
LINE_ID	NULL	NUMBER	Line identifier for the child line
LINE_TYPE_CODE	NULL	VARCHAR2(30)	Line type code for the child line
LINE_NUMBER	NULL	NUMBER	Line number for the child line
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship to site identifier
SHIP_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on SHIP_TO_SITE_USE_ID
INVOICE_TO_SITE_USE_ID	NULL	NUMBER	Site identifier for the invoiced site information

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
BILL_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on the INVOICE_TO_SITE_USE_ID
CUSTOMER_TRX_ID	NULL	NUMBER	Identifier for RA_CUSTOMER_TRX
CUSTOMER_TRX_LINE_ID	NULL	NUMBER	Identifier for RA_CUSTOMER_TRX_LINES
ORIGINAL_GL_DATE	NULL	DATE	Original General ledger Date
GL_DATE	NULL	DATE	General ledger date
INVOICE_LINE_QUANTITY	NULL	NUMBER	Quantity invoiced for entire order line
INVOICE_QUANTITY	NULL	NUMBER	Quantity invoiced for invoice line
ORDER_LINE_QUANTITY	NULL	NUMBER	Order quantity for order line
SHIP_QUANTITY	NULL	NUMBER	Actual shipment quantity
INVOICED_AMOUNT	NULL	NUMBER	Invoiced amount
COGS_AMOUNT	NULL	NUMBER	Cost of goods sold amount
SALES_ACCOUNT	NULL	NUMBER	Sales account identifier
COGS_ACCOUNT	NULL	NUMBER	Cost of goods sold identifier
TERRITORY_ID	NULL	NUMBER	Territory identifier
CUSTOMER_CLASS_CODE	NULL	VARCHAR2(30)	Industry identifier
MARGIN	NULL	NUMBER	Margin
MARGIN_PCT	NULL	NUMBER	Margin percentage
RETURN_REFERENCE_TYPE_CODE	NULL	VARCHAR2(30)	Return reference type identifier for the RMA lines
RETURN_REFERENCE_ID	NULL	NUMBER	Return reference identifier for the RMA lines
LINK_TO_LINE_ID	NULL	NUMBER	Parent line identifier if RETURN_REFERENCE_TYPE_CODE is populated
RMA_HEADER_ID	NULL	NUMBER	Header identifier for the RMA lines
RMA_NUMBER	NULL	NUMBER	Order number for the RMA lines
RMA_INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier for the RMA lines
RMA_LINE_ID	NULL	NUMBER	Line identifier for the RMA lines
RMA_LINE_NUMBER	NULL	NUMBER	Line number for the RMA lines
RMA_ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the RMA lines
RMA_LINE_TYPE_CODE	NULL	VARCHAR2(30)	Line type code for the RMA lines
RMA_SHIP_TO_SITE_USE_ID	NULL	NUMBER	Site identifier for the shipped site for the RMA lines
RMA_INVOICE_INVENTORY_ITEM_ID	NULL	NUMBER	Invoiced inventory item identifier for the RMA lines
CR_TRX_ID	NULL	NUMBER	Credit memo identifier in RA_CUSTOMER_TRX
CR_TRX_LINE_ID	NULL	NUMBER	Credit memo Identifier in RA_CUSTOMER_TRX_LINES
PERIOD_NAME_YEAR	NULL	VARCHAR2(15)	Year name from General Ledger Periods
PERIOD_NUM_YEAR	NULL	NUMBER	Number identifier of Year in General Ledger Period
PERIOD_NAME_QTR	NULL	VARCHAR2(15)	Quarter name from General Ledger Periods
PERIOD_NUM_QTR	NULL	NUMBER	Number identifier of Quarter in General Ledger Period
PERIOD_SEQ_QTR	NULL	NUMBER	Sequence of General Ledger Period Quarter

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PERIOD_NAME_MONTH	NULL	VARCHAR2(15)	Month name from General Ledger Periods
PERIOD_NUM_MONTH	NULL	NUMBER	Number identifier of Month in General Ledger Period
PERIOD_SEQ_MONTH	NULL	NUMBER	Sequence of General Ledger Period Month
OE_ITEM_CATEGORY_ID	NULL	NUMBER	Item Category Identifier based on the default category set of the OE functional area
AREA_CODE	NULL	VARCHAR2(30)	Identifier of Area level of the BIS geography dimension
COUNTRY_CODE	NULL	VARCHAR2(2)	Identifier of Country level of the BIS geography dimension
REGION_CODE	NULL	VARCHAR2(30)	Identifier of Region level of the BIS geography dimension
AREA_NAME	NULL	VARCHAR2(80)	Name of Area level of the BIS geography dimension
COUNTRY_NAME	NULL	VARCHAR2(80)	Name of Country level of the BIS geography dimension
REGION_NAME	NULL	VARCHAR2(80)	Name of Region level of the BIS geography dimension
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	Name of Operating Unit

Indexes

Index Name	Index Type	Sequence	Column Name
CST_BIS_MARGIN_SUMMARY_N1	NOT UNIQUE	10	HEADER_ID
		20	LINE_ID
		30	GL_DATE
		40	CUSTOMER_ID
		50	PRIMARY_SALESREP_ID
		60	SALES_CHANNEL_CODE
		70	INVENTORY_ITEM_ID
		80	LEGAL_ENTITY_ID
		90	ORG_ID
CST_BIS_MARGIN_SUMMARY_N2	NOT UNIQUE	10	CUSTOMER_ID
		20	ORG_ID
		30	GL_DATE
CST_BIS_MARGIN_SUMMARY_N3	NOT UNIQUE	10	SALES_CHANNEL_CODE
		20	CUSTOMER_ID
		30	PARENT_INVENTORY_ITEM_ID
		40	PARENT_ORGANIZATION_ID
		50	ORG_ID
		60	SHIP_TO_SITE_USE_ID
		70	INVOICE_TO_SITE_USE_ID
		80	GL_DATE
		90	PERIOD_NAME_MONTH
		100	LEGAL_ENTITY_ID
		110	HEADER_ID
CST_BIS_MARGIN_SUMMARY_U1	UNIQUE	10	MARGIN_PK

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_CG_WIP_ACCT_CLASSES

CST_CG_WIP_ACCT_CLASSES stores information about WIP accounting classes for cost groups. This information is entered using the WIP Accounting Classes for Cost Groups window in Oracle Cost Management.

Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
CLASS_CODE (PK)	NOT NULL	VARCHAR2(10)	Class code
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Inactive On/After
REQUEST_ID	NULL	NUMBER	Request identifier
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_CG_WIP_ACCT_CLASSES_N1	NOT UNIQUE	2	CLASS_CODE
		4	ORGANIZATION_ID
CST_CG_WIP_ACCT_CLASSES_U1	UNIQUE	2	COST_GROUP_ID
		4	ORGANIZATION_ID
		6	CLASS_CODE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COMP_SNAPSHOT

CST_COMP_SNAPSHOT contains snapshot information from WIP_OPERATIONS. When the user performs a WIP assembly completion, assembly return, or scrap transaction, operation information such as assembly units completed at each operation step and other details from WIP_OPERATIONS are inserted into this table.

In an average costing organization, when the user completes assemblies and chooses the "Use Actual Resources" system option, the information in CST_COMP_SNAPSHOT is used by the Actual Cost Worker (CMCACW) to calculate the cost of WIP assembly completion, assembly return, and scrap transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP entity identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number
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
NEW_OPERATION_FLAG	NULL	NUMBER	Indicates that this operation was added after the job was released
PRIMARY_QUANTITY	NOT NULL	NUMBER	Quantity in primary UOM
QUANTITY_COMPLETED	NOT NULL	NUMBER	Number of units completed by the operation
PRIOR_COMPLETION_QUANTITY	NULL	NUMBER	Total number of units completed for the job prior to this transaction
PRIOR_SCRAP_QUANTITY	NULL	NUMBER	Total number of units scrapped for the job prior to this transaction
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COMP_SNAPSHOT_U1	UNIQUE	1	TRANSACTION_ID
		2	WIP_ENTITY_ID
		3	OPERATION_SEQ_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COMP_SNAP_INTERFACE

CST_COMP_SNAP_INTERFACE temporarily stores operation information such as assembly units completed at each operation step and other details before loading into Oracle Cost Management.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID (PK)	NOT NULL	NUMBER	Transaction identifier
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP entity identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number
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
NEW_OPERATION_FLAG	NULL	NUMBER	Indicates that this operation was added after the job was released
PRIMARY_QUANTITY	NOT NULL	NUMBER	Quantity in primary UOM
QUANTITY_COMPLETED	NOT NULL	NUMBER	Number of units completed by the operation
PRIOR_COMPLETION_QUANTITY	NULL	NUMBER	Total number of units completed for the job prior to this transaction
PRIOR_SCRAP_QUANTITY	NULL	NUMBER	Total number of units scrapped for the job prior to this transaction
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COMP_SNAP_INTERFACE_U1	UNIQUE	1	TRANSACTION_INTERFACE_ID
		2	WIP_ENTITY_ID
		3	OPERATION_SEQ_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COMP_SNAP_TEMP

CST_COMP_SNAP_TEMP is a temporary table containing information from CST_COMP_SNAPSHOT. This table is for internal use only.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_TEMP_ID (PK)	NOT NULL	NUMBER	Temporary transaction identifier
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP entity identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number
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
NEW_OPERATION_FLAG	NULL	NUMBER	Indicated that this operation was added after the job was released
PRIMARY_QUANTITY	NOT NULL	NUMBER	Primary quantity
QUANTITY_COMPLETED	NOT NULL	NUMBER	Number of units completed by the operation
PRIOR_COMPLETION_QUANTITY	NULL	NUMBER	Total number of units completed for the job prior to this transaction
PRIOR_SCRAP_QUANTITY	NULL	NUMBER	Total number of units scrapped for the job prior to this transaction
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COMP_SNAP_TEMP_U1	NOT UNIQUE	1	TRANSACTION_TEMP_ID
		2	WIP_ENTITY_ID
		3	OPERATION_SEQ_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_ELEMENTS

CST_COST_ELEMENTS stores the five seeded cost elements: Material, Material Overhead, Resource, Outside Processing, and Overhead.

Column Descriptions

Name	Null?	Type	Description
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost 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
COST_ELEMENT	NOT NULL	VARCHAR2(50)	Cost element name
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COST_ELEMENTS_U1	UNIQUE	1	COST_ELEMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_ELEM_EXP_TYPES

CST_COST_ELEM_EXP_TYPES stores information about the expenditure types that are associated with cost elements. This information is entered using the Expenditure Types for Cost Elements window in Oracle Cost Management.

Column Descriptions

Name	Null?	Type	Description
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
EXPENDITURE_TYPE_IN	NULL	VARCHAR2(30)	Expenditure type for transfers into a project
EXPENDITURE_TYPE_OUT	NULL	VARCHAR2(30)	Expenditure type for transfers out of a project
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 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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COST_ELEM_EXP_TYPES_U1	UNIQUE	2	COST_ELEMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_GROUPS

Stores cost group definitions. Cost groups are used in average costing and project manufacturing. A cost group can be associated with a specific average costing organization or can be a multiple organization cost group. A cost group that is associated with a project that spans multiple inventory organizations must be a multiple organization cost group. A multiple organization 'common' cost group is seeded in the table. Multiple projects can share a cost group. In addition, cost groups can also be used as organization cost groups for periodic costing. Identified by cost group type, the organization cost group is used for periodic costing to calculate costs for a collection of one or more inventory organizations within a legal entity.

Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost Group 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 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
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
COST_GROUP	NOT NULL	VARCHAR2(10)	Cost group name
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Inactive On/After
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
LEGAL_ENTITY	NULL	NUMBER	Legal Entity Identifier
COST_GROUP_TYPE	NULL	NUMBER	Cost group type based on the CST_COST_GROUP_TYPE lookup type

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COST_GROUPS_N1	NOT UNIQUE	1	COST_GROUP
		2	ORGANIZATION_ID
CST_COST_GROUPS_U1	UNIQUE	1	COST_GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_GROUP_ACCOUNTS

Stores all the pertinent accounts for a cost group for an average costing organization.

Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group 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
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
MATERIAL_ACCOUNT	NULL	NUMBER	Inventory material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Resource labor account
OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory overhead account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Outside processing account
AVERAGE_COST_VAR_ACCOUNT	NULL	NUMBER	Average cost variance account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
PAYBACK_MAT_VAR_ACCOUNT	NULL	NUMBER	Borrow payback variance account for material
PAYBACK_RES_VAR_ACCOUNT	NULL	NUMBER	Borrow payback variance account for resource
PAYBACK_OSP_VAR_ACCOUNT	NULL	NUMBER	Borrow payback variance account for outside processing
PAYBACK_MOH_VAR_ACCOUNT	NULL	NUMBER	Borrow payback variance account for material overhead
PAYBACK_OVH_VAR_ACCOUNT	NULL	NUMBER	Borrow payback variance account for overhead
EXPENSE_ACCOUNT	NULL	NUMBER	Expense Account

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COST_GROUP_ACCOUNTS_U1	UNIQUE	2	COST_GROUP_ID
		4	ORGANIZATION_ID

Sequences

Sequence	Derived Column
CST_COST_GROUPS_S	COST_GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_GROUP_ASSIGNMENTS

The CST_COST_GROUP_ASSIGNMENTS table stores the association between one or more inventory organizations within a legal entity to an organization cost group. Periodic costs are calculated at the organization cost group level.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier assigned to the cost group
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
REQUEST_ID	NULL	NUMBER	Extended Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who Column
PROGRAM_ID	NULL	NUMBER	Extended Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COST_GROUP_ASSIGNMENTS_U1	UNIQUE	1	COST_GROUP_ID
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_TYPES

CST_COST_TYPES stores cost type definitions. The table is seeded with three cost types: Frozen, Average, and Pending. The Frozen cost type is used in standard costing organizations. The average cost type is used in average costing organizations. All costs reference a cost type.
PL_ELEMENT_FLAG, PL_RESOURCE_FLAG, PL_OPERATION_FLAG, PL_ACTIVITY_FLAG values are used by the Cost Rollup to determine whether to group rollup costs by cost element, sub element, operation sequence number, or activity.
BOM_SNAPSHOT_FLAG is used by the Cost Rollup to determine whether to save the bill structure when rolling up costs for a cost type.

Column Descriptions

Name	Null?	Type	Description
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type 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
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
COST_TYPE	NOT NULL	VARCHAR2(10)	Cost type name
DESCRIPTION	NULL	VARCHAR2(240)	Description
COSTING_METHOD_TYPE	NOT NULL	NUMBER	Costing method used, standard or average
FROZEN_STANDARD_FLAG	NULL	NUMBER	Whether it is frozen standard cost type or not
DEFAULT_COST_TYPE_ID	NOT NULL	NUMBER	Cost type identifier used as the default cost type when rolling up costs
BOM_SNAPSHOT_FLAG	NOT NULL	NUMBER	Whether to save the bill structure when rolling up costs
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator
ALLOW_UPDATES_FLAG	NULL	NUMBER	Whether the costs defined for this cost type can be changed
PL_ELEMENT_FLAG	NOT NULL	NUMBER	Whether to group previous level cost by cost element
PL_RESOURCE_FLAG	NOT NULL	NUMBER	Whether to group previous level cost by subelement
PL_OPERATION_FLAG	NOT NULL	NUMBER	Whether to group previous level cost by operation sequence number
PL_ACTIVITY_FLAG	NOT NULL	NUMBER	Whether to group previous level cost by activity
DISABLE_DATE	NULL	DATE	Inactive On/After
AVAILABLE_TO_ENG_FLAG	NULL	NUMBER	Whether the set of cost for this cost type is available for Oracle Engineering
COMPONENT_YIELD_FLAG	NOT NULL	NUMBER	Whether to consider component yield factor when rolling up costs
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COST_TYPES_U1	UNIQUE	1	COST_TYPE_ID
CST_COST_TYPES_U2	UNIQUE	1	COST_TYPE
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_TYPE_HISTORY

CST_COST_TYPE_HISTORY stores Cost Rollup information and cost type purge information. You can obtain information about prior Cost Rollups by requesting an Indented Bills of Material Cost Report.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_ALTERNATE_DESIGNATORS	ALTERNATE_DESIGNATOR_CODE	ALTERNATE_BOM_DESIGNATOR
BOM_ALTERNATE_DESIGNATORS	ALTERNATE_DESIGNATOR_CODE	ALTERNATE_RTG_DESIGNATOR
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_CATEGORY_SETS_B	CATEGORY_SET_ID	CATEGORY_SET_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENGINEERING_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PURGE_OPTION	CST_PURGE_TYPE	MFG_LOOKUPS
	1	Not based on rollup items, costs and controls
	2	Based on rollup items, costs and controls
	3	Resource costs
	4	Resource/Overhead associations
	5	Department overhead costs and rates
	6	Cost type and all costs
RANGE	CST_ITEM_RANGE	MFG_LOOKUPS
	1	All items
	2	Specific item
	3	Range of items
	4	Zero cost items
	5	Category
	6	Based on rollup items
	7	Not based on rollup items
REPORT_OPTION	CST_RU_REPORT_OPTION	MFG_LOOKUPS
	1	Cost rollup – print report
	2	Cost rollup – no report
	3	Temporary rollup – print report
REPORT_TYPE	CST_RU_REPORT_TYPE	MFG_LOOKUPS
	1	Detail Indented
	2	Consolidated
ROLLUP_OPTION	CST_ROLLUP_TYPE	MFG_LOOKUPS
	1	Single level rollup
	2	Full cost rollup
UNIMPLEMENTED_ECN_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	No

Column Descriptions

Name	Null?	Type	Description
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type 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
ROLLUP_ID	NULL	NUMBER	Rollup identifier
ROLLUP_DATE	NULL	DATE	Cost Rollup run date
REPORT_OPTION	NULL	NUMBER	Report option
REPORT_TYPE	NULL	NUMBER	Report type
ROLLUP_OPTION	NULL	NUMBER	Rollup option, full or single level rollup
RANGE	NULL	NUMBER	Range option
REVISION_DATE	NULL	DATE	Effective date of the assembly
UNIMPLEMENTED_ECN_FLAG	NULL	NUMBER	Included unimplemented ECN in the cost type or not
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator
ALTERNATE_RTG_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing designator
ENGINEERING_FLAG	NULL	NUMBER	Include engineering bills or not
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
CATEGORY_SET_ID	NULL	NUMBER	Category set identifier
CATEGORY_ID	NULL	NUMBER	Category identifier
CATEGORY	NULL	VARCHAR2(240)	Category name
RANGE_LOW	NULL	VARCHAR2(240)	Inventory item from value
RANGE_HIGH	NULL	VARCHAR2(240)	Inventory item to value
PURGE_DATE	NULL	DATE	Date the cost type was deleted
PURGE_OPTION	NULL	NUMBER	Purge option
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COST_TYPE_HISTORY_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
CST_COST_TYPE_HISTORY_U1	UNIQUE	1	COST_TYPE_ID
		2	ORGANIZATION_ID
		3	ROLLUP_DATE
		4	PURGE_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_UPDATES

CST_COST_UPDATES stores a record for every Update Standard Cost request submitted. The adjustment columns for WIP may not include adjustments for resource or overhead rates. They only include standard cost adjustments for the items issued and completed from Oracle Work in Process.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INV_ADJUSTMENT_ACCOUNT
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_CATEGORY_SETS_B	CATEGORY_SET_ID	CATEGORY_SET_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	SINGLE_ITEM

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
RANGE_OPTION	CST_ITEM_RANGE	MFG_LOOKUPS
	1	All items
	2	Specific item
	3	Range of items
	4	Zero cost items
	5	Category
	6	Based on rollup items
	7	Not based on rollup items
SNAPSHOT_SAVED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
STATUS	CST_COST_UPDATE_STATUS	MFG_LOOKUPS
	–1	Error
	1	Pending
	2	Running
	3	Completed
UPDATE_ACTIVITY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
UPDATE_RESOURCE_OVHD_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
COST_UPDATE_ID (PK)	NOT NULL	NUMBER	Cost update session 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
STATUS	NOT NULL	NUMBER	Status of the cost update program

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost type identifier
UPDATE_DATE	NULL	DATE	Cost update session start time
DESCRIPTION	NOT NULL	VARCHAR2(240)	Description
RANGE_OPTION	NOT NULL	NUMBER	Item range option
UPDATE_RESOURCE_OVHD_FLAG	NOT NULL	NUMBER	Flag indicating whether resource and overhead costs should be updated
UPDATE_ACTIVITY_FLAG	NULL	NUMBER	Flag indicating whether activity cost should be updated
SNAPSHOT_SAVED_FLAG	NULL	NUMBER	Flag indicating whether adjustment details should be saved
INV_ADJUSTMENT_ACCOUNT	NULL	NUMBER	Code combination identifier for the inventory adjustment account
SINGLE_ITEM	NULL	NUMBER	Inventory item identifier
ITEM_RANGE_LOW	NULL	VARCHAR2(240)	Inventory item range from
ITEM_RANGE_HIGH	NULL	VARCHAR2(240)	Inventory item range to
CATEGORY_ID	NULL	NUMBER	Category identifier
CATEGORY_SET_ID	NULL	NUMBER	Category set identifier
INVENTORY_ADJUSTMENT_VALUE	NULL	NUMBER	Adjustment total for on–hand inventories
INTRANSIT_ADJUSTMENT_VALUE	NULL	NUMBER	Adjustment total for intransit inventories
WIP_ADJUSTMENT_VALUE	NULL	NUMBER	Adjustment total for Work in Process
SCRAP_ADJUSTMENT_VALUE	NULL	NUMBER	Adjustment total for scrap
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_COST_UPDATES_U1	UNIQUE	1	COST_UPDATE_ID
CST_COST_UPDATES_U2	UNIQUE	1	ORGANIZATION_ID
		2	COST_UPDATE_ID

Sequences

Sequence	Derived Column
CST_LISTS_S	COST_UPDATE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_COST_UPDATES_EFC

CST_COST_UPDATES_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_COST_UPDATES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ADJUSTMENT_VALUE	NULL	NUMBER	Adjustment total for on–hand inventories
WIP_ADJUSTMENT_VALUE	NULL	NUMBER	Adjustment total for work in progress
SCRAP_ADJUSTMENT_VALUE	NULL	NUMBER	Adjustment total for scrap
INTRANSIT_ADJUSTMENT_VALUE	NULL	NUMBER	Adjustment total for intransit inventories
COST_UPDATE_ID	NOT NULL	NUMBER	Cost update session identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_DEPARTMENT_OVERHEADS

CST_DEPARTMENT_OVERHEADS stores overhead rates by cost type. You can define overhead rates using the Overheads and Departments windows.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_RESOURCES	RESOURCE_ID	OVERHEAD_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID (PK)	NOT NULL	NUMBER	Department identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
OVERHEAD_ID (PK)	NOT NULL	NUMBER	Overhead sub–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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
BASIS_TYPE	NOT NULL	NUMBER	Basis
RATE_OR_AMOUNT	NOT NULL	NUMBER	Rate or amount for the overhead sub element
ACTIVITY_ID	NULL	NUMBER	Activity 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
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_DEPARTMENT_OVERHEADS_N1	NOT UNIQUE	1	OVERHEAD_ID
		2	COST_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
CST_DEPARTMENT_OVERHEADS_U1	UNIQUE	1	DEPARTMENT_ID
		2	COST_TYPE_ID
		3	OVERHEAD_ID
		4	BASIS_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_DEPARTMENT_OVERHEADS_EFC

CST_DEPARTMENT_OVERHEADS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_DEPARTMENT_OVERHEADS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
DEPARTMENT_ID	NOT NULL	NUMBER	Department Identifier
OVERHEAD_ID	NOT NULL	NUMBER	Overhead Identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
RATE_OR_AMOUNT	NOT NULL	NUMBER	Rate or Amount
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of books identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_DISTRIBUTION_MASTER

CST_DISTRIBUTION_MASTER is used to facilitate distribution processing for WIP

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCOUNTING_LINE_TYPE	CST_ACCOUNTING_LINE_TYPE	MFG_LOOKUPS
	1	Inv valuation
	10	Inter–org receivables
	11	Inter–org transfer credit
	12	Inter–org freight charge
	13	Average cost variance
	14	Intransit Inventory
	15	Encumbrance Reversal
	2	Account
	3	Overhead absorption
	4	Resource absorption
	5	Receiving Inspection
	6	Purchase price variance or rate variance
	7	WIP valuation
	8	WIP variance
	9	Inter–org payables
	99	Unknown
DISTRIBUTION_TYPE	CST_DISTRIBUTION_TYPE	MFG_LOOKUPS
	1	Resource
	2	Overhead

Column Descriptions

Name	Null?	Type	Description
DISTRIBUTION_TYPE (PK)	NOT NULL	NUMBER	Distribution type
ACCOUNTING_LINE_TYPE (PK)	NOT NULL	NUMBER	Accounting line 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ELEMENTAL_COSTS

CST_ELEMENTAL_COSTS stores the elemental item cost history for every cost update. One record is inserted for each cost element for each item. You can view this information in the Standard Cost History window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_UPDATES	COST_UPDATE_ID	COST_UPDATE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
COST_UPDATE_ID (PK)	NOT NULL	NUMBER	Cost update session identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost 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
STANDARD_COST	NULL	NUMBER	Elemental cost for the cost element after cost update
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ELEMENTAL_COSTS_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
CST_ELEMENTAL_COSTS_U1	UNIQUE	1	COST_UPDATE_ID
		2	ORGANIZATION_ID
		3	INVENTORY_ITEM_ID
		4	COST_ELEMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ELEMENTAL_COSTS_EFC

CST_ELEMENTAL_COSTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_ELEMENTAL_COSTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
STANDARD_COST	NULL	NUMBER	Standard Cost
COST_UPDATE_ID	NOT NULL	NUMBER	Cost Update Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ENCUMBRANCE_LINES

CST_ENCUMBRANCE_LINES stores accounting distributions associated with receipt transactions during periodic costing

Column Descriptions

Name	Null?	Type	Description
ENCUMBRANCE_LINE_ID	NOT NULL	NUMBER(15)	Unique Identifier
AE_HEADER_ID	NOT NULL	NUMBER(15)	Accounting Event Identifier
AE_LINE_NUMBER	NOT NULL	NUMBER	Accounting Entry Line Number
AE_LINE_TYPE_CODE	NULL	VARCHAR2(30)	Accounting Line Type Code
CODE_COMBINATION_ID	NULL	NUMBER(15)	Account Identifier
CURRENCY_CODE	NULL	VARCHAR2(15)	Currency Code
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency Conversion Type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency Conversion Date
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Exchange Rate
ENTERED_DR	NULL	NUMBER	Accounting Debit Entry
ENTERED_CR	NULL	NUMBER	Accounting Credit Entry
ACCOUNTED_DR	NULL	NUMBER	Accounting Debit entry in functional currency
ACCOUNTED_CR	NULL	NUMBER	Accounting Credit entry in functional currency
SOURCE_TABLE	NULL	VARCHAR2(30)	Accounting entry source table
SOURCE_ID	NULL	NUMBER(15)	Accounting source Identifier
RATE_OR_AMOUNT	NULL	NUMBER	Per Unit Rate
BASIS_TYPE	NULL	NUMBER	Basis Type for WIP
RESOURCE_ID	NULL	NUMBER(15)	Resource Identifier for WIP
COST_ELEMENT_ID	NULL	NUMBER(15)	Cost Element Identifier
ACTIVITY_ID	NULL	NUMBER(15)	Activity Identifier
REPETITIVE_SCHEDULE_ID	NULL	NUMBER(15)	Repetitive Schedule Identifier
OVERHEAD_BASIS_FACTOR	NULL	NUMBER	Overhead Basis Factor for WIP
BASIS_RESOURCE_ID	NULL	NUMBER(15)	Basis Resource Identifier for WIP
GL_SL_LINK_ID	NULL	NUMBER(15)	Link to General Ledger
DESCRIPTION	NULL	VARCHAR2(240)	Description of Accounting Entry line
ACCOUNTING_ERROR_CODE	NULL	VARCHAR2(30)	Accounting Error Code
STAT_AMOUNT	NULL	NUMBER	Stat Amount
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	USSGL Transaction Code
SUBLEDGER_DOC_SEQUENCE_ID	NULL	NUMBER(15)	Subledger Document Sequence Identifier
SUBLEDGER_DOC_SEQUENCE_VALUE	NULL	NUMBER	Subledger Document Sequence Value
GL_TRANSFER_ERROR_CODE	NULL	VARCHAR2(240)	General Ledger Transfer Error Code
ENCUMBRANCE_TYPE_ID	NOT NULL	NUMBER	Encumbrance Type Identifier
REFERENCE1	NULL	VARCHAR2(240)	Reference column
REFERENCE2	NULL	VARCHAR2(240)	Reference column
REFERENCE3	NULL	VARCHAR2(240)	Reference column
REFERENCE4	NULL	VARCHAR2(240)	Reference column
REFERENCE5	NULL	VARCHAR2(240)	Reference column
REFERENCE6	NULL	VARCHAR2(240)	Reference column
REFERENCE7	NULL	VARCHAR2(240)	Reference column
REFERENCE8	NULL	VARCHAR2(240)	Reference column
REFERENCE9	NULL	VARCHAR2(240)	Reference column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REFERENCE10	NULL	VARCHAR2(240)	Reference column
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
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Standard Who column
PROGRAM_ID	NULL	NUMBER(15)	Standard Who column
REQUEST_ID	NULL	NUMBER(15)	Standard Who column
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase Order Distribution Identifier for Receiving Transactions

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_EXPLOSION_TEMP

CST_EXPLOSION_TEMP stores temporary, indented bill of material structures and is populated during the Cost Rollup process.

GROUP_ID identifies all rows generated by an explosion. DELETED and LOOP_COUNT are used by the exploder during the explosion process to compute low level codes.

CST_EXPLOSION_TEMP is used only for full Cost Rollups, for all items, and when no report is requested in the Cost Rollup.

Column Descriptions

Name	Null?	Type	Description
GROUP_ID	NULL	NUMBER	Explosion identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Assembly item identifier
COMPONENT_ITEM_ID	NULL	NUMBER	Component item identifier
DELETED	NULL	VARCHAR2(1)	Indicates if assembly has been assigned a low level code
LOOP_COUNT	NULL	NUMBER	Explosion iteration at which assembly is assigned a low level code
TOP_BILL_SEQUENCE_ID	NULL	NUMBER	Bill identifier of level 0 items
TOP_ALTERNATE_DESIGNATOR	NULL	VARCHAR2(10)	Alternate designator for level 0
PLAN_LEVEL	NULL	NUMBER	Level in bill

Indexes

Index Name	Index Type	Sequence	Column Name
CST_EXPLOSION_TEMP_N1	NOT UNIQUE	4	ASSEMBLY_ITEM_ID
		6	GROUP_ID
		8	LOOP_COUNT
CST_EXPLOSION_TEMP_N2	NOT UNIQUE	2	GROUP_ID
		4	COMPONENT_ITEM_ID
		6	DELETED
CST_EXPLOSION_TEMP_N3	NOT UNIQUE	8	GROUP_ID
		12	PLAN_LEVEL
		14	COMPONENT_ITEM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_INQUIRY_TEMP

CST_INQUIRY_TEMP stores item cost information used by the View Item Cost Information window for each inquiry session. The window has two templates (summary and summary by level) to display item costs.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
VALUE_ADDED_ACTIVITY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
SESSION_ID	NOT NULL	NUMBER	Oracle session identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost type identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number in a routing
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier
ACTIVITY_ID	NULL	NUMBER	Activity identifier
RESOURCE_ID	NULL	NUMBER	Resource identifier (subelement)
ITEM_COST	NOT NULL	NUMBER	Item unit cost
COST_ELEMENT_ID	NULL	NUMBER	Cost element identifier
THIS_LEVEL_COSTS	NULL	NUMBER	This level cost
PREVIOUS_LEVEL_COSTS	NULL	NUMBER	Previous level cost
COLUMN1_VALUE_2A	NULL	VARCHAR2(240)	Column 1 value for the Summary By Level template in the View Item Cost information
COLUMN2_VALUE_2A	NULL	VARCHAR2(240)	Column 2 value for the Summary By Level template in the View Item Cost information
COLUMN1_VALUE_2B	NULL	VARCHAR2(240)	Column 1 value for the Summary template in the View Item Cost information
COLUMN2_VALUE_2B	NULL	VARCHAR2(240)	Column 2 value for the Summary template in the View Item Cost information
YIELDED_COSTS	NULL	NUMBER	Inflation in item cost for operation yield in WSM organizations
DESCRIPTION_COLUMN	NULL	VARCHAR2(240)	Column 3 value for the Summary template in the View Item Cost information
VALUE_ADDED_ACTIVITY_FLAG	NULL	NUMBER	Not currently used
GUI_COLUMN1	NULL	VARCHAR2(240)	Activity
GUI_COLUMN2	NULL	VARCHAR2(240)	Department code
GUI_DESCRIPTION	NULL	VARCHAR2(240)	Description

Indexes

Index Name	Index Type	Sequence	Column Name
CST_INQUIRY_TEMP_N1	NOT UNIQUE	1	SESSION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_INQUIRY_TYPES

CST_INQUIRY_TYPES stores item cost inquiry option information. This information is used by the View Item Costs Summary window.

The INQUIRY_NAME column stores the option name. The UNIQUE_ID column stores the unique identifier for INQUIRY_NAME. For example, UNIQUE_ID '13' corresponds to the inquiry 'Element by level.' You can create user–defined inquiries by entering 1 in the USER_DEFINED column. The UNIQUE_ID for user–defined inquiries is determined by the sequence CST_INQUIRY_TYPES_S.

Each inquiry is associated with a template type (GUI_TEMPLATE_TYPE). The template type determines which columns are displayed in the View Item Costs Summary window. For example, when an inquiry that is associated with the template type 'Single entity cost summary' is selected, two columns are displayed. However, when an inquiry that is associated with the template type 'Two entity cost summary' is selected, three columns are displayed.

The actual column headings displayed in the View Item Costs Summary window are determined by the exact inquiry selected. For example, although both the 'Activity Summary' and 'Element Summary' inquiries are associated with the two column 'Single entity cost summary' template type, the column headings Activity and Description (corresponding to GUI_COL2_PROMPT_BOTTOM and GUI_DESC_PROMPT) are displayed when the former is chosen, while the column headings Cost, Element, and Description (corresponding to GUI_COL2_PROMPT_TOP, GUI_COL2_PROMPT_BOTTOM and GUI_DESC_PROMPT) are displayed when the latter is chosen.

The VIEW_NAME column stores the view name that is used when the View Item Cost Summary window copies queried cost information to the CST_INQUIRY_TEMP table. Different views are used for different inquiries. For example, if you choose 'Activity summary,' the VIEW_NAME is 'CST_ELEMENT_COST_VIEW.'

FLEXFIELD_APPLICATION_ID and DESCRIPTIVE_FLEXFI ELD_NAME store the application identifier and descriptive flexfield name for those inquiry options that display costs by flexfield segment value and require the user to choose a flexfield segment. They are used to retrieve segments for the flexfield.

INVENTORY_FLAG specifies whether this option is available in a standalone inventory installation. Some of the detail options are not

Oracle Proprietary, Confidential Information—Use Restricted by Contract

needed for standalone inventory installations, such as Element by operation.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CHAR_GUI_AVAILABLE	CST_INQUIRY_CHAR_GUI	MFG_LOOKUPS
	1	Character mode only
	2	GUI mode only
	3	Character and GUI mode
GUI_TEMPLATE_TYPE	CST_TEMPLATE_TYPE_GUI	MFG_LOOKUPS
	1	Single entity cost summary
	2	Single entity cost summary by level
	3	Two entity cost summary
	4	Two entity cost summary by level
	5	Cost summary by flexfield segment
	6	Cost summary by flexfield segment by level
	7	Total cost summary
	8	Total cost summary by level
INVENTORY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
USER_DEFINED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
UNIQUE_ID (PK)	NOT NULL	NUMBER	Unique identifier for the inquiry name
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
INQUIRY_NAME	NOT NULL	VARCHAR2(50)	Cost type detail option
DESCRIPTION	NULL	VARCHAR2(240)	Inquiry option description
USER_DEFINED	NOT NULL	NUMBER	User defined option
TEMPLATE_TYPE	NOT NULL	NUMBER	No longer used
GUI_TEMPLATE_TYPE	NULL	NUMBER	Template type
VIEW_NAME	NOT NULL	VARCHAR2(30)	Name of view to be copied into CST_INQUIRY_TEMP
COLUMN1_HEADING	NULL	VARCHAR2(50)	No longer used
COLUMN2_HEADING	NULL	VARCHAR2(50)	No longer used
DESCRIPTION_COLUMN_HEADING	NULL	VARCHAR2(50)	No longer used
GUI_COL1_PROMPT_TOP	NULL	VARCHAR2(50)	First line of column heading for GUI_COL1
GUI_COL1_PROMPT_BOTTOM	NULL	VARCHAR2(50)	Second line of column heading for GUI_COL1
GUI_COL2_PROMPT_TOP	NULL	VARCHAR2(50)	First line of column heading for GUI_COL2
GUI_COL2_PROMPT_BOTTOM	NULL	VARCHAR2(50)	Second line of column heading for GUI_COL2

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GUI_DESC_PROMPT	NULL	VARCHAR2(50)	Column heading for description column
INVENTORY_FLAG	NULL	NUMBER	Stand–alone inventory installation
DISABLE_DATE	NULL	DATE	Inactive On/After
FLEXFIELD_APPLICATION_ID	NULL	NUMBER	Application identifier
DESCRIPTIVE_FLEXFIELD_NAME	NULL	VARCHAR2(150)	Descriptive Flexfield name
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column
CHAR_GUI_AVAILABLE	NOT NULL	NUMBER	Flag to determine which version of the application the view could appear in

Indexes

Index Name	Index Type	Sequence	Column Name
CST_INQUIRY_TYPES_U1	UNIQUE	1	UNIQUE_ID
CST_INQUIRY_TYPES_U2	UNIQUE	1	INQUIRY_NAME

Sequences

Sequence	Derived Column
CST_INQUIRY_TYPES_S	UNIQUE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_INTERFACE_ERRORS

CST_INTERFACE_ERRORS stores erroneous records from CST_ITEM_CST_DTLS_INTERFACE. Records may be inserted into this table when a Copy Cost Information request is submitted.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ERROR_TYPE	CST_INTERFACE_ENTITY_TYPE	MFG_LOOKUPS
	1	Resource
	2	Activity
	3	Department
	4	Based on resource
	5	Overhead

Column Descriptions

Name	Null?	Type	Description
GROUP_ID (PK)	NOT NULL	NUMBER	Group identifier
INVENTORY_ITEM	NULL	VARCHAR2(240)	Concatenated inventory item segment
ENTITY_CODE	NULL	VARCHAR2(80)	Erroneous entity code
ERROR_TYPE	NULL	NUMBER	Erroneous entity type

Indexes

Index Name	Index Type	Sequence	Column Name
CST_INTERFACE_ERRORS_N1	NOT UNIQUE	1	GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_INV_LAYERS

CST_INV_LAYERS stores the inventory layers for each receipt transaction. One inventory layer is created for each receipt into inventory. The inventory layers are created within an organization, item and cost group. The quantity and cost information is stored for the inventory layer.

Column Descriptions

Name	Null?	Type	Description
LAYER_ID	NOT NULL	NUMBER	Layer identifier
INV_LAYER_ID (PK)	NOT NULL	NUMBER	Inventory layer identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Item identifier
CREATION_QUANTITY	NOT NULL	NUMBER	Inventory layer creation quantity
LAYER_QUANTITY	NOT NULL	NUMBER	Current inventory layer quantity
LAYER_COST	NOT NULL	NUMBER	Inventory layer cost
CREATE_TRANSACTION_ID	NOT NULL	NUMBER	Transaction which created this layer
TRANSACTION_ACTION_ID	NULL	NUMBER	Transaction action identifier
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source identifier
TRANSACTION_SOURCE_TYPE_ID	NULL	NUMBER	Transaction source type identifier
TRANSACTION_SOURCE	NULL	VARCHAR2(240)	Transaction source number
UNBURDENED_COST	NULL	NUMBER	Item unit cost minus this level material overhead
BURDEN_COST	NULL	NUMBER	This level material overhead
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
CST_INV_LAYERS_N1	NOT UNIQUE	1	LAYER_ID
		2	TRANSACTION_SOURCE_TYPE_ID
		4	TRANSACTION_SOURCE_ID
		6	TRANSACTION_SOURCE
CST_INV_LAYERS_N2	NOT UNIQUE	1	LAYER_ID
		2	LAYER_QUANTITY
CST_INV_LAYERS_U1	UNIQUE	2	INV_LAYER_ID
CST_INV_LAYERS_U2	UNIQUE	2	LAYER_ID
		4	INV_LAYER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_INV_LAYER_COST_DETAILS

CST_INV_LAYER_COST_DETAILS is the child table of CST_INV_LAYERS. It stores the cost of the inventory layer elementally across levels.

Column Descriptions

Name	Null?	Type	Description
LAYER_ID (PK)	NOT NULL	NUMBER	Layer identifier
INV_LAYER_ID (PK)	NOT NULL	NUMBER	Inventory layer identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
LAYER_COST	NOT NULL	NUMBER	Inventory layer cost
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
CST_INV_LAYER_COST_DETAILS_U1	UNIQUE	2	INV_LAYER_ID
		4	LAYER_ID
		6	COST_ELEMENT_ID
		8	LEVEL_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ITEM_COSTS

CST_ITEM_COSTS stores item cost control information by cost type.

For standard costing organizations, the item cost control information for the Frozen cost type is created when you enter a new item. For average cost organizations, item cost control information is created when you transact the item for the first time.

You can use the Item Costs window to enter cost control information.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_COST_UPDATES	COST_UPDATE_ID	COST_UPDATE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BASED_ON_ROLLUP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
DEFAULTED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INVENTORY_ASSET_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type 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
INVENTORY_ASSET_FLAG	NOT NULL	NUMBER	Flag indicating whether the item is asset or expense
LOT_SIZE	NULL	NUMBER	Lot Size
BASED_ON_ROLLUP_FLAG	NULL	NUMBER	Flag indicating whether cost is to be rolled up
SHRINKAGE_RATE	NULL	NUMBER	Manufacturing shrinkage rate (for make item only)
DEFAULTED_FLAG	NOT NULL	NUMBER	Flag indicating whether the cost of the item is defaulted from the default cost type during cost rollup
COST_UPDATE_ID	NULL	NUMBER	Cost update session identifier
PL_MATERIAL	NULL	NUMBER	Previous level material cost

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous level material overhead cost
PL_RESOURCE	NULL	NUMBER	Previous level resource cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous level outside processing cost
PL_OVERHEAD	NULL	NUMBER	Previous level overhead cost
TL_MATERIAL	NULL	NUMBER	This level material cost
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This level material overhead cost
TL_RESOURCE	NULL	NUMBER	This level resource cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This level outside processing cost
TL_OVERHEAD	NULL	NUMBER	This level overhead cost
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material overhead cost
RESOURCE_COST	NULL	NUMBER	Resource cost
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside Processing cost
OVERHEAD_COST	NULL	NUMBER	Overhead cost
PL_ITEM_COST	NULL	NUMBER	Total previous level cost
TL_ITEM_COST	NULL	NUMBER	Total this level cost
ITEM_COST	NULL	NUMBER	Item unit cost
UNBURDENED_COST	NULL	NUMBER	Item unit cost minus this level material overhead
BURDEN_COST	NULL	NUMBER	This level material overhead
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
ROLLUP_ID	NULL	NUMBER(15)	Supply Chain Rollup identifier
ASSIGNMENT_SET_ID	NULL	NUMBER(15)	MRP assignment set identifier used in Supply Chain Rollup

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ITEM_COSTS_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	COST_TYPE_ID
CST_ITEM_COSTS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	COST_TYPE_ID
		3	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ITEM_COSTS_EFC

CST_ITEM_COSTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_ITEM_COSTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
RESOURCE_COST	NULL	NUMBER	Resource Cost
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
PL_ITEM_COST	NULL	NUMBER	Previous Level Item Cost
PL_RESOURCE	NULL	NUMBER	Previous Level Resource
UNBURDENED_COST	NULL	NUMBER	Unburdened Cost
TL_ITEM_COST	NULL	NUMBER	This Level Item Cost
OVERHEAD_COST	NULL	NUMBER	Overhead Cost
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
ITEM_COST	NULL	NUMBER	Item Cost
MATERIAL_COST	NULL	NUMBER	Material Cost
TL_RESOURCE	NULL	NUMBER	This Level Resource
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
PL_OVERHEAD	NULL	NUMBER	Previous Level Overhead
PL_MATERIAL	NULL	NUMBER	Previous Level Material
TL_OVERHEAD	NULL	NUMBER	This Level Overhead
TL_MATERIAL	NULL	NUMBER	This Level Material
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside Processing Cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous Level Outside Processing
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material Overhead Cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous Level Material Overhead
BURDEN_COST	NULL	NUMBER	Burden Cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This Level Outside Processing
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This Level Material Overhead
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ITEM_COSTS_INTERFACE

CST_ITEM_COSTS_INTERFACE is the interface table for CST_ITEM_COSTS. This table is used when a Copy Cost Information request is submitted.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_COST_UPDATES	COST_UPDATE_ID	COST_UPDATE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
INVENTORY_ASSET_FLAG	NULL	NUMBER	Flag indicating whether the item is asset or expense
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
COST_TYPE	NULL	VARCHAR2(10)	Cost type name
INVENTORY_ITEM	NULL	VARCHAR2(240)	Concatenated inventory item segments
GROUP_ID (PK)	NULL	NUMBER	Group identifier
LOT_SIZE	NULL	NUMBER	Lot size
BASED_ON_ROLLUP_FLAG	NULL	NUMBER	Flag indicating whether costs should be rolled up
SHRINKAGE_RATE	NULL	NUMBER	Manufacturing shrinkage rate (for make item only)
DEFAULTED_FLAG	NULL	NUMBER	Flag indicating whether the cost of the item is defaulted from the default cost type during cost roll up
COST_UPDATE_ID	NULL	NUMBER	Cost update session identifier
PL_MATERIAL	NULL	NUMBER	Previous level material cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous level material overhead cost
PL_RESOURCE	NULL	NUMBER	Previous level resource cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous level outside processing cost
PL_OVERHEAD	NULL	NUMBER	Previous level overhead cost
TL_MATERIAL	NULL	NUMBER	This level material cost
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This level material overhead cost
TL_RESOURCE	NULL	NUMBER	This level resource cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This level outside processing cost
TL_OVERHEAD	NULL	NUMBER	This level overhead cost
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material overhead cost

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
RESOURCE_COST	NULL	NUMBER	Resource cost
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside Processing cost
OVERHEAD_COST	NULL	NUMBER	Overhead cost
PL_ITEM_COST	NULL	NUMBER	Total previous level cost
TL_ITEM_COST	NULL	NUMBER	Total this level cost
ITEM_COST	NULL	NUMBER	Item unit cost
UNBURDENED_COST	NULL	NUMBER	Item unit cost minus this level material overhead
BURDEN_COST	NULL	NUMBER	This level material overhead
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
TRANSACTION_ID	NULL	NUMBER	Transaction identifier
PROCESS_FLAG	NULL	NUMBER	Not currently used
ITEM_NUMBER	NULL	VARCHAR2(81)	Not currently used
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Transaction type

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ITEM_COSTS_INTERFACE_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	COST_TYPE_ID
		3	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ITEM_COST_DETAILS

CST_ITEM_COST_DETAILS stores detailed cost information for an item for a cost type. It is the child table of CST_ITEM_COSTS.

There are three types of detailed item cost: User–defined, Defaulted, and Rolled up. User–defined costs can be entered in the Item Costs window. Defaulted and Rolled up costs are generated by Cost Rollup.

If the item does not have cost control information for the cost type you are rolling up, Cost Rollup copies this level detailed cost information from the default cost type and marks the rows as Defaulted. Previous level costs are rolled up costs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
BOM_RESOURCES	RESOURCE_ID	BASIS_RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_ITEM_COSTS	COST_TYPE_ID ORGANIZATION_ID INVENTORY_ITEM_ID	COST_TYPE_ID ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
LEVEL_TYPE	CST_LEVEL	MFG_LOOKUPS
	1	This
	2	Previous
ROLLUP_SOURCE_TYPE	CST_SOURCE_TYPE	MFG_LOOKUPS
	1	User defined
	2	Default
	3	Rolled up

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number in a routing
DEPARTMENT_ID	NULL	NUMBER	Department identifier
LEVEL_TYPE	NOT NULL	NUMBER	Level at which cost is incurred
ACTIVITY_ID	NULL	NUMBER	Activity identifier
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number in an operation
RESOURCE_ID	NULL	NUMBER	Resource identifier (sub–element)
RESOURCE_RATE	NULL	NUMBER	Resource unit cost
ITEM_UNITS	NULL	NUMBER	Number of item units the activity cost is applied to
ACTIVITY_UNITS	NULL	NUMBER	Number of activity units applied to the item cost
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Number of resource units, overhead rate, or activity unit cost per basis
BASIS_TYPE	NOT NULL	NUMBER	Basis
BASIS_RESOURCE_ID	NULL	NUMBER	Resource identifier that the resource overhead is based on
BASIS_FACTOR	NOT NULL	NUMBER	Basis factor
NET_YIELD_OR_SHRINKAGE_FACTOR	NOT NULL	NUMBER	Item shrinkage factor computed from the item shrinkage
ITEM_COST	NOT NULL	NUMBER	Item unit cost
COST_ELEMENT_ID	NULL	NUMBER	Cost element identifier
ROLLUP_SOURCE_TYPE	NOT NULL	NUMBER	Cost source
ACTIVITY_CONTEXT	NULL	VARCHAR2(30)	Structure defining column for the Activity Unit Information
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
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
YIELDED_COST	NULL	NUMBER	The yield cost as computed by the rollup process for WSM enabled organizations

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SOURCE_ORGANIZATION_ID	NULL	NUMBER(15)	Source organization identifier
VENDOR_ID	NULL	NUMBER(15)	Vendor identifier
ALLOCATION_PERCENT	NULL	NUMBER	Allocation percentage
VENDOR_SITE_ID	NULL	NUMBER(15)	Vendor site identifier
SHIP_METHOD	NULL	VARCHAR2(30)	Shipping method

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ITEM_COST_DETAILS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	COST_TYPE_ID
		3	INVENTORY_ITEM_ID
		4	COST_ELEMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ITEM_COST_DETAILS_EFC

CST_ITEM_COST_DETAILS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_ITEM_COST_DETAILS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
YIELDED_COST	NULL	NUMBER	Yielded Cost
BASIS_FACTOR	NOT NULL	NUMBER	Basis Factor
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Usage Rate Or Amount
RESOURCE_RATE	NULL	NUMBER	Resource Rate
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
ITEM_COST	NOT NULL	NUMBER	Item Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ITEM_CST_DTLS_INTERFACE

CST_ITEM_CST_DTLS_INTERFACE is the interface table for CST_ITEM_COST_DETAILS. This table is populated when a Copy Cost request is submitted.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
BOM_RESOURCES	RESOURCE_ID	BASIS_RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
LEVEL_TYPE	CST_LEVEL	MFG_LOOKUPS
	1	This
	2	Previous
ROLLUP_SOURCE_TYPE	CST_SOURCE_TYPE	MFG_LOOKUPS
	1	User defined
	2	Default
	3	Rolled up

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
GROUP_ID (PK)	NULL	NUMBER	Group identifier
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number in a routing
DEPARTMENT_ID	NULL	NUMBER	Department identifier
LEVEL_TYPE	NULL	NUMBER	Level at which cost is incurred
ACTIVITY_ID	NULL	NUMBER	Activity identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number in an operation
RESOURCE_ID	NULL	NUMBER	Resource identifier (sub–element)
RESOURCE_RATE	NULL	NUMBER	Resource unit cost
ITEM_UNITS	NULL	NUMBER	Number of item units the activity cost is applied to
ACTIVITY_UNITS	NULL	NUMBER	Number of activity units applied to the item cost
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Number of resource units, overhead rate, or activity unit cost per basis
BASIS_TYPE	NULL	NUMBER	Basis
BASIS_RESOURCE_ID	NULL	NUMBER	Resource identifier that the resource overhead is based on
BASIS_FACTOR	NULL	NUMBER	Basis factor
NET_YIELD_OR_SHRINKAGE_FACTOR	NULL	NUMBER	Item shrinkage factor computed from the item shrinkage
ITEM_COST	NULL	NUMBER	Item unit cost
COST_ELEMENT_ID	NULL	NUMBER	Cost element identifier
ROLLUP_SOURCE_TYPE	NULL	NUMBER	Cost source
ACTIVITY_CONTEXT	NULL	VARCHAR2(30)	Structure defining column for the Activity Unit Information
REQUEST_ID	NULL	NUMBER	Concurrent Who column
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
COST_TYPE	NULL	VARCHAR2(10)	Cost type name
INVENTORY_ITEM	NULL	VARCHAR2(240)	Concatenated inventory item segments
DEPARTMENT	NULL	VARCHAR2(10)	Department name
ACTIVITY	NULL	VARCHAR2(10)	Activity name
RESOURCE_CODE	NULL	VARCHAR2(10)	Resource code
BASIS_RESOURCE_CODE	NULL	VARCHAR2(10)	Resource code of resource on which an overhead is based
COST_ELEMENT	NULL	VARCHAR2(50)	Cost element name
ERROR_TYPE	NULL	NUMBER	Type of error
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
TRANSACTION_ID	NULL	NUMBER	Transaction identifier
PROCESS_FLAG	NULL	NUMBER	Not currently used

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_NUMBER	NULL	VARCHAR2(81)	Not currently used
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Transaction type
YIELDED_COST	NULL	NUMBER	The yield cost, applicable for WSM enabled organizations

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ITEM_CST_DTLS_INTERFACE_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	COST_TYPE_ID
		4	COST_ELEMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ITEM_OVERHEAD_DEFAULTS

CST_ITEM_OVERHEAD_DEFAULTS holds default material overhead rates for buy, make or all items. You can define default material overhead rates by organization or by item category. These defaults are used when you define your items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	MATERIAL_OVERHEAD_ID
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_CATEGORIES	CATEGORY_SET_ID	CATEGORY_SET_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
ITEM_TYPE	CST_MTL_ITEM_TYPE	MFG_LOOKUPS
	1	Make items
	2	Buy items
	3	All items

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
CATEGORY_SET_ID	NULL	NUMBER	Category set identifier
CATEGORY_ID (PK)	NULL	NUMBER	Category identifier
MATERIAL_OVERHEAD_ID (PK)	NULL	NUMBER	Material overhead sub element identifier
ITEM_TYPE (PK)	NULL	NUMBER	Type of item that the material overhead applies
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
ACTIVITY_ID	NULL	NUMBER	Activity identifier
BASIS_TYPE	NULL	NUMBER	Basis
ITEM_UNITS	NULL	NUMBER	Number of item units the activity cost is applied to
ACTIVITY_UNITS	NULL	NUMBER	Number of activity units applied to the item cost
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Number of resource units, overhead rate, or activity unit cost per basis
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ACTIVITY_CONTEXT	NULL	VARCHAR2(30)	Structure defining column for the Activity Unit Information

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ITEM_OVERHEAD_DEFAULTS_U1	UNIQUE	1	ORGANIZATION_ID
		2	ITEM_TYPE
		3	CATEGORY_ID
		4	MATERIAL_OVERHEAD_ID
		5	ACTIVITY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ITEM_OVERHEAD_DEFAULTS_EFC

CST_ITEM_OVERHEAD_DEFAULTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_ITEM_OVERHEAD_DEFAULTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ITEM_TYPE	NULL	NUMBER	Item Type
MATERIAL_OVERHEAD_ID	NULL	NUMBER	Material Overhead Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
CATEGORY_ID	NULL	NUMBER	Category Identifier
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Usage Rate Or Amount
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_LAYER_COST_DETAILS

CST_LAYER_COST_DETAILS stores detailed cost information by element and level. It is a child table of CST_QUANTITY_LAYERS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_QUANTITY_LAYERS	LAYER_ID	LAYER_ID

Column Descriptions

Name	Null?	Type	Description
LAYER_ID (PK)	NOT NULL	NUMBER	Layer identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level 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
ITEM_COST	NOT NULL	NUMBER	Item Cost

Indexes

Index Name	Index Type	Sequence	Column Name
CST_LAYER_COST_DETAILS_U1	UNIQUE	2	LAYER_ID
		4	COST_ELEMENT_ID
		6	LEVEL_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_LAYER_COST_DETAILS_EFC

CST_LAYER_COST_DETAILS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_LAYER_COST_DETAILS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
LAYER_ID	NOT NULL	NUMBER	Layer Id
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Id
ITEM_COST	NOT NULL	NUMBER	Item Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_LE_COST_TYPES

The CST_LE_COST_TYPES table holds information about the legal entity / cost type associations.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_ACCOUNTING_LIBRARIES	ACCOUNTING_LIB_ID	ACCOUNTING_LIBRARY_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_COST_TYPES	COST_TYPE_ID	PAC_RATES_COST_TYPE_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY (PK)	NOT NULL	NUMBER(15)	The organization_id of the legal entity
COST_TYPE_ID (PK)	NOT NULL	NUMBER	The ID of the cost type that will be associated with the legal entity.
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of Books identifier
PRIMARY_COST_METHOD	NOT NULL	NUMBER	Primary cost method obtained from lookups
PAC_RATES_COST_TYPE_ID	NOT NULL	NUMBER	Cost type identifier that will serve as rates
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
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATE_ACCT_ENTRIES	NULL	VARCHAR2(1)	Option that allows the user to create accounting entries for periodic costing
ACCOUNTING_LIBRARY_ID	NULL	NUMBER	ID of the accounting library that is to be used to create accounting distributions for the Legal Entity,Cost Type combination
POST_TO_GL	NULL	VARCHAR2(1)	Option that allows the user to post accounting entries to General Ledger
GL_TRANSFER_ALLOW_OVERRIDE	NULL	VARCHAR2(1)	Option that allows the user to change the default values for program parameters when transfer to General Ledger process is submitted
GL_TRANSFER_MODE	NULL	VARCHAR2(1)	General Ledger Interface Transfer Summary Level
GL_TRANSFER_SUBMIT_JOURNAL_IMP	NULL	VARCHAR2(1)	Option for submitting Journal Import to Oracle General Ledger at the same time as the transfer to General Ledger process

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
CST_LE_COST_TYPES_N1	NOT UNIQUE	1	CREATE_ACCT_ENTRIES
CST_LE_COST_TYPES_N2	NOT UNIQUE	1	POST_TO_GL
CST_LE_COST_TYPES_U1	UNIQUE	1	LEGAL_ENTITY
		2	COST_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_LISTS

CST_LISTS holds lists of items that the item list exploder generates for use by concurrent programs CMCCOC, CMCICU, CMCMEC, and CMRICU.

Column Descriptions

Name	Null?	Type	Description
LIST_ID (PK)	NOT NULL	NUMBER	List identifier
ENTITY_ID (PK)	NOT NULL	NUMBER	Generic entity identifier

Indexes

Index Name	Index Type	Sequence	Column Name
CST_LISTS_U1	UNIQUE	1	LIST_ID
		2	ENTITY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_LOW_LEVEL_CODES

CST_LOW_LEVEL_CODES is a temporary table. The low level codes for the items are inserted into this table during a Cost Rollup.

Notes:

- BOMPEXPL populates CST_LOW_LEVEL_CODES
- CSTPUCRU obtains the low level codes for the items being rolled up

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_TYPE_HISTORY	ROLLUP_ID	ROLLUP_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
ROLLUP_ID	NOT NULL	NUMBER	Rollup identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item 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
LOW_LEVEL_CODE	NOT NULL	NUMBER	Lowest bill level at which this item exists for this rollup
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_LOW_LEVEL_CODES_N1	NOT UNIQUE	1	ROLLUP_ID
		2	INVENTORY_ITEM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_MARGIN_BUILD

CST_MARGIN_BUILD stores the build information that is required to run Margin Analysis Reports. Submitting a Margin Analysis Load Run request populates this table. Submitting a Purge Margin Analysis Load Run request removes records from it.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
SO_HEADERS_ALL	HEADER_ID	HEADER_ID

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_NAME	NULL	VARCHAR2(80)	Legal Entity name
BUILD_ID (PK)	NOT NULL	NUMBER	Build identifier
BUILD_NAME	NOT NULL	VARCHAR2(60)	Build name
LEGAL_ENTITY_ID	NULL	NUMBER	Legal Entity identifier
BUILD_DESCRIPTION	NULL	VARCHAR2(255)	Description of the build
FROM_DATE	NULL	DATE	Build date from value
TO_DATE	NULL	DATE	Build date to value
ORG_ID	NULL	NUMBER	Operating unit
HEADER_ID	NULL	NUMBER	Header identifier for the sales order
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COST_TYPE_ID	NULL	NUMBER	Cost type identifier
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
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

Indexes

Index Name	Index Type	Sequence	Column Name
CST_MARGIN_BUILD_U1	UNIQUE	2	BUILD_ID
CST_MARGIN_BUILD_U2	UNIQUE	2	BUILD_NAME

Sequences

Sequence	Derived Column
CST_MARGIN_BUILD_S	BUILD_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_MARGIN_SUMMARY

CST_MARGIN_TEMP temporarily stores the detailed information that is used to build Margin Analysis Reports. Like CST_MARGIN_BUILD, Margin Analysis Load Run and Purge Margin Analysis Load Run requests populate and remove records from this table.

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_ID	NULL	NUMBER	Legal Entity Identifier
BUILD_ID	NOT NULL	NUMBER	Build identifier
SOURCE	NOT NULL	VARCHAR2(15)	Identifies source of the record
ROW_TYPE	NOT NULL	NUMBER	Identifies the type of a sales order line
ORIGIN	NOT NULL	NUMBER	Identifies the origin of the record
INVOICE_SOURCE	NULL	VARCHAR2(30)	Source of the invoice
PARENT_ROWID	NULL	ROWID	Identifier of SO_ORDER_LINES
ORDER_NUMBER	NULL	NUMBER	Order number of the sales order
ORG_ID	NULL	NUMBER	Operating unit
HEADER_ID	NULL	NUMBER	Order header identifier
ORDER_TYPE_ID	NULL	NUMBER	Order type identifier
CUSTOMER_ID	NULL	NUMBER	Customer identifier
SOLD_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on customer identifier
PRIMARY_SALESREP_ID	NULL	NUMBER	Primary sales representative identifier
SALES_CHANNEL_CODE	NULL	VARCHAR2(30)	Sales channel code identifier
PARENT_INVENTORY_ITEM_ID	NULL	NUMBER	Parent inventory item identifier in case of a non-standard item
PARENT_ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the parent item
PARENT_LINE_ID	NULL	NUMBER	Line identifier for the parent line
PARENT_LINE_NUMBER	NULL	NUMBER	Line number for the parent line
PARENT_ITEM_TYPE_CODE	NULL	VARCHAR2(30)	Type identifier of the parent item, i.e. Standard, Model, Class, etc.
PARENT_ATO_FLAG	NULL	VARCHAR2(1)	Flag indicating if the order line is for ATO
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier for the child line
ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the child line
LINE_ID	NULL	NUMBER	Line identifier for the child line
LINE_TYPE_CODE	NULL	VARCHAR2(30)	Line type code for the child line
LINE_NUMBER	NULL	NUMBER	Line number for the child line
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship to site identifier
SHIP_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on SHIP_TO_SITE_USE_ID
INVOICE_TO_SITE_USE_ID	NULL	NUMBER	Site identifier for the invoiced site information
BILL_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on the INVOICE_TO_SITE_USE_ID
CUSTOMER_TRX_ID	NULL	NUMBER	Identifier for RA_CUSTOMER_TRX

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CUSTOMER_TRX_LINE_ID	NULL	NUMBER	Identifier for RA_CUSTOMER_TRX_LINES
ORIGINAL_GL_DATE	NULL	DATE	Original General ledger Date
GL_DATE	NULL	DATE	General ledger date
INVOICE_LINE_QUANTITY	NULL	NUMBER	Quantity invoiced for entire order line
INVOICE_QUANTITY	NULL	NUMBER	Quantity invoiced for invoice line
ORDER_LINE_QUANTITY	NULL	NUMBER	Order quantity for order line
SHIP_QUANTITY	NULL	NUMBER	Actual shipment quantity
INVOICED_AMOUNT	NULL	NUMBER	Invoiced amount
COGS_AMOUNT	NULL	NUMBER	Cost of goods sold amount
SALES_ACCOUNT	NULL	NUMBER	Sales account identifier
COGS_ACCOUNT	NULL	NUMBER	Cost of goods sold identifier
TERRITORY_ID	NULL	NUMBER	Territory identifier
CUSTOMER_CLASS_CODE	NULL	VARCHAR2(30)	Industry identifier
MARGIN	NULL	NUMBER	Margin
MARGIN_PCT	NULL	NUMBER	Margin percentage
RETURN_REFERENCE_TYPE_CODE	NULL	VARCHAR2(30)	Return reference type identifier for the RMA lines
RETURN_REFERENCE_ID	NULL	NUMBER	Return reference identifier for the RMA lines
LINK_TO_LINE_ID	NULL	NUMBER	Parent line identifier if RETURN_REFERENCE_TYPE_CODE is populated
RMA_HEADER_ID	NULL	NUMBER	Header identifier for the RMA lines
RMA_NUMBER	NULL	NUMBER	Order number for the RMA lines
RMA_INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier for the RMA lines
RMA_LINE_ID	NULL	NUMBER	Line identifier for the RMA lines
RMA_LINE_NUMBER	NULL	NUMBER	Line number for the RMA lines
RMA_ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the RMA lines
RMA_LINE_TYPE_CODE	NULL	VARCHAR2(30)	Line type code for the RMA lines
RMA_SHIP_TO_SITE_USE_ID	NULL	NUMBER	Site identifier for the shipped site for the RMA lines
RMA_INVOICE_INVENTORY_ITEM_ID	NULL	NUMBER	Invoiced inventory item identifier for the RMA lines
CR_TRX_ID	NULL	NUMBER	Credit memo identifier in RA_CUSTOMER_TRX
CR_TRX_LINE_ID	NULL	NUMBER	Credit memo Identifier in RA_CUSTOMER_TRX_LINES
PERIOD_NAME_YEAR	NULL	VARCHAR2(15)	Year name from General Ledger Periods
PERIOD_NUM_YEAR	NULL	NUMBER	Number identifier of Year in General Ledger Period
PERIOD_NAME_QTR	NULL	VARCHAR2(15)	Quarter name from General Ledger Periods
PERIOD_NUM_QTR	NULL	NUMBER	Number identifier of Quarter in General Ledger Period
PERIOD_SEQ_QTR	NULL	NUMBER	Sequence of General Ledger Period Quarter
PERIOD_NAME_MONTH	NULL	VARCHAR2(15)	Month name from General Ledger Periods
PERIOD_NUM_MONTH	NULL	NUMBER	Number identifier of Month in General Ledger Period

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PERIOD_SEQ_MONTH	NULL	NUMBER	Sequence of General Ledger Period Month
OE_ITEM_CATEGORY_ID	NULL	NUMBER	Item Category Identifier based on the default category set of the OE functional area
AREA_CODE	NULL	VARCHAR2(30)	Identifier of Area level of the BIS geography dimension
COUNTRY_CODE	NULL	VARCHAR2(2)	Identifier of Country level of the BIS geography dimension
REGION_CODE	NULL	VARCHAR2(30)	Identifier of Region level of the BIS geography dimension
AREA_NAME	NULL	VARCHAR2(80)	Name of Area level of the BIS geography dimension
COUNTRY_NAME	NULL	VARCHAR2(80)	Name of Country level of the BIS geography dimension
REGION_NAME	NULL	VARCHAR2(80)	Name of Region level of the BIS geography dimension
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	Name of Operating Unit

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_MARGIN_TEMP

CST_MARGIN_TEMP temporarily stores the detailed information that is used to build Margin Analysis Reports. Like CST_MARGIN_BUILD, Margin Analysis Load Run and Purge Margin Analysis Load Run requests populate and remove records from this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RA_CUSTOMER_TRX_ALL	CUSTOMER_TRX_ID	CUSTOMER_TRX_ID
RA_CUSTOMER_TRX_LINES_ALL	CUSTOMER_TRX_LINE_ID	CUSTOMER_TRX_LINE_ID
SO_HEADERS_ALL	HEADER_ID	HEADER_ID
SO_LINES_ALL	LINE_ID	LINE_ID
SO_LINES_ALL	LINE_ID	PARENT_LINE_ID

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_ID	NULL	NUMBER	Legal Entity Identifier
BUILD_ID (PK)	NOT NULL	NUMBER	Build identifier
SOURCE	NOT NULL	VARCHAR2(15)	Identifies source of the record
ROW_TYPE	NOT NULL	NUMBER	Identifies the type of a sales order line
ORIGIN	NOT NULL	NUMBER	Identifies the origin of the record
INVOICE_SOURCE	NULL	VARCHAR2(30)	Source of the invoice
PARENT_ROWID	NULL	ROWID	Identifier of SO_ORDER_LINES
ORDER_NUMBER	NULL	NUMBER	Order number of the sales order
ORG_ID	NULL	NUMBER	Operating unit
HEADER_ID	NULL	NUMBER	Order header identifier
ORDER_TYPE_ID	NULL	NUMBER	Order type identifier
CUSTOMER_ID	NULL	NUMBER	Customer identifier
SOLD_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on customer identifier
PRIMARY_SALESREP_ID	NULL	NUMBER	Primary sales representative identifier
SALES_CHANNEL_CODE	NULL	VARCHAR2(30)	Sales channel code identifier
PARENT_INVENTORY_ITEM_ID	NULL	NUMBER	Parent inventory item identifier in case of a non–standard item
PARENT_ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the parent item
PARENT_LINE_ID	NULL	NUMBER	Line identifier for the parent line
PARENT_LINE_NUMBER	NULL	NUMBER	Line number for the parent line
PARENT_ITEM_TYPE_CODE	NULL	VARCHAR2(30)	Type identifier of the parent item, i.e. Standard, Model, Class, etc.
PARENT_ATO_FLAG	NULL	VARCHAR2(1)	Flag indicating if the order line is for ATO
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier for the child line
ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the child line
LINE_ID	NULL	NUMBER	Line identifier for the child line
LINE_TYPE_CODE	NULL	VARCHAR2(30)	Line type code for the child line

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_NUMBER	NULL	NUMBER	Line number for the child line
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship to site identifier
SHIP_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on SHIP_TO_SITE_USE_ID
INVOICE_TO_SITE_USE_ID	NULL	NUMBER	Site identifier for the invoiced site information
BILL_TO_CUSTOMER_NAME	NULL	VARCHAR2(50)	Customer name based on the INVOICE_TO_SITE_USE_ID
CUSTOMER_TRX_ID	NULL	NUMBER	Identifier for RA_CUSTOMER_TRX
CUSTOMER_TRX_LINE_ID	NULL	NUMBER	Identifier for RA_CUSTOMER_TRX_LINES
ORIGINAL_GL_DATE	NULL	DATE	Original General ledger Date
GL_DATE	NULL	DATE	General ledger date
INVOICE_LINE_QUANTITY	NULL	NUMBER	Quantity invoiced for entire order line
INVOICE_QUANTITY	NULL	NUMBER	Quantity invoiced for invoice line
ORDER_LINE_QUANTITY	NULL	NUMBER	Order quantity for order line
SHIP_QUANTITY	NULL	NUMBER	Actual shipment quantity
INVOICED_AMOUNT	NULL	NUMBER	Invoiced amount
COGS_AMOUNT	NULL	NUMBER	Cost of goods sold amount
SALES_ACCOUNT	NULL	NUMBER	Sales account identifier
COGS_ACCOUNT	NULL	NUMBER	Cost of goods sold identifier
TERRITORY_ID	NULL	NUMBER	Territory identifier
CUSTOMER_CLASS_CODE	NULL	VARCHAR2(30)	Industry identifier
MARGIN	NULL	NUMBER	Margin
MARGIN_PCT	NULL	NUMBER	Margin percentage
RETURN_REFERENCE_TYPE_CODE	NULL	VARCHAR2(30)	Return reference type identifier for the RMA lines
RETURN_REFERENCE_ID	NULL	NUMBER	Return reference identifier for the RMA lines
LINK_TO_LINE_ID	NULL	NUMBER	Parent line identifier if RETURN_REFERENCE_TYPE_CODE is populated
RMA_HEADER_ID	NULL	NUMBER	Header identifier for the RMA lines
RMA_NUMBER	NULL	NUMBER	Order number for the RMA lines
RMA_INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier for the RMA lines
RMA_LINE_ID	NULL	NUMBER	Line identifier for the RMA lines
RMA_LINE_NUMBER	NULL	NUMBER	Line number for the RMA lines
RMA_ORGANIZATION_ID	NULL	NUMBER	Organization identifier for the RMA lines
RMA_LINE_TYPE_CODE	NULL	VARCHAR2(30)	Line type code for the RMA lines
RMA_SHIP_TO_SITE_USE_ID	NULL	NUMBER	Site identifier for the shipped site for the RMA lines
RMA_INVOICE_INVENTORY_ITEM_ID	NULL	NUMBER	Invoiced inventory item identifier for the RMA lines
CR_TRX_ID	NULL	NUMBER	Credit memo identifier in RA_CUSTOMER_TRX
CR_TRX_LINE_ID	NULL	NUMBER	Credit memo Identifier in RA_CUSTOMER_TRX_LINES
PERIOD_NAME_YEAR	NULL	VARCHAR2(15)	Year name from General Ledger Periods
PERIOD_NUM_YEAR	NULL	NUMBER	Number identifier of Year in General Ledger Period

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PERIOD_NAME_QTR	NULL	VARCHAR2(15)	Quarter name from General Ledger Periods
PERIOD_NUM_QTR	NULL	NUMBER	Number identifier of Quarter in General Ledger Period
PERIOD_SEQ_QTR	NULL	NUMBER	Sequence of General Ledger Period Quarter
PERIOD_NAME_MONTH	NULL	VARCHAR2(15)	Month name from General Ledger Periods
PERIOD_NUM_MONTH	NULL	NUMBER	Number identifier of Month in General Ledger Period
PERIOD_SEQ_MONTH	NULL	NUMBER	Sequence of General Ledger Period Month
OE_ITEM_CATEGORY_ID	NULL	NUMBER	Item Category Identifier based on the default category set of the OE functional area
AREA_CODE	NULL	VARCHAR2(30)	Identifier of Area level of the BIS geography dimension
COUNTRY_CODE	NULL	VARCHAR2(2)	Identifier of Country level of the BIS geography dimension
REGION_CODE	NULL	VARCHAR2(30)	Identifier of Region level of the BIS geography dimension
AREA_NAME	NULL	VARCHAR2(80)	Name of Area level of the BIS geography dimension
COUNTRY_NAME	NULL	VARCHAR2(80)	Name of Country level of the BIS geography dimension
REGION_NAME	NULL	VARCHAR2(80)	Name of Region level of the BIS geography dimension
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	Name of Operating Unit

Indexes

Index Name	Index Type	Sequence	Column Name
CST_MARGIN_TEMP_N1	NOT UNIQUE	2	BUILD_ID
		4	HEADER_ID
CST_MARGIN_TEMP_N2	NOT UNIQUE	2	BUILD_ID
		4	PARENT_INVENTORY_ITEM_ID
CST_MARGIN_TEMP_N3	NOT UNIQUE	5	LEGAL_ENTITY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_MASS_EDITS

CST_MASS_EDITS stores a row of information about each Mass Edit Cost Information request. The information stored includes the mass edit concurrent program identifier, the mass edit name, and the stored procedure used. To remove a Mass Edit from your list of values, you must insert a disable date.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INVENTORY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
USER_DEFINED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
MASS_EDIT_ID (PK)	NOT NULL	NUMBER	Mass edit identifier
MASS_EDIT_NAME	NOT NULL	VARCHAR2(50)	Mass edit name
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
USER_DEFINED	NOT NULL	NUMBER	Flag indicating whether this mass edit procedure is user–defined
CONCURRENT_PROGRAM	NOT NULL	VARCHAR2(50)	Concurrent program name to run the mass edit
PROCEDURE_NAME	NULL	VARCHAR2(50)	Stored procedure name to run the mass edit
INVENTORY_FLAG	NULL	NUMBER	Not currently used
DISABLE_DATE	NULL	DATE	Inactive On/After
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_MASS_EDITS_U1	UNIQUE	1	MASS_EDIT_ID
CST_MASS_EDITS_U2	UNIQUE	1	MASS_EDIT_NAME

Sequences

Sequence	Derived Column
CST_MASS_EDITS_S	MASS_EDIT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_MGD_INFL_ADJUSTED_COSTS

CST_MGD_INFL_ADJUSTED_COSTS is used to store the value of the inflation adjusted cost. It contains one row for each item in each period. Each record is identified by the combinations INVENTORY_ITEM_ID, ORGANIZATION_ID, and ACCT_PERIOD_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_CATEGORIES	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
ACCT_PERIOD_ID	NOT NULL	NUMBER	Account Period 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
COUNTRY_CODE	NOT NULL	VARCHAR2(2)	Country Code
BEGIN_QTY	NOT NULL	NUMBER	Quantity on–hand at the start of the period
BEGIN_COST	NOT NULL	NUMBER	Cost at the start of the period
BEGIN_INFLATION_ADJ	NOT NULL	NUMBER	Inflation at the start of the period. Calculated from ending inflation of the previous period.
PURCHASE_QTY	NULL	NUMBER	Quantity purchased in the current period
PURCHASE_COST	NULL	NUMBER	Purchase cost for the current period
ACTUAL_QTY	NULL	NUMBER	Quantity on–hand in the current period
ACTUAL_COST	NULL	NUMBER	Cost of goods on–hand in the current period
ACTUAL_INFLATION_ADJ	NULL	NUMBER	Inflation adjustment for the current period
ISSUE_QTY	NULL	NUMBER	Quantity issued in the current period
ISSUE_COST	NULL	NUMBER	Cost of goods issued in the current period
ISSUE_INFLATION_ADJ	NULL	NUMBER	Inflation adjustment calculated from issue of goods.
INVENTORY_ADJ_ACCT_CR	NULL	NUMBER	Inventory Inflation Adjustment Account (Credit)
INVENTORY_ADJ_ACCT_DR	NULL	NUMBER	Inventory Inflation Adjustment Account (Debit)
MONETARY_CORR_ACCT_CR	NULL	NUMBER	Monetary Correction Account

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SALES_COST_ACCT_DR	NULL	NUMBER	Inflation Adjustments of Sales Cost Account
HISTORICAL_FLAG	NOT NULL	VARCHAR2(1)	Historical Data (Y/N)

Indexes

Index Name	Index Type	Sequence	Column Name
CST_MGD_INFL_ADJUSTED_COSTS_U1	UNIQUE	1	ORGANIZATION_ID
		5	INVENTORY_ITEM_ID
		10	ACCT_PERIOD_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_MGD_INFL_ADJ_KARDEX_DATA

CST_MGD_INFL_ADJ_KARDEX_DATA is a temporary table containing Kardex data for reporting. It is populated according to user parameters defined when the Kardex report is run.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_CATEGORIES	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
TXN_DATE	NULL	DATE	Transfer Date
TXN_TYPE	NULL	VARCHAR2(30)	Transfer Type
TXN_INI_QTY	NOT NULL	NUMBER	Initial Transfer Quantity
TXN_INI_UNIT_COST	NOT NULL	NUMBER	Initial Transfer Unit Cost
TXN_INI_H_TOTAL_COST	NOT NULL	NUMBER	Initial Transfer Historical Total Cost
TXN_INI_ADJ_TOTAL_COST	NOT NULL	NUMBER	Initial Transfer Adjustment Total Cost
TXN_QTY	NULL	NUMBER	Transfer Quantities
TXN_UNIT_COST	NULL	NUMBER	Transfer Unit Cost
TXN_H_TOTAL_COST	NULL	NUMBER	Transfer Historical Total Cost
TXN_ADJ_TOTAL_COST	NULL	NUMBER	Transfer Adjustment Total Cost
TXN_FNL_QTY	NOT NULL	NUMBER	Transfer Final Quantity
TXN_FNL_UNIT_COST	NOT NULL	NUMBER	Transfer Final Unit Cost
TXN_FNL_H_TOTAL_COST	NOT NULL	NUMBER	Transfer Final Historical Total Cost
TXN_FNL_ADJ_TOTAL_COST	NOT NULL	NUMBER	Transfer Final Adjustment Total Cost

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_MGD_INFL_ADJ_PER_STATUSES

CST_MGD_INFL_ADJ_PER_STATUSES is an extension of the ORG ACCOUNTING PERIOD entity. It is used to store the status of a period with respect to the Inflation Adjustment process. A row is inserted in this table when the transfer to General Ledger is completed for a given period, indicating that the period has been finalized.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
ACCT_PERIOD_ID	NOT NULL	NUMBER	Account Period 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
STATUS	NOT NULL	VARCHAR2(30)	Status of a period with respect to the Inflation Adjustment process

Indexes

Index Name	Index Type	Sequence	Column Name
CST_MGD_INFL_ADJ_PER_STATUS_U1	UNIQUE	1 5	ORGANIZATION_ID ACCT_PERIOD_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_MGD_INFL_TSF_ORG_ENTRIES

CST_MGD_INFL_TSF_ORG_ENTRIES is used to store the opposing organization's journal entry information for transfers. Once accounting is generated for a period and the transfer to General Ledger is completed, the data is deleted from this table. Journal entry value is stored in ENTERED_DR (debit) or ENTERED_CR (credit), but not both values in one row.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_CATEGORIES	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
ACCT_PERIOD_ID	NOT NULL	NUMBER	Account Period 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	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
COUNTRY_CODE	NOT NULL	VARCHAR2(2)	Country Code
TRANSFER_ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier for organization involved in transfer
ENTERED_DR	NULL	NUMBER	Debit amount entered as a result of the transfer
ENTERED_CR	NULL	NUMBER	Credit amount entered as a result of the transfer

Indexes

Index Name	Index Type	Sequence	Column Name
CST_MGD_INFL_TSF_ORG_U1	UNIQUE	5	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_ORG_COST_GROUP_ACCOUNTS

The CST_COST_GROUP_ACCOUNTS table stores the pertinent accounts used for Periodic Costing.

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_ID (PK)	NOT NULL	NUMBER(15)	Legal Entity Identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER(15)	Cost Type Identifier
COST_GROUP_ID (PK)	NOT NULL	NUMBER(15)	Cost Group Identifier
INVENTORY_OFFSET_ACCOUNT	NULL	NUMBER	Inventory Offset Account Number
COST_VARIANCE_ACCOUNT	NULL	NUMBER	Cost Variance Account Number
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who Column
PROGRAM_APPLICATION_ID	NULL	NUMBER(15)	Extended Who Column
PROGRAM_ID	NULL	NUMBER(15)	Extended Who Column
REQUEST_ID	NULL	NUMBER(15)	Extended Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_ORG_COST_GROUP_ACCOUNTS_U1	UNIQUE	1	LEGAL_ENTITY_ID
		2	COST_TYPE_ID
		4	COST_GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_ACCRUAL_ACCOUNTS_TEMP

Temporary table for storing accrual accounts for Accrual Reconciliation

Column Descriptions

Name	Null?	Type	Description
REQUEST_ID	NOT NULL	NUMBER	Standard Who column
ACCRUAL_ACCOUNT_ID	NOT NULL	NUMBER	Accrual Account unique identifier
LEGAL_ENTITY_ID	NOT NULL	NUMBER(15)	Legal entity unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_ACCRUAL_RECONCILE_TEMP

CST_PAC_ACCRUAL_RECONCILE_TEMP is a temporary table that stores information pertinent to Periodic Accrual Reconciliation Report. This table holds accrual information from Oracle Payables, Oracle Purchasing, Oracle Inventory and Oracle Work in Process.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_DATE	NOT NULL	DATE	Date for the transaction
INVENTORY_ITEM_ID	NULL	NUMBER	Item unique indentifier
TRANSACTION_QUANTITY	NULL	NUMBER	Quantity for the transaction, in the PO_UOM
PO_HEADER_ID	NULL	NUMBER	Document header unique identifier
PO_LINE_NUM	NULL	NUMBER	Purchase order Line number
PO_LINE_ID	NULL	NUMBER	Document line unique identifier
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier name
INVOICE_ID	NULL	NUMBER	Invoice unique identifier
INVOICE_LINE_NUM	NULL	NUMBER	Invoice distribution number
LINE_MATCH_ORDER	NULL	NUMBER	Line sequence number for matching
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
TRANSACTION_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Organization where transaction took place
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
ITEM_MASTER_ORGANIZATION_ID	NOT NULL	NUMBER	Item Master/Purchasing reference organization
ACCRUAL_ACCOUNT_ID	NOT NULL	NUMBER	Accrual account unique identifier
ACCRUAL_CODE	NULL	VARCHAR2(80)	Type of transaction or A/P match condition
PO_TRANSACTION_TYPE	NULL	VARCHAR2(25)	Purchasing transaction code
INVOICE_NUM	NULL	VARCHAR2(50)	Invoice number
RECEIPT_NUM	NULL	VARCHAR2(30)	Receipt number
PO_TRANSACTION_ID	NULL	NUMBER	Receiving transaction unique identifier
INV_TRANSACTION_ID	NULL	NUMBER	Inventory transaction unique identifier
INV_TRANSACTION_TYPE_ID	NULL	NUMBER	Inventory transaction type unique identifier
WIP_TRANSACTION_ID	NULL	NUMBER	WIP transaction unique identifier
WIP_TRANSACTION_TYPE_ID	NULL	NUMBER	WIP transaction type unique identifier
PO_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	PO unit of measure
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary unit of measure for the item
NET_PO_LINE_QUANTITY	NULL	NUMBER	Po line invoice quantity less PO line receipt quantity, for Release 9 calculations
PO_NUM	NULL	VARCHAR2(20)	PO number
PO_DISTRIBUTION_ID	NULL	NUMBER	Document distribution unique identifier
TRANSACTION_UNIT_PRICE	NULL	NUMBER	Unit price for the transaction

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
AVG_RECEIPT_PRICE	NULL	NUMBER	Average receipt price for the PO line
TRANSACTION_AMOUNT	NULL	NUMBER	Transaction debit or credit
TRANSACTION_SOURCE_CODE	NOT NULL	VARCHAR2(25)	Transaction source or subledger
WRITE_OFF_FLAG	NULL	VARCHAR2(1)	Indicates whether what has been written off
WRITE_OFF_ID	NULL	NUMBER	Write–off unique identifier
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destination type for the transaction
REASON_ID	NULL	NUMBER	Transaction reason unique identifier
COMMENTS	NULL	VARCHAR2(240)	Comments for accrual write–off
PERIOD_NAME	NULL	VARCHAR2(15)	Accounting period name
NET_PO_LINE_AMOUNT	NULL	NUMBER	PO line invoice amount less receipt amount. Used for IPV.
INVOICE_PRICE_VARIANCE	NULL	NUMBER	Invoice price variance
AGING_DATE	NULL	DATE	Earliest transaction date for the PO line
PERIOD_ID	NULL	NUMBER	Periodic costing period unique identifier
LINE_LOCATION_ID	NULL	NUMBER	Document line location unique identifier
VENDOR_NAME_ALT	NULL	VARCHAR2(320)	Alternate supplier name for Japanese location
LEGAL_ENTITY_ID	NOT NULL	NUMBER(15)	Legal entity unique identifier
COST_GROUP_ID	NOT NULL	NUMBER(15)	Cost group unique identifier
COST_TYPE_ID	NOT NULL	NUMBER(15)	Cost type unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_ACCRUAL_WRITE_OFFS

Stores the write–off information for Accrual Reconciliation

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_DATE	NOT NULL	DATE	Original transaction
INVOICE_NUM	NULL	VARCHAR2(50)	Invoice number
RECEIPT_NUM	NULL	VARCHAR2(30)	Receipt number
PO_TRANSACTION_ID	NULL	NUMBER	Receiving transaction unique identifier
INV_TRANSACTION_ID	NULL	NUMBER	Inventory transaction unique identifier
INV_TRANSACTION_TYPE_ID	NULL	NUMBER	Inventory transaction type unique identifier
WIP_TRANSACTION_ID	NULL	NUMBER	WIP transaction unique identifier
WIP_TRANSACTION_TYPE_ID	NULL	NUMBER	WIP transaction type unique identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Item unique identifier
PO_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	PO unit of measure
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary unit of measure for the item
TRANSACTION_QUANTITY	NULL	NUMBER	Quantity for the transaction
NET_PO_LINE_QUANTITY	NULL	NUMBER	PO line invoice quantity less receipt quantity
PO_HEADER_ID	NULL	NUMBER	Document header unique identifier
PO_NUM	NULL	VARCHAR2(20)	PO number
PO_LINE_NUM	NULL	NUMBER	PO line number
PO_LINE_ID	NULL	NUMBER	Document line unique identifier
PO_DISTRIBUTION_ID	NULL	NUMBER	Document distribution unique identifier
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier name
TRANSACTION_UNIT_PRICE	NULL	NUMBER	Unit price for the transaction
INVOICE_ID	NULL	NUMBER	Invoice unique identifier
INVOICE_LINE_NUM	NULL	NUMBER	Invoice distribution number
AVG_RECEIPT_PRICE	NULL	NUMBER	Average receipt price for the purchase order line
TRANSACTION_AMOUNT	NULL	NUMBER	Transaction debit or credit
LINE_MATCH_ORDER	NULL	NUMBER	Line sequence number for printing Periodic Accrual Reconciliation report
TRANSACTION_SOURCE_CODE	NOT NULL	VARCHAR2(25)	Transaction source or subledger
REASON_ID	NULL	NUMBER	Transaction reason unique identifier
COMMENTS	NULL	VARCHAR2(240)	Comments for accrual write–off
WRITE_OFF_CODE	NULL	VARCHAR2(25)	Write–off status for the write–off transaction
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destinaction type for the transaction
INVOICE_PRICE_VARIANCE	NULL	NUMBER	For pre–release 10 transactions, the reported IPV
PERIOD_ID	NULL	NUMBER	Periodic costing period unique identifier
WRITE_OFF_ID	NOT NULL	NUMBER	Write–off unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
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
PERIOD_NAME	NULL	VARCHAR2(15)	Accounting period name
WRITE_OFF_GL_DATE	NOT NULL	DATE	The General Ledger date for the manual journal entry
TRANSACTION_ORGANIZATION_ID	NOT NULL	NUMBER	Organization where transaction took place
ITEM_MASTER_ORGANIZATION_ID	NOT NULL	NUMBER	Item Master/ Purchasing reference organization
ACCRUAL_ACCOUNT_ID	NOT NULL	NUMBER	Accrual account unique identifier
ACCRUAL_CODE	NOT NULL	VARCHAR2(25)	Transaction type or A/P match condition
PO_TRANSACTION_TYPE	NULL	VARCHAR2(25)	Purchasing transaction date
LEGAL_ENTITY_ID	NOT NULL	NUMBER(15)	Legal entity unique identifier
COST_GROUP_ID	NOT NULL	NUMBER(15)	Cost group unique identifier
COST_TYPE_ID	NOT NULL	NUMBER(15)	Cost type unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_ACCRUAL_WRITE_OFFS_EFC

CST_PAC_ACCRUAL_WRITE_OFFS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_PAC_ACCRUAL_WRITE_OFFS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_AMOUNT	NULL	NUMBER	Transaction Amount
INVOICE_PRICE_VARIANCE	NULL	NUMBER	Invoice Price Variance
AVG_RECEIPT_PRICE	NULL	NUMBER	Avg Receipt Price
TRANSACTION_ORGANIZATION_ID	NOT NULL	NUMBER	Transaction Organization Id
TRANSACTION_UNIT_PRICE	NULL	NUMBER	Transaction Unit Price
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_EXPLOSION_TEMP

CST_PAC_EXPLOSION_TEMP stores distinct parent–child combinations of items for a given period and cost group. It is an intermediate table populated during the calculation of low level codes for Periodic Average Costing

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ASSEMBLY_ITEM_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	COMPONENT_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
ASSEMBLY_ITEM_ID	NULL	NUMBER	Parent assembly item identifier
COMPONENT_ITEM_ID	NULL	NUMBER	Child item identifier
DELETED	NULL	VARCHAR2(1)	Flag, internally used during computation of low level codes
LOOP_COUNT	NULL	NUMBER	Counter, internally used during computation of low level codes

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_EXPLOSION_TEMP_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_ITEM_COSTS

CST_PAC_ITEM_COSTS stores the item cost and quantity in a period and organization cost group. The COST_LAYER_ID is unique for a period / organization cost group / item combination.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
COST_LAYER_ID (PK)	NOT NULL	NUMBER	Cost layer identifier
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item identifier
BUY_QUANTITY	NULL	NUMBER	The buy quantity in the period
MAKE_QUANTITY	NULL	NUMBER	The make quantity in the period
ISSUE_QUANTITY	NULL	NUMBER	The quantity issued in the periodic costing period
TOTAL_LAYER_QUANTITY	NULL	NUMBER	The net quantity at the end of the Periodic Average Costing period
ITEM_COST	NULL	NUMBER	The item cost at the end of the period.
ITEM_BUY_COST	NULL	NUMBER	The buy item cost at the end of the period
ITEM_MAKE_COST	NULL	NUMBER	The make item cost at the end of the period
BEGIN_ITEM_COST	NULL	NUMBER	The item cost at the beginning of the period
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material overhead cost
RESOURCE_COST	NULL	NUMBER	Resource cost
OVERHEAD_COST	NULL	NUMBER	Overhead cost
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside processing cost
PL_MATERIAL	NULL	NUMBER	Previous level material cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous level material overhead cost
PL_RESOURCE	NULL	NUMBER	Previous level resource cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous level outside processing cost
PL_OVERHEAD	NULL	NUMBER	Previous level overhead cost
TL_MATERIAL	NULL	NUMBER	This level material cost
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This level material overhead cost
TL_RESOURCE	NULL	NUMBER	This level resource cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This level outside processing cost
TL_OVERHEAD	NULL	NUMBER	This level overhead cost
PL_ITEM_COST	NULL	NUMBER	Total previous level item cost
TL_ITEM_COST	NULL	NUMBER	Total item cost in this level
UNBURDENED_COST	NULL	NUMBER	Item unit cost minus this level material overhead

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
BURDEN_COST	NULL	NUMBER	This level material overhead
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column
MARKET_VALUE	NULL	NUMBER	Market value
JUSTIFICATION	NULL	VARCHAR2(2000)	Justification for the market value
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
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(150)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_ITEM_COSTS_U1	UNIQUE	1	COST_LAYER_ID
CST_PAC_ITEM_COST_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
		3	INVENTORY_ITEM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_ITEM_COSTS_EFC

CST_PAC_ITEM_COSTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_PAC_ITEM_COSTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
MARKET_VALUE	NULL	NUMBER	Market Value
RESOURCE_COST	NULL	NUMBER	Resource Cost
COST_LAYER_ID	NOT NULL	NUMBER	Cost Layer Identifier
PL_ITEM_COST	NULL	NUMBER	Previous Level Item Cost
PAC_PERIOD_ID	NOT NULL	NUMBER	Periodic Actual Costing Period Identifier
PL_RESOURCE	NULL	NUMBER	Previous Level Resource
UNBURDENED_COST	NULL	NUMBER	Unburdened Cost
ITEM_MAKE_COST	NULL	NUMBER	Item Make Cost
TL_ITEM_COST	NULL	NUMBER	This Level Item Cost
OVERHEAD_COST	NULL	NUMBER	Overhead Cost
ITEM_COST	NULL	NUMBER	Item Cost
MATERIAL_COST	NULL	NUMBER	Material Cost
TL_RESOURCE	NULL	NUMBER	This Level Resource
PL_OVERHEAD	NULL	NUMBER	Previous Level Overhead
PL_MATERIAL	NULL	NUMBER	Previous Level Material
BEGIN_ITEM_COST	NULL	NUMBER	Begin Item Cost
TL_OVERHEAD	NULL	NUMBER	This Level Overhead
TL_MATERIAL	NULL	NUMBER	This Level Material
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside Processing Cost
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous Level Outside Processing
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material Overhead Cost
ITEM_BUY_COST	NULL	NUMBER	Item Buy Cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous Level Material Overhead
BURDEN_COST	NULL	NUMBER	Burden Cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This Level Outside Processing
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This Level Material Overhead
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_ITEM_COST_DETAILS

CST_PAC_ITEM_COST_DETAILS table stores item cost details for a period and organization cost group. The costs are held by element by level.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_PAC_ITEM_COSTS	COST_LAYER_ID	COST_LAYER_ID

Column Descriptions

Name	Null?	Type	Description
COST_LAYER_ID (PK)	NOT NULL	NUMBER	Cost layer identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level type
ITEM_COST	NOT NULL	NUMBER	Elemental item cost at the end of the period
ITEM_BUY_COST	NULL	NUMBER	Elemental buy item cost at the end of the period
ITEM_MAKE_COST	NULL	NUMBER	Elemental make item cost at the end of the period
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_ITEM_COST_DETAILS_U1	UNIQUE	1	COST_LAYER_ID
		2	COST_ELEMENT_ID
		3	LEVEL_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_ITEM_COST_DETAILS_EFC

CST_PAC_ITEM_COST_DETAILS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_PAC_ITEM_COST_DETAILS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
COST_LAYER_ID	NOT NULL	NUMBER	Cost Layer Identifier
ITEM_MAKE_COST	NULL	NUMBER	Item Make Cost
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
ITEM_BUY_COST	NULL	NUMBER	Item Buy Cost
ITEM_COST	NOT NULL	NUMBER	Item Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set of books identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_LOW_LEVEL_CODES

CST_PAC_LOW_LEVEL_CODES stores low level codes for items for a given period and organization cost group in Periodic Costing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Item Identifier
LOW_LEVEL_CODE	NOT NULL	NUMBER	Low level code
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
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_LOW_LEVEL_CODES_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_PERIODS

CST_PAC_PERIODS holds information about periodic costing open and closed periods for each legal entity and organization cost groups combination.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
GL_PERIODS	PERIOD_SET_NAME PERIOD_NAME	PERIOD_SET_NAME PERIOD_NAME
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY

Column Descriptions

Name	Null?	Type	Description
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Periodic Costing Period Identifier
LEGAL_ENTITY	NOT NULL	NUMBER(15)	Legal Entity Identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	Calendar associated with Set of Books
PERIOD_START_DATE	NOT NULL	DATE	Period Start Date
PERIOD_END_DATE	NOT NULL	DATE	Period End Date
OPEN_FLAG	NOT NULL	VARCHAR2(1)	Flag to denote whether period is in open, close or error status
PERIOD_YEAR	NOT NULL	NUMBER	Period Year
PERIOD_NUM	NOT NULL	NUMBER	Period Number
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Period Name
PERIOD_CLOSE_DATE	NULL	DATE	Period Close Date
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_PERIODS_N1	NOT UNIQUE	1	LEGAL_ENTITY
		2	COST_TYPE_ID
CST_PAC_PERIODS_U1	UNIQUE	1	PAC_PERIOD_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_PROCESS_PHASES

CST_PAC_PROCESS_PHASES table holds the status for each process phase in a particular period and organization cost group. The process status is updated by the Periodic Cost Processor accordingly, while doing the processing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID

Column Descriptions

Name	Null?	Type	Description
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost Group Identifier
PROCESS_PHASE (PK)	NOT NULL	NUMBER	Phase identifier for Periodic Cost Processing
PROCESS_STATUS	NOT NULL	NUMBER	Processing Status for each phase
PROCESS_DATE	NULL	DATE	Date of the last status change
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column
PROCESS_UPTO_DATE	NULL	DATE	Stores the run till date for partial period run

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_PROCESS_PHASES_U1	UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
		4	PROCESS_PHASE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PAC_QUANTITY_LAYERS

CST_PAC_QUANTITY_LAYERS stores the layer quantity of an item by period. The QUANTITY_LAYER_ID is unique for a period and cost layer combination. In the periodic LIFO method, multiple layers may exist in the same period. In the case of periodic weighted average costing method, only one layer exists in each period.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_PAC_ITEM_COSTS	COST_LAYER_ID	COST_LAYER_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID

Column Descriptions

Name	Null?	Type	Description
QUANTITY_LAYER_ID (PK)	NOT NULL	NUMBER	Quantity layer identifier
COST_LAYER_ID (PK)	NOT NULL	NUMBER	Cost layer identifier
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost group identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Item identifier
LAYER_QUANTITY	NULL	NUMBER	Quantity at the given layer
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column
BEGIN_LAYER_QUANTITY	NULL	NUMBER	Layer quantity at the period beginning

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PAC_QUANTITY_LAYERS_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
CST_PAC_QUANTITY_LAYERS_N2	NOT UNIQUE	1	COST_LAYER_ID
CST_PAC_QUANTITY_LAYERS_U1	UNIQUE	1	QUANTITY_LAYER_ID
		2	COST_LAYER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PC_COST_DET_INTERFACE

CST_PL_COST_DET_INTERFACE is an open interface table used for importing periodic cost details.

Column Descriptions

Name	Null?	Type	Description
INTERFACE_LINE_ID (PK)	NOT NULL	NUMBER	Interface Line Identifier
INTERFACE_HEADER_ID	NOT NULL	NUMBER	Interface Header Identifier
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
ITEM_COST	NOT NULL	NUMBER	Item Cost
PROCESS_FLAG	NOT NULL	NUMBER	Process Status Flag
ITEM_BUY_COST	NULL	NUMBER	Item Buy Cost
ITEM_MAKE_COST	NULL	NUMBER	Item Make Cost
COST_LAYER_ID	NULL	NUMBER	Cost Layer Identifier
REFERENCE	NULL	VARCHAR2(240)	Reference
ERROR_FLAG	NULL	NUMBER	Error Status Flag
ERROR_EXPLANATION	NULL	VARCHAR2(2000)	Error Explanation
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
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PC_COST_DET_INTERFACE_N1	NOT UNIQUE	5	INTERFACE_HEADER_ID
CST_PC_COST_DET_INTERFACE_U1	UNIQUE	5	INTERFACE_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PC_ITEM_COST_INTERFACE

CST_PC_ITEM_COST_INTERFACE is an open interface table used for importing periodic costs.

Column Descriptions

Name	Null?	Type	Description
INTERFACE_HEADER_ID (PK)	NOT NULL	NUMBER	Interface Header Identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
COST_GROUP	NOT NULL	VARCHAR2(10)	Cost Group Name
COST_TYPE	NOT NULL	VARCHAR2(10)	Cost Type Name
PERIOD_NAME	NOT NULL	VARCHAR2(15)	Period name
PROCESS_FLAG	NOT NULL	NUMBER	Process status flag
BEGIN_LAYER_QUANTITY	NOT NULL	NUMBER	Period Beginning Layer Quantity
ISSUE_QUANTITY	NULL	NUMBER	Issue Quantity
BUY_QUANTITY	NULL	NUMBER	Buy Quantity
MAKE_QUANTITY	NULL	NUMBER	Make Quantity
INTERFACE_GROUP_ID	NULL	NUMBER	Interface Group Identifier
COST_LAYER_ID	NULL	NUMBER	Cost Layer Identifier
QUANTITY_LAYER_ID	NULL	NUMBER	Quantity Layer Identifier
PAC_PERIOD_ID	NULL	NUMBER	Periodic Period Identifier
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier
ITEM_COST	NULL	NUMBER	Item Cost
MARKET_VALUE	NULL	NUMBER	Market Value
JUSTIFICATION	NULL	VARCHAR2(2000)	Justification
BEGIN_ITEM_COST	NULL	NUMBER	Period Begin Item Cost
ITEM_BUY_COST	NULL	NUMBER	Item Buy Cost
ITEM_MAKE_COST	NULL	NUMBER	Item Make Cost
PL_MATERIAL	NULL	NUMBER	Prev. Level Material Cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Prev. Level Material Overhead Cost
PL_RESOURCE	NULL	NUMBER	Prev. Level Resource Cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Prev. Level Outside Processing Cost
PL_OVERHEAD	NULL	NUMBER	Prev. Level Overhead Cost
TL_MATERIAL	NULL	NUMBER	This Level Material Cost
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This Level Material Overhead Cost
TL_RESOURCE	NULL	NUMBER	This Level Resource Cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This Level Outside Processing Cost
TL_OVERHEAD	NULL	NUMBER	This Level Overhead Cost
PL_ITEM_COST	NULL	NUMBER	Prev. Level Item Cost
TL_ITEM_COST	NULL	NUMBER	This Level Item Cost
UNBURDENED_COST	NULL	NUMBER	Unburdened Cost
BURDEN_COST	NULL	NUMBER	Burden Cost
MATERIAL_COST	NULL	NUMBER	Material Cost
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material Overhead Cost
RESOURCE_COST	NULL	NUMBER	Resource Cost
OVERHEAD_COST	NULL	NUMBER	Overhead Cost
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside Processing Cost
REFERENCE	NULL	VARCHAR2(240)	Reference Flag
ERROR_FLAG	NULL	NUMBER	Error Status Flag
ERROR_EXPLANATION	NULL	VARCHAR2(2000)	Error Explanation
LOCK_FLAG	NULL	NUMBER	Lock Flag
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAYER_QUANTITY	NOT NULL	NUMBER	Layer quantity

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PC_ITEM_COST_INTERFACE_U1	UNIQUE	1	INTERFACE_HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PC_TXN_HISTORY

CST_PC_TXN_HISTORY stores historical information about transactions processed by the periodic cost processor.

Column Descriptions

Name	Null?	Type	Description
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group
TRANSACTION_ID	NOT NULL	NUMBER	Transaction identifier
PROCESS_SEQ	NOT NULL	NUMBER	Sequence in which the transaction was processed
PROCESS_GROUP	NOT NULL	NUMBER	Process Group categorization of transaction (For Internal use)
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
TXN_MASTER_QTY	NULL	NUMBER	Quantity expressed in the primary UOM of the Master Organization
PRIOR_COSTED_MASTER_QTY	NULL	NUMBER	Pre–transaction costed quantity expressed in the UOM of the master organization
ACTUAL_COST	NULL	NUMBER	Actual Unit Cost
NEW_COST	NULL	NUMBER	New Unit Cost
PRIOR_COST	NULL	NUMBER	Prior Unit Cost
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
REQUEST_ID	NOT NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NOT NULL	NUMBER	Extended Who column
PROGRAM_ID	NOT NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NOT NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Extended Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PC_TXN_HISTORY_U1	UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
		4	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_PERIOD_VALUE_TEMP

CST_PERIOD_VALUE_TEMP is a temporary table used by the View WIP Value Summary window. It sums up all of the cost in WIP_PERIOD_BALANCES between two accounting periods that belong to a specific WIP discrete job or repetitive schedule.

Column Descriptions

Name	Null?	Type	Description
SESSION_ID	NOT NULL	NUMBER	ORACLE session identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly identifier
LINE_ID	NULL	NUMBER	WIP repetitive line identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost element identifier
VALUATION_ACCOUNT	NOT NULL	NUMBER	WIP valuation account identifier
TL_VALUE_IN	NULL	NUMBER	This level cost incurred
PL_VALUE_IN	NULL	NUMBER	Previous level cost incurred
TL_VALUE_OUT	NULL	NUMBER	This level cost relieved
PL_VALUE_OUT	NULL	NUMBER	Previous level cost relieved
VALUE_IN	NULL	NUMBER	Total cost incurred
VALUE_OUT	NULL	NUMBER	Total cost relieved
VARIANCE	NULL	NUMBER	Total variance
NET_ACTIVITY	NULL	NUMBER	Cost incurred minus cost relieved
VAR	NULL	NUMBER	Total variance

Indexes

Index Name	Index Type	Sequence	Column Name
CST_PERIOD_VALUE_TEMP_N1	NOT UNIQUE	1	SESSION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_QUANTITY_LAYERS

CST_QUANTITY_LAYERS stores item average cost information by cost layer. This table is only used for average costing organizations.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
LAYER_ID (PK)	NOT NULL	NUMBER	Unique layer 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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Item identifier
LAYER_QUANTITY	NOT NULL	NUMBER	Costed quantity for this particular layer
CREATE_TRANSACTION_ID	NULL	NUMBER	Transaction which created this layer
UPDATE_TRANSACTION_ID	NULL	NUMBER	Last transaction to update this layer
PL_MATERIAL	NULL	NUMBER	Previous level material cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous level material overhead cost
PL_RESOURCE	NULL	NUMBER	Previous level resource cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous level outside processing cost
PL_OVERHEAD	NULL	NUMBER	Previous level overhead cost
TL_MATERIAL	NULL	NUMBER	This level material cost
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This level material overhead cost
TL_RESOURCE	NULL	NUMBER	This level resource cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This level outside processing cost
TL_OVERHEAD	NULL	NUMBER	This level overhead cost
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material overhead cost
RESOURCE_COST	NULL	NUMBER	Resource cost
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside processing cost
OVERHEAD_COST	NULL	NUMBER	Overhead cost
PL_ITEM_COST	NULL	NUMBER	Previous level item cost
TL_ITEM_COST	NULL	NUMBER	This level item cost
ITEM_COST	NOT NULL	NUMBER	Layer item cost
UNBURDENED_COST	NULL	NUMBER	Item unit cost minus this level material overhead
BURDEN_COST	NULL	NUMBER	This level material overhead
COST_GROUP_ID	NOT NULL	NUMBER	Cost group identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
CST_QUANTITY_LAYERS_N1	NOT UNIQUE	2	INVENTORY_ITEM_ID
		4	ORGANIZATION_ID
		6	COST_GROUP_ID
CST_QUANTITY_LAYERS_U1	UNIQUE	2	LAYER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_QUANTITY_LAYERS_EFC

CST_QUANTITY_LAYERS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_QUANTITY_LAYERS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
RESOURCE_COST	NULL	NUMBER	Resource Cost
PL_ITEM_COST	NULL	NUMBER	Previous Level Item Cost
PL_RESOURCE	NULL	NUMBER	Previous Level Resource
UNBURDENED_COST	NULL	NUMBER	Unburdened Cost
TL_ITEM_COST	NULL	NUMBER	This Level Item Cost
OVERHEAD_COST	NULL	NUMBER	Overhead Cost
ITEM_COST	NOT NULL	NUMBER	Item Cost
MATERIAL_COST	NULL	NUMBER	Material Cost
TL_RESOURCE	NULL	NUMBER	This Level Resource
LAYER_ID	NOT NULL	NUMBER	Layer Identifier
PL_OVERHEAD	NULL	NUMBER	Previous Level Overhead
PL_MATERIAL	NULL	NUMBER	Previous Level Material
TL_OVERHEAD	NULL	NUMBER	This Level Overhead
TL_MATERIAL	NULL	NUMBER	This Level Material
OUTSIDE_PROCESSING_COST	NULL	NUMBER	Outside Processing Cost
PL_OUTSIDE_PROCESSING	NULL	NUMBER	Previous Level Outside Processing
MATERIAL_OVERHEAD_COST	NULL	NUMBER	Material Overhead Cost
PL_MATERIAL_OVERHEAD	NULL	NUMBER	Previous Level Material Overhead
BURDEN_COST	NULL	NUMBER	Burden Cost
TL_OUTSIDE_PROCESSING	NULL	NUMBER	This Level Outside Processing
TL_MATERIAL_OVERHEAD	NULL	NUMBER	This Level Material Overhead
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_RCV_ACQ_COSTS

Stores Periodic Acquisition Cost Summary for each receipt for an organization cost group and cost type

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PERIOD_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
HEADER_ID (PK)	NOT NULL	NUMBER	Unique Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
PERIOD_ID	NOT NULL	NUMBER	Period (for the Cost Type) of the receipt
RCV_TRANSACTION_ID	NOT NULL	NUMBER	Receipt Identifier from RCV_TRANSACTIONS
NET_QUANTITY_RECEIVED	NULL	NUMBER	Net Quantity Received (net of corrections and returns)
TOTAL_QUANTITY_INVOICED	NULL	NUMBER	Sum of the quantity invoiced for the invoices matched to the receipt
QUANTITY_AT_PO_PRICE	NULL	NUMBER	Portion of the Net Quantity Received that was not Invoiced (and is costed at the PO Price)
TOTAL_INVOICE_AMOUNT	NULL	NUMBER	Sum of the Invoice Amounts for the Invoices matched to the Receipt
AMOUNT_AT_PO_PRICE	NULL	NUMBER	Amount derived using Uninvoiced Quantity at PO Price
TOTAL_AMOUNT	NULL	NUMBER	Sum of the Invoice Amount and PO Amount
COSTED_QUANTITY	NULL	NUMBER	Quantity used to compute the per unit Acquisition Cost. This will be the Net Quantity Received or the Total Quantity Invoiced, whichever is greater
ACQUISITION_COST	NULL	NUMBER	Per Unit Periodic Acquisition Cost
PO_LINE_LOCATION_ID	NULL	NUMBER	Shipment Line Number for the receipt
PO_UNIT_PRICE	NULL	NUMBER	Per Unit PO price inclusive of non recoverable tax, based on primary UOM of the item
PRIMARY_UOM	NULL	VARCHAR2(3)	Per Unit PO price inclusive of non recoverable tax, based on primary UOM of the item
REC_EXCHG_RATE	NULL	NUMBER	Currency Conversion rate.
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_RCV_ACQ_COSTS_N1	NOT UNIQUE	1	COST_GROUP_ID
		2	COST_TYPE_ID
		4	RCV_TRANSACTION_ID
CST_RCV_ACQ_COSTS_U1	UNIQUE	1	HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_RCV_ACQ_COSTS_EFC

CST_RCV_ACQ_COSTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_RCV_ACQ_COSTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
AMOUNT_AT_PO_PRICE	NULL	NUMBER	Amount At PO Price
PO_UNIT_PRICE	NULL	NUMBER	PO Unit Price
ACQUISITION_COST	NULL	NUMBER	Acquisition Cost
REC_EXCHG_RATE	NULL	NUMBER	Currency Conversion rate.
TOTAL_INVOICE_AMOUNT	NULL	NUMBER	Total Invoice Amount
HEADER_ID	NOT NULL	NUMBER	Header Identifier
TOTAL_AMOUNT	NULL	NUMBER	Total Amount
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_RCV_ACQ_COST_DETAILS

CST_RCV_ACQ_COST_DETAILS stores periodic acquisition cost details for each receipt for an organization cost group and cost type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_INVOICE_DISTRIBUTIONS_ALL	INVOICE_DISTRIBUTION_ID	INVOICE_DISTRIBUTION_ID
CST_RCV_ACQ_COSTS	HEADER_ID	HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_LOCATION_ID

Column Descriptions

Name	Null?	Type	Description
HEADER_ID	NOT NULL	NUMBER	Header Identifier from CST_RCV_ACQ_COSTS
DETAIL_ID (PK)	NOT NULL	NUMBER	Unique Identifier
SOURCE_TYPE	NULL	VARCHAR2(10)	Source of the line (INVOICE or PO)
PO_LINE_LOCATION_ID	NULL	NUMBER	Source Shipment ID if source is PO
PARENT_DISTRIBUTION_ID	NULL	NUMBER	Invoice Distribution Identifier for the parent distribution (if the source is INVOICE)
DISTRIBUTION_NUM	NULL	NUMBER	Serial Number of the distributions which make up the Acquisition Cost (if the source is INVOICE)
LEVEL_NUM	NULL	NUMBER	Level in the hierarchy of the special charge allocations (if the source is INVOICE)
INVOICE_DISTRIBUTION_ID	NULL	NUMBER(15)	Source Invoice Distribution Identifier (if the source is INVOICE)
PARENT_INVOICE_DIST_ID	NULL	NUMBER	Immediate Parent Invoice Distribution Identifier (if source is INVOICE)
ALLOCATED_AMOUNT	NULL	NUMBER	Whole or portion of the parent invoice distribution amount
AMOUNT	NULL	NUMBER	Whole or portion of the Allocated Amount
QUANTITY	NULL	NUMBER	Invoice Quantity if source is INVOICE, Uninvoiced quantity if source is PO
PARENT_AMOUNT	NULL	NUMBER	Immediate Parent Invoice Distribution Amount
PRICE	NULL	NUMBER	Invoice Price if source is INVOICE, PO Price if source is PO
LINE_TYPE	NULL	VARCHAR2(25)	Invoice Distribution Line Type (if source is INVOICE)
LAST_UPDATE_DATE	NOT NULL	DATE	Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Who column
CREATION_DATE	NOT NULL	DATE	Who column
CREATED_BY	NOT NULL	NUMBER	Who column
REQUEST_ID	NULL	NUMBER	Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Who column
PROGRAM_ID	NULL	NUMBER	Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
CST_RCV_ACQ_COST_DETAILS_N1	NOT UNIQUE	1	HEADER_ID
CST_RCV_ACQ_COST_DETAILS_U1	UNIQUE	1	DETAIL_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_RCV_ACQ_COST_DETAILS_EFC

CST_RCV_ACQ_COST_DETAILS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_RCV_ACQ_COST_DETAILS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
PRICE	NULL	NUMBER	Price
AMOUNT	NULL	NUMBER	Amount
ALLOCATED_AMOUNT	NULL	NUMBER	Allocated Amount
PARENT_AMOUNT	NULL	NUMBER	Parent Amount
DETAIL_ID	NOT NULL	NUMBER	Detail Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_REPORT_TYPES

CST_REPORT_TYPES stores detail options and all relevant Item Cost Reports information by cost type. A detail option specifies how to summarize item costs and which template to use to display the item costs.

REPORT_NAME stores the report name option, for example, 'Element by Level.' UNIQUE_ID is the unique identifier for REPORT_NAME and is obtained from sequence CST_REPORT_TYPES_S. USER_DEFINED indicates whether this is a user–defined option or predefined option. For customized options, enter 1 for the USER_DEFINED field.

There are two different report layouts. COLUMN1_HEADING and COLUMN2_HEADING stores the first and second column headings for both layouts.

COLUMN1_HEADING and COLUMN2_HEADING hold the source of the cost information for the report option. For example, for the Element by Sub–Element report COLUMN1_HEADING uses COST_ELEMENT and COLUMN2_HEADING uses RESOURCE.

FLEXFIELD_APPLICATION_ID and DESCRIPTIVE_FLEXFIELD_NAME store the application identifier and descriptive flexfield name for reports that require flexfield segment values and are used to retrieve segments for the flexfield.

INVENTORY_FLAG specifies whether this report is available for a standalone inventory installation. Some of the detail options are not available for standalone inventory installations, such as Element by operation.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INVENTORY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
USER_DEFINED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
UNIQUE_ID (PK)	NOT NULL	NUMBER	Unique identifier for report name

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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
REPORT_NAME	NOT NULL	VARCHAR2(50)	Report option name
REPORT_TITLE	NOT NULL	VARCHAR2(50)	Report option title
DESCRIPTION	NULL	VARCHAR2(240)	Description
USER_DEFINED	NOT NULL	NUMBER	Flag to indicate if this is a user–defined or seeded option
COLUMN1_HEADING	NULL	VARCHAR2(50)	The displayed column heading for the first column
COLUMN2_HEADING	NULL	VARCHAR2(50)	The displayed column heading for the second column
COLUMN3_HEADING	NULL	VARCHAR2(50)	Not currently used
COLUMN4_HEADING	NULL	VARCHAR2(50)	Not currently used
COLUMN1	NULL	VARCHAR2(240)	Source of the information for column 1
COLUMN2	NULL	VARCHAR2(240)	Source of the information for column 2
COLUMN3	NULL	VARCHAR2(240)	Not currently used
COLUMN4	NULL	VARCHAR2(240)	Not currently used
INVENTORY_FLAG	NULL	NUMBER	Flag to indicate if available in standalone inventory installation
DISABLE_DATE	NULL	DATE	Inactive On/After
FLEXFIELD_APPLICATION_ID	NULL	NUMBER	Application identifier
DESCRIPTIVE_FLEXFIELD_NAME	NULL	VARCHAR2(150)	Descriptive Flexfield name
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
REQUEST_ID	NULL	NUMBER	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
CST_REPORT_TYPES_U1	UNIQUE	1	UNIQUE_ID
CST_REPORT_TYPES_U2	UNIQUE	1	REPORT_NAME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_RESOURCE_COSTS

CST_RESOURCE_COSTS stores resource and outside processing resource unit costs by cost type.

If the resource or outside processing resource has the FUNCTIONAL_CURRENCY_FLAG set to Yes, you cannot enter a resource rate in the Resources window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource identifier (sub element)
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type 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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
RESOURCE_RATE	NOT NULL	NUMBER	Resource unit cost
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
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
CST_RESOURCE_COSTS_U1	UNIQUE	1	RESOURCE_ID
		2	COST_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
CST_RESOURCE_COSTS_U2	UNIQUE	1	ORGANIZATION_ID
		2	COST_TYPE_ID
		3	RESOURCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_RESOURCE_COSTS_EFC

CST_RESOURCE_COSTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table CST_RESOURCE_COSTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
RESOURCE_RATE	NOT NULL	NUMBER	resource rate
RESOURCE_ID	NOT NULL	NUMBER	resource identifier
COST_TYPE_ID	NOT NULL	NUMBER	cost type identifier
SET_OF_BOOKS_ID	NULL	NUMBER	set of books identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

CST_RESOURCE_OVERHEADS

CST_RESOURCE_OVERHEADS stores information about resource overheads. When the Cost Manager invokes the proper cost worker, based on whether the organization is using average or standard costing, the information in this table is used to determine the resource overhead that should be applied. To earn overhead based on resources, the overhead must be associated with the resource being transacted and a rate must be defined for the resource for the department in which the resource is transacted.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
BOM_RESOURCES	RESOURCE_ID	OVERHEAD_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource identifier (subelement)
OVERHEAD_ID (PK)	NOT NULL	NUMBER	Overhead subelement 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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
CST_RESOURCE_OVERHEADS_N1	NOT UNIQUE	1	OVERHEAD_ID
		2	COST_TYPE_ID
CST_RESOURCE_OVERHEADS_U1	UNIQUE	1	RESOURCE_ID
		2	COST_TYPE_ID
		3	OVERHEAD_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_KANBAN_CARDS

MTL_KANBAN_CARDS is the definition table for kanban cards. The associated attributes describe which pull sequence this card belongs to, the kanban size, supply status, and card status .

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_INTERORG_PARAMETERS	FROM_ORGANIZATION_ID TO_ORGANIZATION_ID	SOURCE_ORGANIZATION_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID SUBINVENTORY_CODE	ORGANIZATION_ID LOCATOR_ID SUBINVENTORY_NAME
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID SUBINVENTORY_CODE	SOURCE_ORGANIZATION_ID SOURCE_LOCATOR_ID SOURCE_SUBINVENTORY
MTL_KANBAN_PULL_SEQUENCES	PULL_SEQUENCE_ID	PULL_SEQUENCE_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_NAME ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	SOURCE_ORGANIZATION_ID SOURCE_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
PO_VENDORS	VENDOR_ID	SUPPLIER_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	SUPPLIER_SITE_ID
WIP_LINES	LINE_ID	WIP_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CARD_STATUS	MTL_KANBAN_CARD_STATUS	MFG_LOOKUPS
	1	Active
	2	Hold
	3	Canceled
ERROR_CODE	MTL_KANBAN_ERROR_CODE	MFG_LOOKUPS
	1	Lost
	2	Damaged
KANBAN_CARD_TYPE	MTL_KANBAN_CARD_TYPE	MFG_LOOKUPS
	1	Replenishable
	2	Non Replenishable
SOURCE_TYPE	MTL_KANBAN_SOURCE_TYPE	MFG_LOOKUPS
	1	Inter Org
	2	Supplier
	3	Intra Org
	4	Production
SUPPLY_STATUS	MTL_KANBAN_SUPPLY_STATUS	MFG_LOOKUPS
	1	New
	2	Full
	3	Wait
	4	Empty
	5	In Process
	6	In Transit

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions

Name	Null?	Type	Description
KANBAN_CARD_ID (PK)	NOT NULL	NUMBER	Kanban card identifier
KANBAN_CARD_NUMBER	NOT NULL	VARCHAR2(30)	Kanban card number
PULL_SEQUENCE_ID	NOT NULL	NUMBER	Pull sequence identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory name
SUPPLY_STATUS	NOT NULL	NUMBER	Kanban supply status
CARD_STATUS	NOT NULL	NUMBER	Kanban card status
KANBAN_CARD_TYPE	NOT NULL	NUMBER	Kanban card type
SOURCE_TYPE	NOT NULL	NUMBER	Kanban source type
KANBAN_SIZE	NOT NULL	NUMBER	Kanban Quantity
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
LOCATOR_ID	NULL	NUMBER	Locator identifier
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Source subinventory name
SOURCE_LOCATOR_ID	NULL	NUMBER	Source locator identifier
WIP_LINE_ID	NULL	NUMBER	Wip Line Identifier
CURRENT_REPLNSH_CYCLE_ID	NULL	NUMBER	Current replenishment cycle identifier
ERROR_CODE	NULL	NUMBER	Error code
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_PRINT_DATE	NULL	DATE	Last printed date of kanban card
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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_KANBAN_CARDS_N1	NOT UNIQUE	1	PULL_SEQUENCE_ID
MTL_KANBAN_CARDS_N3	NOT UNIQUE	1	SOURCE_TYPE
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_KANBAN_CARDS_U1	UNIQUE	1	KANBAN_CARD_ID
MTL_KANBAN_CARDS_U2	UNIQUE	1	KANBAN_CARD_NUMBER
		3	ORGANIZATION_ID

Sequences

Sequence	Derived Column
MTL_KANBAN_CARDS_S	KANBAN_CARD_ID
MTL_KANBAN_REPLENISH_CYCLE_S	CURRENT_REPLNSH_CYCLE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_KANBAN_CARD_ACTIVITY

MTL_KANBAN_CARD_ACTIVITY is a history table of the activity performed on a kanban card. The associated attributes describe which kanban card this activity belongs to, and what document replenished it.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID SUBINVENTORY_CODE	ORGANIZATION_ID LOCATOR_ID SUBINVENTORY_NAME
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID SUBINVENTORY_CODE	SOURCE_ORGANIZATION_ID SOURCE_LOCATOR_ID SOURCE_SUBINVENTORY
MTL_KANBAN_CARDS	KANBAN_CARD_ID	KANBAN_CARD_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_NAME ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	SOURCE_ORGANIZATION_ID SOURCE_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TXN_REQUEST_HEADERS	HEADER_ID	DOCUMENT_HEADER_ID
MTL_TXN_REQUEST_LINES	LINE_ID	DOCUMENT_DETAIL_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	DOCUMENT_DETAIL_ID
PO_HEADERS_ALL	PO_HEADER_ID	DOCUMENT_HEADER_ID
PO_REQUISITION_HEADERS_ALL	REQUISITION_HEADER_ID	DOCUMENT_HEADER_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	DOCUMENT_DETAIL_ID
PO_VENDORS	VENDOR_ID	SUPPLIER_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	SUPPLIER_SITE_ID
WIP_ENTITIES	WIP_ENTITY_ID	DOCUMENT_HEADER_ID
WIP_LINES	LINE_ID	WIP_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CARD_STATUS	MTL_KANBAN_CARD_STATUS	MFG_LOOKUPS
	1	Active
	2	Hold
	3	Canceled
DOCUMENT_TYPE	MTL_KANBAN_DOCUMENT_TYPE	MFG_LOOKUPS
	1	Purchase Order
	2	Blanket Release
	3	Internal requisition
ERROR_CODE	MTL_KANBAN_ERROR_CODE	MFG_LOOKUPS
	1	Lost
	2	Damaged
KANBAN_CARD_TYPE	MTL_KANBAN_CARD_TYPE	MFG_LOOKUPS
	1	Replenishable
	2	Non Replenishable
SOURCE_TYPE	MTL_KANBAN_SOURCE_TYPE	MFG_LOOKUPS
	1	Inter Org
	2	Supplier
	3	Intra Org

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	4	Production
SUPPLY_STATUS	MTL_KANBAN_SUPPLY_STATUS	MFG_LOOKUPS
	1	New
	2	Full
	3	Wait
	4	Empty
	5	In Process
	6	In Transit

Column Descriptions

Name	Null?	Type	Description
KANBAN_ACTIVITY_ID (PK)	NOT NULL	NUMBER	Kanban card activity identifier
REPLENISHMENT_CYCLE_ID	NOT NULL	NUMBER	Replenishment cycle identifier
KANBAN_CARD_ID	NOT NULL	NUMBER	Kanban card identifier
KANBAN_CARD_NUMBER	NOT NULL	VARCHAR2(30)	Kanban card number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory name
SUPPLY_STATUS	NOT NULL	NUMBER	Kanban supply status
CARD_STATUS	NOT NULL	NUMBER	Kanban card status
KANBAN_CARD_TYPE	NOT NULL	NUMBER	Kanban card type
SOURCE_TYPE	NOT NULL	NUMBER	Kanban source type
KANBAN_SIZE	NOT NULL	NUMBER	Kanban quantity
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
LOCATOR_ID	NULL	NUMBER	Locator identifier
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Source subinventory name
SOURCE_LOCATOR_ID	NULL	NUMBER	Source locator identifier
WIP_LINE_ID	NULL	NUMBER	Wip Line Identifier
DOCUMENT_TYPE	NULL	NUMBER	Replenishment document type
DOCUMENT_HEADER_ID	NULL	NUMBER	Document header identifier
DOCUMENT_DETAIL_ID	NULL	NUMBER	Document detail identifier
ERROR_CODE	NULL	NUMBER	Error code
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_PRINT_DATE	NULL	DATE	Last printed date of kanban card
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_KANBAN_CARD_ACTIVITY_N1	NOT UNIQUE	1	KANBAN_CARD_ID
MTL_KANBAN_CARD_ACTIVITY_N2	NOT UNIQUE	1	KANBAN_CARD_NUMBER
MTL_KANBAN_CARD_ACTIVITY_N3	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
MTL_KANBAN_CARD_ACTIVITY_U1	UNIQUE	1	KANBAN_ACTIVITY_ID

Sequences

Sequence	Derived Column
MTL_KANBAN_CARD_ACTIVITY_S	KANBAN_ACTIVITY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_KANBAN_CARD_PRINT_TEMP

MTL_KANBAN_CARD_PRINT_TEMP is a temporary table used for printing kanban cards. This is used only when you generate kanban cards with the option of printing kanban cards set to yes.

Column Descriptions

Name	Null?	Type	Description
REPORT_ID	NOT NULL	NUMBER	Report identifier
PULL_SEQUENCE_ID	NULL	NUMBER	Pull sequence identifier
KANBAN_CARD_ID	NOT NULL	NUMBER	Kanban card identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_KANBAN_PULL_SEQUENCES

MTL_KANBAN_PULL_SEQUENCES is the definition table for pull sequences. The associated attributes describe which item, subinventory, and locator this pull sequence belongs to, the source type, number of kanbans , kanban size, replenishment lead time, and other planning attributes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_INTERORG_PARAMETERS	FROM_ORGANIZATION_ID TO_ORGANIZATION_ID	SOURCE_ORGANIZATION_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID SUBINVENTORY_CODE	LOCATOR_ID ORGANIZATION_ID SUBINVENTORY_NAME
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID SUBINVENTORY_CODE	SOURCE_ORGANIZATION_ID SOURCE_LOCATOR_ID SOURCE_SUBINVENTORY
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_NAME
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY SOURCE_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
PO_VENDORS	VENDOR_ID	SUPPLIER_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	SUPPLIER_SITE_ID
WIP_LINES	LINE_ID	WIP_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AGGREGATION_TYPE	MTL_KANBAN_AGGREGRATION_TYPE	MFG_LOOKUPS
	1	None
	2	Minimum Order Quantity
CALCULATE_KANBAN_FLAG	MTL_CALCULATE_KANBAN_FLAG	MFG_LOOKUPS
	1	Kanban Size
	2	Number Of Cards
	3	Do not Calculate
RELEASE_KANBAN_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SOURCE_TYPE	MTL_KANBAN_SOURCE_TYPE	MFG_LOOKUPS
	1	Inter Org
	2	Supplier
	3	Intra Org
	4	Production

Column Descriptions

Name	Null?	Type	Description
PULL_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Pull sequence identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory name

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
KANBAN_PLAN_ID	NOT NULL	NUMBER	Kanban plan identifier
SOURCE_TYPE	NOT NULL	NUMBER	Kanban source 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
LOCATOR_ID	NULL	NUMBER	Locator identifier
SUPPLIER_ID	NULL	NUMBER	Supplier identifier
SUPPLIER_SITE_ID	NULL	NUMBER	Supplier site identifier
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization identifier
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Source subinventory name
SOURCE_LOCATOR_ID	NULL	NUMBER	Source locator identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
REPLENISHMENT_LEAD_TIME	NULL	NUMBER	Lead time to replenish kanban
CALCULATE_KANBAN_FLAG	NULL	NUMBER	Flag indicating what to calculate
KANBAN_SIZE	NULL	NUMBER	Kanban quantity
FIXED_LOT_MULTIPLIER	NULL	NUMBER	Fixed lot multiplier
SAFETY_STOCK_DAYS	NULL	NUMBER	Safety stock days
NUMBER_OF_CARDS	NULL	NUMBER	Number of kanban cards
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity
AGGREGATION_TYPE	NULL	NUMBER	Aggregation type
ALLOCATION_PERCENT	NULL	NUMBER	Allocation percent
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
UPDATED_FLAG	NULL	NUMBER	Standard Who column
RELEASE_KANBAN_FLAG	NOT NULL	NUMBER	Flag to indicate that Kanban will execute (Yes) or not (No,for planning only).
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
POINT_OF_USE_X	NULL	NUMBER	
POINT_OF_USE_Y	NULL	NUMBER	
POINT_OF_SUPPLY_X	NULL	NUMBER	
POINT_OF_SUPPLY_Y	NULL	NUMBER	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_KANBAN_PULL_SEQUENCES_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	KANBAN_PLAN_ID
MTL_KANBAN_PULL_SEQUENCES_N2	NOT UNIQUE	2	KANBAN_PLAN_ID
		4	ORGANIZATION_ID
MTL_KANBAN_PULL_SEQUENCES_N3	NOT UNIQUE	1	SOURCE_TYPE
		2	ORGANIZATION_ID
MTL_KANBAN_PULL_SEQUENCES_U1	UNIQUE	1	PULL_SEQUENCE_ID
MTL_KANBAN_PULL_SEQUENCES_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	KANBAN_PLAN_ID
		4	SUBINVENTORY_NAME
		5	LOCATOR_ID

Sequences

Sequence	Derived Column
MTL_KANBAN_PULL_SEQUENCES_S	PULL_SEQUENCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_KANBAN_TEMPLATES

Column Descriptions

Name	Null?	Type	Description
TEMPLATE_NAME	NOT NULL	VARCHAR2(10)	
DESCRIPTION	NULL	VARCHAR2(240)	
ORGANIZATION_ID	NOT NULL	NUMBER	
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	
LOCATOR_ID	NULL	NUMBER	
SOURCE_TYPE	NOT NULL	NUMBER	
SOURCE_ORGANIZATION_ID	NULL	NUMBER	
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	
SOURCE_LOCATOR_ID	NULL	NUMBER	
SUPPLIER_ID	NULL	NUMBER	
SUPPLIER_SITE_ID	NULL	NUMBER	
WIP_LINE_ID	NULL	NUMBER	
REPLENISHMENT_LEAD_TIME	NULL	NUMBER	
CALCULATE_KANBAN_FLAG	NULL	NUMBER	
KANBAN_SIZE	NULL	NUMBER	
FIXED_LOT_MULTIPLIER	NULL	NUMBER	
SAFETY_STOCK_DAYS	NULL	NUMBER	
NUMBER_OF_CARDS	NULL	NUMBER	
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	
AGGREGATION_TYPE	NULL	NUMBER	
ALLOCATION_PERCENT	NULL	NUMBER	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
RELEASE_KANBAN_FLAG	NOT NULL	NUMBER	
POINT_OF_USE_X	NULL	NUMBER	
POINT_OF_USE_Y	NULL	NUMBER	
POINT_OF_SUPPLY_X	NULL	NUMBER	
POINT_OF_SUPPLY_Y	NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_KANBAN_TEMPLATES_U1	UNIQUE	1	TEMPLATE_NAME
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_LE_ECONOMIC_ZONES

MTL_LE_ECONOMIC_ZONES is an intersection table. It stores information concerning the assignment of legal entity to economic zones. There is one entry in this table for every legal entity and economic zone.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY_ID
MTL_ECONOMIC_ZONES_B	ZONE_CODE	ZONE_CODE

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_ID (PK)	NOT NULL	NUMBER	Legal Entity Identifier
ZONE_CODE (PK)	NOT NULL	VARCHAR2(10)	Economic Zone Code
CREATED_BY	NOT NULL	NUMBER(15)	standard who column
CREATION_DATE	NOT NULL	DATE	standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	standard who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	standard who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_LE_ECONOMIC_ZONES_U1	UNIQUE	5	LEGAL_ENTITY_ID
		10	ZONE_CODE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_LOT_NUMBERS

MTL_LOT_NUMBERS stores the definition and expiration date of all lot numbers in inventory.

Since the primary key consists of LOT_NUMBER, ORGANIZATION_ID, and INVENTORY_ITEM_ID, a lot number could exist in more than one organization or for different items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DISABLE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LOT_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Lot number
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
EXPIRATION_DATE	NULL	DATE	Lot expiration date
DISABLE_FLAG	NULL	NUMBER	Disable flag
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
GEN_OBJECT_ID	NULL	NUMBER	Genealogy object identifier
DESCRIPTION	NULL	VARCHAR2(256)	Description for the Lot Number – Used by WMS only
VENDOR_ID	NULL	NUMBER	Supplier identification (from po_vendors table) – Used by WMS Only
SUPPLIER_LOT_NUMBER	NULL	VARCHAR2(150)	Lot number given by the supplier for PO receipts – Used By WMS Only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory Code for Country of Origin
GRADE_CODE	NULL	VARCHAR2(150)	Grade Code – Used By WMS Only
ORIGINATION_DATE	NULL	DATE	Lot creation date (as in the BRD) – Used By WMS Only
DATE_CODE	NULL	VARCHAR2(150)	Date Code – Used By WMS Only
STATUS_ID	NULL	NUMBER	Status identifier – Used by WMS only
CHANGE_DATE	NULL	DATE	Last modified date (as in the BRD) – Used By WMS Only
AGE	NULL	NUMBER	The age of the lot or sublot in days after the creation date – Used By WMS Only
RETEST_DATE	NULL	DATE	Retest date – Used By WMS Only
MATURITY_DATE	NULL	DATE	The date on which the item matures – Used By WMS Only
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Lot attributes descriptive flexfield structure defining column
ITEM_SIZE	NULL	NUMBER	The size of a given product, determined by visual inspection. – Used By WMS Only
COLOR	NULL	VARCHAR2(150)	Color– Used By WMS Only
VOLUME	NULL	NUMBER	The volume of the lot or sublot– Used By WMS Only
VOLUME_UOM	NULL	VARCHAR2(3)	When defining the volume attribute the ability to identify a volume unit of measure such as cubic inches or cubic centimeters should also be included. – Used By WMS Only
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	Country of Origin– Used By WMS Only
BEST_BY_DATE	NULL	DATE	The date on or before which the lot or sublot is best used.– Used By WMS Only
LENGTH	NULL	NUMBER	The length dimension of the lot or sublot.– Used By WMS Only
LENGTH_UOM	NULL	VARCHAR2(3)	Unit of measure for measuring lenght– Used By WMS Only
RECYCLED_CONTENT	NULL	NUMBER	The content, usually expressed as a percentage, of the product that is made up of recycled materials– Used By WMS Only
THICKNESS	NULL	NUMBER	The thickness dimension of the lot.– Used By WMS Only
THICKNESS_UOM	NULL	VARCHAR2(3)	UOM to measure thickness– Used By WMS Only
WIDTH	NULL	NUMBER	The width dimension of the lot.– Used By WMS Only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
WIDTH_UOM	NULL	VARCHAR2(3)	UOM to measure width dimension of the lot.– Used By WMS Only
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	This attribute is used in the pulp and paper industry to identify potential problems when feeding the paper through machinery.– Used By WMS Only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment– Used By WMS Only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_LOT_NUMBERS_N1	NOT UNIQUE	1	LOT_NUMBER
MTL_LOT_NUMBERS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	LOT_NUMBER
MTL_LOT_NUMBERS_U2	UNIQUE	5	GEN_OBJECT_ID

Sequences

Sequence	Derived Column
MTL_GEN_OBJECT_ID_S	GEN_OBJECT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MANUFACTURERS

MTL_MANUFACTURERS stores the definition of a manufacturer of items defined in Oracle Inventory. This information may be used to search for items by manufacturer or by manufacturer's part number.

Manufacturer part numbers for items produced by the manufacturers defined here are stored in MTL_MFG_PART_NUMBERS.

Column Descriptions

Name	Null?	Type	Description
MANUFACTURER_ID (PK)	NOT NULL	NUMBER	Manufacturer identifier
MANUFACTURER_NAME	NOT NULL	VARCHAR2(30)	Manufacturer name
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)	Manufacturer description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MANUFACTURERS_U1	UNIQUE	1	MANUFACTURER_ID

Sequences

Sequence	Derived Column
MTL_MANUFACTURERS_S	MANUFACTURER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_STATUSES

MTL_MATERIAL_STATUSES is the definition table for the inventory statuses. The defined status can be assigned to Subinventory, locator, lot and serial to restrict certain transaction types. This table is only used to seed the predefined statuses. MTL_MATERIAL_STATUSES_B and MTL_MATERIAL_STATUSES_TL are used in the applications.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENABLED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOCATOR_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOT_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SERIAL_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ZONE_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
STATUS_ID (PK)	NOT NULL	NUMBER	Status identifier
STATUS_CODE	NOT NULL	VARCHAR2(80)	Status name
DESCRIPTION	NULL	VARCHAR2(240)	Description for this status
ZONE_CONTROL	NULL	NUMBER	Indicates whether this status can be assigned to subinventory (1) or not(2)
LOCATOR_CONTROL	NULL	NUMBER	Indicates whether this status can be assigned to locator(1) or not(2)
LOT_CONTROL	NULL	NUMBER	Indicates whether this status can be assigned to lot(1) or not(2)
SERIAL_CONTROL	NULL	NUMBER	Indicates whether this status can be assigned to serial(1) or not(2)
ENABLED_FLAG	NULL	NUMBER	Indicates if this status is active(1) or not(2)
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 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_STATUSES_U1	UNIQUE	1	STATUS_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_STATUSES_B

MTL_MATERIAL_STATUSES_B is the base table for the inventory statuses. It contains all the attributes which are not translated and don't vary by language. The defined status can be assigned to Subinventory, locator, lot and serial to restrict certain transaction types.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENABLED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOCATOR_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOT_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LPN_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SERIAL_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ZONE_CONTROL	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
STATUS_ID (PK)	NOT NULL	NUMBER	Status identifier
ZONE_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to Subinventory (1) or not (2)
LOCATOR_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to Locator (1) or not (2)
LOT_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to Lot (1) or not (2)
SERIAL_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to Serial (1) or not (2)
ENABLED_FLAG	NOT NULL	NUMBER	Indicates if the status is active (1) or not (2)
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 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
LPN_CONTROL	NOT NULL	NUMBER	Indicates if the status can be assigned to LPN (1) or not (2)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_STATUSES_B_PK	UNIQUE	10	STATUS_ID

Sequences

Sequence	Derived Column
MTL_MATERIAL_STATUS_S	STATUS_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_STATUSES_TL

MTL_MATERIAL_STATUSES_TL is the translation table for the inventory statuses. It contains all the attributes which vary by language such as status code and description. The translated attributes are maintained for all installed languages.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID

Column Descriptions

Name	Null?	Type	Description
STATUS_ID (PK)	NOT NULL	NUMBER	Status identifier
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	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
STATUS_CODE	NOT NULL	VARCHAR2(80)	Status name
DESCRIPTION	NULL	VARCHAR2(240)	Status description
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Destination language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Source language

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_STATUSES_TL_PK	UNIQUE	2	STATUS_ID
		6	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_STATUS_HISTORY

MTL_MATERIAL_STATUS_HISTORY stores the status update history for subinventory, locator, lot and serial.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_LOT_NUMBERS	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID ZONE_CODE
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID SERIAL_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID SERIAL_NUMBER
MTL_TRANSACTION_REASONS	REASON_ID	UPDATE_REASON_ID

Column Descriptions

Name	Null?	Type	Description
STATUS_UPDATE_ID (PK)	NOT NULL	NUMBER	Status history identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number
UPDATE_METHOD	NOT NULL	NUMBER	Status update method
STATUS_ID	NOT NULL	NUMBER	Status identifier
ZONE_CODE	NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Locator identifier
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
UPDATE_REASON_ID	NULL	NUMBER	Update reason identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_STATUS_HISTORY_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	LOT_NUMBER
MTL_MATERIAL_STATUS_HISTORY_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	SERIAL_NUMBER
MTL_MATERIAL_STATUS_HISTORY_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	ZONE_CODE
MTL_MATERIAL_STATUS_HISTORY_N4	NOT UNIQUE	1	ORGANIZATION_ID
		2	LOCATOR_ID

Sequences

Sequence	Derived Column
MTL_MATERIAL_STATUS_HISTORY_S	STATUS_UPDATE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_TRANSACTIONS

MTL_MATERIAL_TRANSACTIONS stores a record of every material transaction or cost update performed in Inventory.

Records are inserted into this table either through the transaction processor or by the standard cost update program. The columns TRANSACTION_TYPE_ID, TRANSACTION_ACTION_ID, TRANSACTION_SOURCE_TYPE_ID, TRANSACTION_SOURCE_ID and TRANSACTION_SOURCE_NAME describe what the transaction is and against what entity it was performed.

All accounting journal entries for a given transaction are stored in MTL_TRANSACTION_ACCOUNTS, joined by the column TRANSACTION_ID.

If the item is under lot control then the lot records are stored in MTL_TRANSACTION_LOT_NUMBERS, joined by the column TRANSACTION_ID. If the item is under serial control then the serial records are stored in MTL_UNIT_TRANSACTIONS, joined by the column TRANSACTION_ID. The Item revision and locator control are stored in the columns REVISION and LOCATOR_ID respectively.

Transfer transactions are represented as two single records in the table. They are related through the column TRANSFER_TRANSACTION_ID, which contains the TRANSACTION_ID of the other transaction in the transfer.

The index MTL_MATERIAL_TRANSACTIONS_UPGD is used only during install and upgrade, and will be dropped during the course thereof, but is included here for completeness.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	TRANSFER_COST_GROUP_ID
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSFER_COST_DIST_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_DIST_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISTRIBUTION_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	CURRENCY_CODE
MTL_CYCLE_COUNT_ENTRIES	CYCLE_COUNT_ENTRY_ID	CYCLE_COUNT_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_PHYSICAL_ADJUSTMENTS	ADJUSTMENT_ID	PHYSICAL_ADJUSTMENT_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SO_RMA_INTERFACE	RMA_LINE_ID	RMA_LINE_ID
MTL_SO_RMA_INTERFACE	RMA_LINE_ID	TRX_SOURCE_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID
MTL_TXN_REQUEST_LINES	HEADER_ID	TRANSACTION_SOURCE_ID
MTL_TXN_REQUEST_LINES	LINE_ID	MOVE_ORDER_LINE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TRANSACTION_UOM
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	TRANSACTION_SOURCE_ID
WIP_FLOW_SCHEDULES	WIP_ENTITY_ID	TRANSACTION_SOURCE_ID
WIP_MOVE_TRANSACTIONS	TRANSACTION_ID	MOVE_TRANSACTION_ID
WIP_REPETITIVE_ITEMS	WIP_ENTITY_ID LINE_ID	TRANSACTION_SOURCE_ID REPETITIVE_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TRANSACTION_ACTION_ID	MTL_TRANSACTION_ACTION	MFG_LOOKUPS
	1	Issue from stores
	12	Intransit receipt
	2	Subinventory transfer
	21	Intransit shipment
	24	Cost update
	27	Receipt into stores
	28	Staging transfer
	29	Delivery adjustments
	3	Direct organization transfer
	30	WIP scrap transaction
	31	Assembly completion
	32	Assembly return
	4	Cycle count adjustment
	8	Physical inventory adjust-ment

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	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
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
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Transaction secondary inventory
LOCATOR_ID	NULL	NUMBER	Locator id for stock locators
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Transaction type identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSACTION_ACTION_ID	NOT NULL	NUMBER	Transaction action identifier
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source identifier
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(30)	Transaction source identfier
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Transaction unit of measure
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity in terms of primary uom of the item
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
VARIANCE_AMOUNT	NULL	NUMBER	Used for average cost update transactions
ACCT_PERIOD_ID	NULL	NUMBER	Accounting period identifier
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction reference code
REASON_ID	NULL	NUMBER	Transaction reason identifier
DISTRIBUTION_ACCOUNT_ID	NULL	NUMBER	Distribution account identifier
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account identifier for PO transactions
ENCUMBRANCE_AMOUNT	NULL	NUMBER	Total encumbrance amount
COST_UPDATE_ID	NULL	NUMBER	Cost identifier
COSTED_FLAG	NULL	VARCHAR2(1)	Costed flag to mark if the transactions are costed or not
TRANSACTION_GROUP_ID	NULL	NUMBER	Transaction group iIdentifier for distribution processing by the cost processor
INVOICED_FLAG	NULL	VARCHAR2(1)	Invoiced flag to mark if the transactions are invoiced
ACTUAL_COST	NULL	NUMBER	Actual cost
TRANSACTION_COST	NULL	NUMBER	The cost entered by the user during a transaction
PRIOR_COST	NULL	NUMBER	Item cost before the transaction
NEW_COST	NULL	NUMBER	Item cost after the transaction processing
CURRENCY_CODE	NULL	VARCHAR2(10)	Currency conversion code
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	ussgl transaction code
QUANTITY_ADJUSTED	NULL	NUMBER	Standard cost quantity adjusted
EMPLOYEE_CODE	NULL	VARCHAR2(10)	Transaction requestor
DEPARTMENT_ID	NULL	NUMBER	Department identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
MASTER_SCHEDULE_UPDATE_CODE	NULL	VARCHAR2(10)	Master schedule update code
RECEIVING_DOCUMENT	NULL	VARCHAR2(10)	Receiving document
PICKING_LINE_ID	NULL	NUMBER	Picking line id
TRX_SOURCE_LINE_ID	NULL	NUMBER	Line level transaction source id
TRX_SOURCE_DELIVERY_ID	NULL	NUMBER	Sales order delivery identifier
REPETITIVE_LINE_ID	NULL	NUMBER	Repetitive line id
PHYSICAL_ADJUSTMENT_ID	NULL	NUMBER	Physical adjustment identifier
CYCLE_COUNT_ID	NULL	NUMBER	Cycle count identifier
RMA_LINE_ID	NULL	NUMBER	Rma line identifier
TRANSFER_TRANSACTION_ID	NULL	NUMBER	Transaction id of the opposing transfer transaction
TRANSACTION_SET_ID	NULL	NUMBER	Transaction group identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction cross reference
MOVE_TRANSACTION_ID	NULL	NUMBER	Move transaction cross reference
COMPLETION_TRANSACTION_ID	NULL	NUMBER	Completion transaction cross reference
SHORTAGE_PROCESS_CODE	NULL	NUMBER	Flag indicating workflow notifications should be provided for this transaction if shortage exists
SOURCE_CODE	NULL	VARCHAR2(30)	User– entered source code for outside transactions
SOURCE_LINE_ID	NULL	NUMBER	User entered source line identifier for outside transactions
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
TRANSFER_ORGANIZATION_ID	NULL	NUMBER	Transfer opposing organization id
TRANSFER_SUBINVENTORY	NULL	VARCHAR2(10)	Transfer transaction opposing subinventory
TRANSFER_LOCATOR_ID	NULL	NUMBER	Transfer transaction opposing locator id
SHIPMENT_NUMBER	NULL	VARCHAR2(30)	Intransit shipment identifier
TRANSFER_COST	NULL	NUMBER	Transfer cost specified for inter–org transfers
TRANSPORTATION_DIST_ACCOUNT	NULL	NUMBER	Transfer transportation distribution account
TRANSPORTATION_COST	NULL	NUMBER	Transfer transportation cost
TRANSFER_COST_DIST_ACCOUNT	NULL	NUMBER	Transaction transfer cost distribution account
WAYBILL_AIRBILL	NULL	VARCHAR2(20)	Airbill / waybill number
FREIGHT_CODE	NULL	VARCHAR2(25)	Intransit shipment freight code
NUMBER_OF_CONTAINERS	NULL	NUMBER	Number of containers
VALUE_CHANGE	NULL	NUMBER	Total value change for average cost update
PERCENTAGE_CHANGE	NULL	NUMBER	Percentage average cost change for average cost update
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
MOVEMENT_ID	NULL	NUMBER	Movement statistics cross reference
TASK_ID	NULL	NUMBER(15)	Task identifier
TO_TASK_ID	NULL	NUMBER(15)	”To” task identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROJECT_ID	NULL	NUMBER(15)	project identifier
TO_PROJECT_ID	NULL	NUMBER(15)	”To” project identifier
SOURCE_PROJECT_ID	NULL	NUMBER	Source project identifier
PA_EXPENDITURE_ORG_ID	NULL	NUMBER	Oracle Projects related expenditure organization identifier
SOURCE_TASK_ID	NULL	NUMBER	Source task identifier
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Oracle Projects related expenditure type
ERROR_CODE	NULL	VARCHAR2(240)	Error Code
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation
PRIOR_COSTED_QUANTITY	NULL	NUMBER	Costed quantity before this transaction
TRANSFER_PRIOR_COSTED_QUANTITY	NULL	NUMBER	Transfer quantity costed before this transaction
FINAL_COMPLETION_FLAG	NULL	VARCHAR2(1)	Indicates if job costs need to be flushed out for this discrete jobcompletion
PM_COST_COLLECTED	NULL	VARCHAR2(1)	Specifies whether the row has been interfaced to Oracle Projects
PM_COST_COLLECTOR_GROUP_ID	NULL	NUMBER	Group identifier used by cost collector to process group of records.
SHIPMENT_COSTED	NULL	VARCHAR2(1)	Indicates if the shipment transaction has been processed by the cost worker
TRANSFER_PERCENTAGE	NULL	NUMBER	Percentage of value to attribute to transfer costs in an Inter–Orgtransfer
MATERIAL_ACCOUNT	NULL	NUMBER	Specifies the material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Specifies the resource account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Specifies the acount to be charged for outside processing
OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the overhead account
COST_GROUP_ID	NULL	NUMBER	Cost group identifier
TRANSFER_COST_GROUP_ID	NULL	NUMBER	Transfer cost group identifier
FLOW_SCHEDULE	NULL	VARCHAR2(1)	Specifies whether the WIP transaction is a flow or a schedule type transaction
QA_COLLECTION_ID	NULL	NUMBER	Quality Results Identifier
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion transaction quantity
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion Primary quantity
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Overcompletion transaction Identifier
MVT_STAT_STATUS	NULL	VARCHAR2(240)	Flag to indicate that the transaction is updated/processed/new
COMMON_BOM_SEQ_ID	NULL	NUMBER	BOM identifier of common bill
COMMON_ROUTING_SEQ_ID	NULL	NUMBER	Routing identifier of common routing
ORG_COST_GROUP_ID	NULL	NUMBER	organization’s cost group id
COST_TYPE_ID	NULL	NUMBER	cost type id
PERIODIC_PRIMARY_QUANTITY	NULL	NUMBER	transaction quantity converted to primary uom of the transfer organization in case of periodic costing

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
MOVE_ORDER_LINE_ID	NULL	NUMBER	The move order line that this transaction line is tied to
TASK_GROUP_ID	NULL	NUMBER	Task group identifier for this task
RESERVATION_ID	NULL	NUMBER	Reservation identifier
PICK_SLIP_NUMBER	NULL	NUMBER	Pick Slip number for the transaction line
LPN_ID	NULL	NUMBER	License Plate Number Identifier – used by WMS only
TRANSFER_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier
PICK_STRATEGY_ID	NULL	NUMBER	WMS strategy used for picking
PICK_RULE_ID	NULL	NUMBER	WMS rule used for picking
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	WMS strategy used for put away
PUT_AWAY_RULE_ID	NULL	NUMBER	WMS rule used for put away
CONTENT_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier – used by WMS only
PICK_SLIP_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANSACTIONS_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N10	NOT UNIQUE	1	COSTED_FLAG
		3	TRANSACTION_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_N11	NOT UNIQUE	2	INVOICED_FLAG
MTL_MATERIAL_TRANSACTIONS_N12	NOT UNIQUE	1	TRANSACTION_SET_ID
MTL_MATERIAL_TRANSACTIONS_N13	NOT UNIQUE	2	PM_COST_COLLECTED
		4	PM_COST_COLLECTOR_GROUP_ID
MTL_MATERIAL_TRANSACTIONS_N14	NOT UNIQUE	2	COMPLETION_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_N15	NOT UNIQUE	1	TRANSACTION_ACTION_ID
		2	TRANSACTION_TYPE_ID
		3	TRANSACTION_SOURCE_TYPE_ID
		4	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N16	NOT UNIQUE	5	PICK_SLIP_NUMBER
MTL_MATERIAL_TRANSACTIONS_N17	NOT UNIQUE	5	MOVE_ORDER_LINE_ID
MTL_MATERIAL_TRANSACTIONS_N18	NOT UNIQUE	10	PICKING_LINE_ID
MTL_MATERIAL_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_SOURCE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N3	NOT UNIQUE	1	SUBINVENTORY_CODE
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N4	NOT UNIQUE	1	VENDOR_LOT_NUMBER
MTL_MATERIAL_TRANSACTIONS_N5	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_N6	NOT UNIQUE	1	SHIPMENT_NUMBER
MTL_MATERIAL_TRANSACTIONS_N7	NOT UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS_N8	NOT UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
		4	TRANSACTION_SOURCE_NAME
MTL_MATERIAL_TRANSACTIONS_N9	NOT UNIQUE	1	TRANSACTION_ACTION_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_TYPE_ID
		4	TRANSACTION_DATE
MTL_MATERIAL_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANSACTIONS_U2	UNIQUE	1	TRANSACTION_ACTION_ID
		2	TRANSACTION_TYPE_ID
		3	TRANSACTION_SOURCE_TYPE_ID
		4	TRANSACTION_ID

Sequences

Sequence	Derived Column
MTL_MATERIAL_TRANSACTIONS_S	TRANSACTION_ID

Database Triggers

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

This trigger is on the COSTED_FLAG column of MTL_MATERIAL_TRANSACTIONS. It calls a PL/SQL package to update MTL_TRANSCATION_ACCOUNTS.REFERENCE_ACCOUNT with the value in MTL_MATERIAL_TRANSACTIONS.DISTRIBUTION_ACCOUNT_ID. This trigger is installed and active only if you have installed Asia/Pacific Localizations (JA).

Trigger Name : AX_MTL_MAT_TRANS_ARI1
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger captures accounting events related to Oracle Inventory cost updates. It fires right after the cost update program create a cost update for an inventory transaction. This trigger populates the AX_EVENTS table.

Trigger Name : AX_MTL_MAT_TRANS_BRU1
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : UPDATE

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger captures accounting events related to Oracle Inventory material transactions. It executes when the inventory transaction is processed by the cost processor. This trigger populates the AX_EVENTS table.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_TRANSACTIONS_EFC

MTL_MATERIAL_TRANSACTIONS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_MATERIAL_TRANSACTIONS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
TRANSPORTATION_COST	NULL	NUMBER	Transportation Cost
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
NEW_COST	NULL	NUMBER	New Cost
ACTUAL_COST	NULL	NUMBER	Actual Cost
PRIOR_COST	NULL	NUMBER	Prior Cost
ENCUMBRANCE_AMOUNT	NULL	NUMBER	Encumbrance Amount
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Rate
VARIANCE_AMOUNT	NULL	NUMBER	Variance Amount
TRANSFER_COST	NULL	NUMBER	Transfer Cost
TRANSACTION_COST	NULL	NUMBER	Transaction Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_TRANSACTIONS_TEMP

MTL_MATERIAL_TRANSACTIONS_TEMP is the gateway for all material transactions.

Records are processed from this table into Inventory through the transaction processor. All Inventory transaction forms write directly to this table. Outside applications must write transaction records to MTL_TRANSACTIONS_INTERFACE to be processed through MTL_MATERIAL_TRANSACTIONS_TEMP and the transaction processor by the Transaction Worker concurrent program.

Lots and serial numbers for a MTL_MATERIAL_TRANSACTIONS_TEMP(MMTT) record are stored in the tables MTL_TRANSACTION_LOTS_TEMP(MTLT) and MTL_SERIAL_NUMBERS_TEMP(MSNT). If the item is under lot control, then MMTT.TRANSACTION_TEMP_ID joins to MTLT.TRANSACTION_TEMP_ID. If the item is also under serial number control, then MTLT.SERIAL_TRANSACTION_TEMP_ID joins to MSNT.TRANSACTION_TEMP_ID. If the item is only under serial number control, then MMTT.TRANSACTION_TEMP_ID joins to MSNT.TRANSACTION_TEMP_ID.

Transfer transactions are stored in this table as a single record. The transaction processor creates two transactions from the single record.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISTRIBUTION_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_ACCOUNT
MTL_GENERIC_DISPOSITIONS	DISPOSITION_ID ORGANIZATION_ID	TRANSACTION_SOURCE_TYPE_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	TRANSFER_TO_LOCATION TRANSFER_ORGANIZATION
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_RESERVATIONS	RESERVATION_ID	RESERVATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	TRANSFER_SUBINVENTORY TRANSFER_ORGANIZATION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TXN_REQUEST_LINES	LINE_ID	MOVE_ORDER_LINE_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	TRANSACTION_SOURCE_ID
WIP_FLOW_SCHEDULES	WIP_ENTITY_ID	TRANSACTION_SOURCE_ID
WIP_MOVE_TRANSACTIONS	TRANSACTION_ID	MOVE_TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_REPETITIVE_ITEMS	LINE_ID	REPETITIVE_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SETUP_TEARDOWN_CODE	WIP_SETUP_TEARDOWN	MFG_LOOKUPS
	1	Normal issue/receipt
TRANSACTION_SOURCE_TYPE_ID	MTL_DISPOSITION	MFG_LOOKUPS
	1	Purchase order
	2	Sales order
	3	Account number
	4	Job or schedule
	5	Job or schedule
	6	Account alias

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_HEADER_ID	NULL	NUMBER	Transaction group identifier
TRANSACTION_TEMP_ID	NULL	NUMBER	Transaction line identifier used to join to lot or serial table when under these controls
SOURCE_CODE	NULL	VARCHAR2(30)	Source identifier
SOURCE_LINE_ID	NULL	NUMBER	Source line identifier
TRANSACTION_MODE	NULL	NUMBER	Process mode code
LOCK_FLAG	NULL	VARCHAR2(1)	Row lock flag used by Transaction Manager
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
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Locator identifier
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Quantity entered at transaction time
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity in terms of the primary uom of the item
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	UOM used at the time of transaction
TRANSACTION_COST	NULL	NUMBER	Transaction cost
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Transaction type identifier
TRANSACTION_ACTION_ID	NOT NULL	NUMBER	Transaction action identifier
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source idenfier
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(30)	Transaction source identifier
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting period identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
DISTRIBUTION_ACCOUNT_ID	NULL	NUMBER	Account identifier the transaction charged to
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction reference
REQUISITION_LINE_ID	NULL	NUMBER	Requisition line identifier
REQUISITION_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution identifier
REASON_ID	NULL	NUMBER	Transaction reason identifier
LOT_NUMBER	NULL	VARCHAR2(30)	Lot Number
LOT_EXPIRATION_DATE	NULL	DATE	Lot expiration date
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number
RECEIVING_DOCUMENT	NULL	VARCHAR2(10)	Receiving document
DEMAND_ID	NULL	NUMBER	Demand identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction identifier
MOVE_TRANSACTION_ID	NULL	NUMBER	Move transaction identifier
COMPLETION_TRANSACTION_ID	NULL	NUMBER	Completion transaction identifier
WIP_ENTITY_TYPE	NULL	NUMBER	Wip entity type code
SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
REPETITIVE_LINE_ID	NULL	NUMBER	Repetitive line identifier
EMPLOYEE_CODE	NULL	VARCHAR2(10)	Employee code
PRIMARY_SWITCH	NULL	NUMBER	Primary assembly identifier
SCHEDULE_UPDATE_CODE	NULL	NUMBER	Schedule update code
SETUP_TEARDOWN_CODE	NULL	NUMBER	Setup teardown code
ITEM_ORDERING	NULL	NUMBER	Item ordering
NEGATIVE_REQ_FLAG	NULL	NUMBER	Negative requirement flag
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
PICKING_LINE_ID	NULL	NUMBER	Picking line id
TRX_SOURCE_LINE_ID	NULL	NUMBER	Line level transaction source identifier
TRX_SOURCE_DELIVERY_ID	NULL	NUMBER	Delivery level transaction source identifier
PHYSICAL_ADJUSTMENT_ID	NULL	NUMBER	Physical adjustment identifier
CYCLE_COUNT_ID	NULL	NUMBER	Cycle count identifier
RMA_LINE_ID	NULL	NUMBER	RMA line identifier
CUSTOMER_SHIP_ID	NULL	NUMBER	Customer shipping identifier
CURRENCY_CODE	NULL	VARCHAR2(10)	Currency code
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	USSGL transaction date
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account identifier
ENCUMBRANCE_AMOUNT	NULL	NUMBER	Encumbrance amount
SHIP_TO_LOCATION	NULL	NUMBER	Ship to location identifier
SHIPMENT_NUMBER	NULL	VARCHAR2(30)	Intransit shipment identifier
TRANSFER_COST	NULL	NUMBER	Transfer cost
TRANSPORTATION_COST	NULL	NUMBER	Transportation cost
TRANSPORTATION_ACCOUNT	NULL	NUMBER	Transportation account
FREIGHT_CODE	NULL	VARCHAR2(25)	Freight identifier
CONTAINERS	NULL	NUMBER	Number of containers
WAYBILL_AIRBILL	NULL	VARCHAR2(20)	Waybill / Airbill
EXPECTED_ARRIVAL_DATE	NULL	DATE	Expected arrival date

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TRANSFER_SUBINVENTORY	NULL	VARCHAR2(10)	Opposing subinventory identifier in transfer transactions
TRANSFER_ORGANIZATION	NULL	NUMBER	Opposing organization identifier in transfer transactions
TRANSFER_TO_LOCATION	NULL	NUMBER	Opposing locator identifier in transfer transactions
NEW_AVERAGE_COST	NULL	NUMBER	New average cost used for average cost update
VALUE_CHANGE	NULL	NUMBER	Value change used for average cost update
PERCENTAGE_CHANGE	NULL	NUMBER	Percent change used for average cost update
MATERIAL_ALLOCATION_TEMP_ID	NULL	NUMBER	Material allocation temporary identifier
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Demand source header identifier
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Demand source line identifier
DEMAND_SOURCE_DELIVERY	NULL	VARCHAR2(30)	Demand source line identifier
ITEM_SEGMENTS	NULL	VARCHAR2(240)	Inventory item segments
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Inventory item description
ITEM_TRX_ENABLED_FLAG	NULL	VARCHAR2(1)	Inventory item transaction enabled flag
ITEM_LOCATION_CONTROL_CODE	NULL	NUMBER	Inventory item locator control code
ITEM_RESTRICT_SUBINV_CODE	NULL	NUMBER	Inventory item restrict subinventory code
ITEM_RESTRICT_LOCATORS_CODE	NULL	NUMBER	Inventory item restrict locators code
ITEM_REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Inventory item revision control code
ITEM_PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Inventory item primary uom
ITEM_UOM_CLASS	NULL	VARCHAR2(10)	Inventory item uom class
ITEM_SHELF_LIFE_CODE	NULL	NUMBER	Inventory item shelf life code
ITEM_SHELF_LIFE_DAYS	NULL	NUMBER	Inventory item shelf life days
ITEM_LOT_CONTROL_CODE	NULL	NUMBER	Inventory item lot control code
ITEM_SERIAL_CONTROL_CODE	NULL	NUMBER	Inventory item serial control code
ITEM_INVENTORY_ASSET_FLAG	NULL	VARCHAR2(1)	Inventory item asset flag
ALLOWED_UNITS_LOOKUP_CODE	NULL	NUMBER	Inventory item uom conversions type
DEPARTMENT_ID	NULL	NUMBER	Department identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Department code
WIP_SUPPLY_TYPE	NULL	NUMBER	Wip supply type
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Supply subinventory
SUPPLY_LOCATOR_ID	NULL	NUMBER	Supply locator identifier
VALID_SUBINVENTORY_FLAG	NULL	VARCHAR2(1)	Valid subinventory flag
VALID_LOCATOR_FLAG	NULL	VARCHAR2(1)	Valid locator flag
LOCATOR_SEGMENTS	NULL	VARCHAR2(240)	Locator segments
CURRENT_LOCATOR_CONTROL_CODE	NULL	NUMBER	Inventory item locator control code
NUMBER_OF_LOTS_ENTERED	NULL	NUMBER	Total lot records entered
WIP_COMMIT_FLAG	NULL	VARCHAR2(1)	WIP commit flag
NEXT_LOT_NUMBER	NULL	VARCHAR2(30)	Inventory item next lot number
LOT_ALPHA_PREFIX	NULL	VARCHAR2(30)	Inventory item lot prefix
NEXT_SERIAL_NUMBER	NULL	VARCHAR2(30)	Inventory item next valid serial number
SERIAL_ALPHA_PREFIX	NULL	VARCHAR2(30)	Inventory item serial prefix

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SHIPPABLE_FLAG	NULL	VARCHAR2(1)	Inventory item shippable flag
POSTING_FLAG	NULL	VARCHAR2(1)	Posting flag
REQUIRED_FLAG	NULL	VARCHAR2(1)	Required flag
PROCESS_FLAG	NULL	VARCHAR2(1)	Row process flag used by Transaction Manager
ERROR_CODE	NULL	VARCHAR2(240)	Error code
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation
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
MOVEMENT_ID	NULL	NUMBER	Movement statistics cross reference
RESERVATION_QUANTITY	NULL	NUMBER	Reservation quantity
SHIPPED_QUANTITY	NULL	NUMBER	Shipped quantity
TRANSACTION_LINE_NUMBER	NULL	NUMBER	Transaction line number.
TASK_ID	NULL	NUMBER(15)	Task identifier
TO_TASK_ID	NULL	NUMBER(15)	″To″ task identifier
SOURCE_TASK_ID	NULL	NUMBER	Source task identifier
PROJECT_ID	NULL	NUMBER(15)	Project identifier
SOURCE_PROJECT_ID	NULL	NUMBER	Source project identifier
PA_EXPENDITURE_ORG_ID	NULL	NUMBER	Oracle Projects related expenditure organization identifier
TO_PROJECT_ID	NULL	NUMBER(15)	″To″ project identifier
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Oracle Projects related expenditure type
FINAL_COMPLETION_FLAG	NULL	VARCHAR2(1)	Indicates if job costs must be flushed out for this job completion.
TRANSFER_PERCENTAGE	NULL	NUMBER	Percentage of value to attribute to transfer costs in an inter–org transfer
TRANSACTION_SEQUENCE_ID	NULL	NUMBER	Transaction sequence identifier (currently not used)
MATERIAL_ACCOUNT	NULL	NUMBER	Specifies the material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	specifies the material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Specifies the resource account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Specifies the account to be charged for outside processing
OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the overhead account
FLOW_SCHEDULE	NULL	VARCHAR2(1)	Specifies whether the WIP transaction is a flow or schedule type transaction

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COST_GROUP_ID	NULL	NUMBER	Cost group identifier
TRANSFER_COST_GROUP_ID	NULL	NUMBER	Transfer Cost Group
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand Class
QA_COLLECTION_ID	NULL	NUMBER	Quality Results Identifier
KANBAN_CARD_ID	NULL	NUMBER	Kanban card identifier
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion transaction quantity
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion Primary quantity
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Overcompletion Transaction Identifier
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(60)	End Item Unit Number
SCHEDULED_PAYBACK_DATE	NULL	DATE	Standard Who column
LINE_TYPE_CODE	NULL	NUMBER	Line type code
PARENT_TRANSACTION_TEMP_ID	NULL	NUMBER	Parent transaction temp id
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	Put away Strategy ID – used by WMS only
PUT_AWAY_RULE_ID	NULL	NUMBER	Put away Rule ID – used by WMS only
PICK_STRATEGY_ID	NULL	NUMBER	Pick Strategy ID – used by WMS only
PICK_RULE_ID	NULL	NUMBER	Pick Rule ID
MOVE_ORDER_LINE_ID	NULL	NUMBER	Move order line identifier that this transaction line is tied to
TASK_GROUP_ID	NULL	NUMBER	Task group identifier for this task
PICK_SLIP_NUMBER	NULL	NUMBER	Pick Slip number for the transaction line
RESERVATION_ID	NULL	NUMBER	Reservation identifier
COMMON_BOM_SEQ_ID	NULL	NUMBER	Bill identifier of common bom used
COMMON_ROUTING_SEQ_ID	NULL	NUMBER	Routing id of the common routing used
ORG_COST_GROUP_ID	NULL	NUMBER	Organization’s cost group identifier
COST_TYPE_ID	NULL	NUMBER	Cost type
TRANSACTION_STATUS	NULL	NUMBER	Indicates if it has to be processed or just saved. NULL or 1 is default behavior. 2 is save only. 3 is ready to process
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation identifier – used by WMS only
TASK_PRIORITY	NULL	NUMBER	Task priority – used by WMS only
WMS_TASK_TYPE	NULL	NUMBER	WMS Task Type – used by WMS only
PARENT_LINE_ID	NULL	NUMBER	(For future use only)
LPN_ID	NULL	NUMBER	License Plate Number Identifier – used by WMS only
TRANSFER_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier – used by WMS only
WMS_TASK_STATUS	NULL	NUMBER	Status of the WMS task
CONTENT_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier – used by WMS only
CONTAINER_ITEM_ID	NULL	NUMBER	Item id for suggested container item for this line – used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CARTONIZATION_ID	NULL	NUMBER	Sequential LPN Id generated by cartonization – used by WMS only
PICK_SLIP_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANS_TEMP_N1	NOT UNIQUE	1	TRANSACTION_HEADER_ID
MTL_MATERIAL_TRANS_TEMP_N10	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
		3	LOCATOR_ID
MTL_MATERIAL_TRANS_TEMP_N11	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSFER_SUBINVENTORY
MTL_MATERIAL_TRANS_TEMP_N12	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSFER_SUBINVENTORY
		3	TRANSFER_TO_LOCATION
MTL_MATERIAL_TRANS_TEMP_N13	NOT UNIQUE	5	PICK_SLIP_NUMBER
MTL_MATERIAL_TRANS_TEMP_N14	NOT UNIQUE	5	MOVE_ORDER_LINE_ID
MTL_MATERIAL_TRANS_TEMP_N15	NOT UNIQUE	5	RESERVATION_ID
MTL_MATERIAL_TRANS_TEMP_N16	NOT UNIQUE	1	ORGANIZATION_ID
		2	WMS_TASK_TYPE
		3	STANDARD_OPERATION_ID
MTL_MATERIAL_TRANS_TEMP_N2	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	SUBINVENTORY_CODE
MTL_MATERIAL_TRANS_TEMP_N3	NOT UNIQUE	1	PICKING_LINE_ID
MTL_MATERIAL_TRANS_TEMP_N4	NOT UNIQUE	2	COMPLETION_TRANSACTION_ID
MTL_MATERIAL_TRANS_TEMP_N5	NOT UNIQUE	5	LINE_TYPE_CODE
MTL_MATERIAL_TRANS_TEMP_N6	NOT UNIQUE	6	PARENT_TRANSACTION_TEMP_ID
MTL_MATERIAL_TRANS_TEMP_N8	NOT UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID
		2	ORGANIZATION_ID
		3	TRANSACTION_DATE
		4	TRANSACTION_SOURCE_NAME
MTL_MATERIAL_TRANS_TEMP_N9	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
MTL_MATERIAL_TRANS_TEMP_U1	UNIQUE	1	TRANSACTION_TEMP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MATERIAL_TXN_ALLOCATIONS

MTL_MATERIAL_TXN_ALLOCATIONS stores the repetitive schedules charged by a material transaction. Each row contains the quantity transacted to each schedule for a given transaction. Oracle Work in Process uses this information to report the changes to individual schedules for multi–schedule material transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
REPETITIVE_SCHEDULE_ID (PK)	NOT NULL	NUMBER	WIP repetitive schedule charged for transaction
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
PRIMARY_QUANTITY	NOT NULL	NUMBER	Quantity allocated to the repetitive schedule, in the item’s primary unit of measure
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Quantity allocated to the repetitive schedule, with the unit of measure decided by the user
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
TRANSACTION_DATE	NOT NULL	DATE	Date of transaction

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TXN_ALLOCATION_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_MATERIAL_TXN_ALLOCATION_U1	UNIQUE	1	TRANSACTION_ID
		2	REPETITIVE_SCHEDULE_ID
		3	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MFG_PART_NUMBERS

MTL_MFG_PART_NUMBERS stores the cross reference between an item defined in Oracle Inventory and the part number used by its manufacturer. This information can be used to perform item searches by manufacturer part number.

Manufacturer part number references are defined for an item in the item master organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MANUFACTURERS	MANUFACTURER_ID	MANUFACTURER_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
MANUFACTURER_ID (PK)	NOT NULL	NUMBER	Manufacturer identifier
MFG_PART_NUM (PK)	NOT NULL	VARCHAR2(30)	Manufacturer's part number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item 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
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
MRP_PLANNING_CODE	NULL	NUMBER	(not currently used)
DESCRIPTION	NULL	VARCHAR2(240)	(not currently 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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MFG_PART_NUMBERS_U1	UNIQUE	1	ORGANIZATION_ID
		2	MANUFACTURER_ID
		3	MFG_PART_NUM
		4	INVENTORY_ITEM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MGD_INVENTORY_POSITIONS

MTL_MGD_INVENTORY_POSITIONS stores the data sets built for on line display or for export. It should be considered a temporary table since its content is a denormalization of the transactional data built for extraction purposes. This table contains a row for every combination of data set name, bucket name, organization code and inventory item code.

Column Descriptions

Name	Null?	Type	Description
DATA_SET_NAME	NOT NULL	VARCHAR2(80)	
BUCKET_NAME	NOT NULL	VARCHAR2(30)	
ORGANIZATION_CODE	NOT NULL	VARCHAR2(3)	
INVENTORY_ITEM_CODE	NOT NULL	VARCHAR2(2000)	
CREATION_DATE	NOT NULL	DATE	
CREATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_DATE	NOT NULL	DATE	
LAST_UPDATED_BY	NOT NULL	NUMBER	
LAST_UPDATE_LOGIN	NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
PROGRAM_APPLICATION_ID	NULL	NUMBER	
PROGRAM_ID	NULL	NUMBER	
PROGRAM_UPDATE_DATE	NULL	DATE	
HIERARCHY_ID	NOT NULL	NUMBER	
HIERARCHY_NAME	NOT NULL	VARCHAR2(30)	
PARENT_ORGANIZATION_CODE	NOT NULL	VARCHAR2(3)	
PARENT_ORGANIZATION_ID	NOT NULL	NUMBER	
BUCKET_SIZE_CODE	NULL	VARCHAR2(30)	
BUCKET_START_DATE	NOT NULL	DATE	
BUCKET_END_DATE	NOT NULL	DATE	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
ORGANIZATION_ID	NOT NULL	NUMBER	
HIERARCHY_DELTA_QTY	NOT NULL	NUMBER	
HIERARCHY_END_ON_HAND_QTY	NOT NULL	NUMBER	
ORG_RECEIVED_QTY	NOT NULL	NUMBER	
ORG_ISSUED_QTY	NOT NULL	NUMBER	
ORG_DELTA_QTY	NOT NULL	NUMBER	
ORG_END_ON_HAND_QTY	NOT NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MGD_INVENTORY_POSITIONS_N1	NOT UNIQUE	1	DATA_SET_NAME
MTL_MGD_INVENTORY_POSITIONS_N2	NOT UNIQUE	1	CREATED_BY
MTL_MGD_INVENTORY_POSITIONS_N3	NOT UNIQUE	1	DATA_SET_NAME
		2	BUCKET_NAME
		3	ORGANIZATION_ID
		4	INVENTORY_ITEM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MOVEMENT_PARAMETERS

This table stores all parameters required for movement statistics gathering and reporting by legal entities. A legal entity is associated with a statistical calendar, a category set for commodity codes, and currency conversion parameters. The table also stores the period name and reference for the latest official 'Frozen' report runs.

Column Descriptions

Name	Null?	Type	Description
ENTITY_ORG_ID (PK)	NOT NULL	NUMBER	Legal entity identifier
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	Statistical reporting period set
WEIGHT_UOM_CODE	NOT NULL	VARCHAR2(3)	Entity unit of measure for weight
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER	Standard Who column
ENTITY_BRANCH_REFERENCE	NULL	VARCHAR2(240)	Entity branch reference
CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CONVERSION_OPTION	NULL	VARCHAR2(30)	Currency conversion option
CATEGORY_SET_ID	NULL	NUMBER	Commodity code category set identifier
TAX_OFFICE_CODE	NULL	VARCHAR2(50)	Tax authority office code
TAX_OFFICE_NAME	NULL	VARCHAR2(240)	Tax authority name
TAX_OFFICE_LOCATION_ID	NULL	NUMBER	Tax authority location identifier
LAST_ARRIVAL_PERIOD	NULL	VARCHAR2(15)	Latest arrival official report period
LAST_ARRIVAL_ID	NULL	NUMBER	Latest arrival official report reference
LAST_ARRIVAL_ADJ_PERIOD	NULL	VARCHAR2(15)	Latest arrival adjustment official report period
LAST_ARRIVAL_ADJ_ID	NULL	NUMBER	Latest arrival adjustment official report reference
LAST_DISPATCH_PERIOD	NULL	VARCHAR2(15)	Latest dispatch official report period
LAST_DISPATCH_ID	NULL	NUMBER	Latest dispatch official report reference
LAST_DISPATCH_ADJ_PERIOD	NULL	VARCHAR2(15)	Latest dispatch adjustment official report period
LAST_DISPATCH_ADJ_ID	NULL	NUMBER	Latest dispatch adjustment official report reference
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE21	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE22	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE23	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE24	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE25	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE26	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE27	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE28	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE29	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE30	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MOVEMENT_STATISTICS

MTL_MOVEMENT_STATISTICS stores all relevant information for movement statistics transactions. Each transaction is identified by a unique MOVEMENT_ID number. The MOVEMENT_TYPE column indicates whether the movement is a dispatch, dispatch adjustment, arrival, or arrival adjustment. Transactions that are generated from external feeder systems have a DOCUMENT_SOURCE_TYPE of 'MISC', and their document and invoice references are not validated. Other movement transactions generated from Oracle Inventory, Oracle Puchasing, Oracle Order Management, or Oracle Shipping Execution are validated against their related document and invoice references via the appropriate foreign key reference columns.
PARENT_MOVEMENT_ID ties multiple movements for receiving transaction adjustments. Each movement statistics record is associated with a status that can assume one of the following

Open – newly created

Verified – record validated by the exception report

Frozen – record reported to the government through paper based report

EDI sent – record reported to government through EDI transaction If the record is in Frozen or EDI sent status, the user is not allowed to modified it nor to regenerate a paper based report or the EDI transaction. This implies that, in case the government rejects a reported record, users have to reset the status to open on order to modify the record and regenerate the report. This function is implememented by the Reset Transaction Status report. that for a given legal entity, economic zone, usage type, statistical type and period resets the status to open for all the records. Please note that the four logical states previously listed are implemented in the MTL_MOVEMENT_STATISTICS table by two seperate columns:

MOVEMENT_STATUS

EDI_SENT: having possible values Y, N

Column Descriptions

Name	Null?	Type	Description
MOVEMENT_ID (PK)	NOT NULL	NUMBER	Movement row identifier
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PARENT_MOVEMENT_ID	NOT NULL	NUMBER	Parent movement identifier. This column contains either the same ID as MOVEMENT_ID for rows that do not represent adjustments or the ID of the parent.
ENTITY_ORG_ID	NOT NULL	NUMBER	Legal entity identifier
ZONE_CODE	NULL	VARCHAR2(10)	Zone Code
USAGE_TYPE	NULL	VARCHAR2(30)	Usage Type INTERNAL or EXTERNAL
STAT_TYPE	NULL	VARCHAR2(30)	Statistical Format i.e. INTRASTAT, EXTRASTAT, etc.
CREATION_METHOD	NOT NULL	VARCHAR2(30)	Movement creation method (Zoom, Manual)
STAT_METHOD	NULL	VARCHAR2(30)	Method of calculating statistical value (Manual, System)
DOCUMENT_SOURCE_TYPE	NOT NULL	VARCHAR2(30)	Type of document out of which the movememt statistics record is created (i.e. PO, INVENTORY, SO ...)
PERIOD_NAME	NULL	VARCHAR2(15)	Reporting period name
SET_OF_BOOKS_PERIOD	NULL	VARCHAR2(15)	Period in which the transaction is accounted for
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
MOVEMENT_TYPE	NOT NULL	VARCHAR2(30)	Movement type (Arrival, Arrival adjustment, Dispatch, Dispatch adjustment)
DISPATCH_TERRITORY_CODE	NULL	VARCHAR2(2)	Goods dispatch country code
DISPATCH_TERRITORY_EU_CODE	NULL	VARCHAR2(3)	Goods dispatch European Union country code
DESTINATION_TERRITORY_CODE	NULL	VARCHAR2(2)	Goods destination country code
DESTINATION_TERRITORY_EU_CODE	NULL	VARCHAR2(3)	Goods destination European Union country code
TRIANGULATION_COUNTRY_CODE	NULL	VARCHAR2(30)	used to represent the territory code in the case drop shipment
TRIANGULATION_COUNTRY_EU_CODE	NULL	VARCHAR2(3)	used to represent the territory European Union code in the case drop shipment
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
CATEGORY_ID	NULL	NUMBER	Category identifier for commodity code
COMMODITY_CODE	NULL	VARCHAR2(240)	Used to specify the commodity code of the item in the movement statistic record. This column is only populated for a source type of miscellaneous. All other source types use the CATEGORY_ID column to specify the commodity code
COMMODITY_DESCRIPTION	NULL	VARCHAR2(240)	Used to specify the commodity code description for the item in the movement statistic record. Only populated for a source type ofmiscellaneous.
ORIGIN_TERRITORY_CODE	NULL	VARCHAR2(2)	Goods origin country code
ORIGIN_TERRITORY_EU_CODE	NULL	VARCHAR2(3)	European Union code for origin territory

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
MOVEMENT_AMOUNT	NULL	NUMBER	Reported amount calculated as: NVL(INVOICE_LINE_EXT_VALUE,INVOICE_LINE_EXT_VALUE + STAT_EXT_VALUE)
INVOICE_LINE_EXT_VALUE	NULL	NUMBER	Total invoice line extended value for goods,used only for transactions having an invoice.
DOCUMENT_LINE_EXT_VALUE	NULL	NUMBER	Total document line extended value; usedfor transactions not having an invoice(i.e. Inventory transactions – both Organization Transfer and Miscellaneous and Free Miscellaneous.)
CURRENCY_CODE	NULL	VARCHAR2(15)	Currency of movement transaction
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
STAT_ADJ_PERCENT	NULL	NUMBER	Statistical value adjustment expressed as a percentage
STAT_ADJ_AMOUNT	NULL	NUMBER	Statistical value adjustment expressed as afixed amount
STAT_EXT_VALUE	NULL	NUMBER	Statistical extended value (calculated asNVL(STAT_ADJ_PERCENTAGE(NVL(INVOICE_LINE_EXT_VALUE,DOCUMENT_LINE_EXT_VALUE) *STAT_ADJ_PERCENTAGE), STAT_ADJ_AMOUNT)
OUTSIDE_EXT_VALUE	NULL	NUMBER	Repair/ Process extended value
OUTSIDE_UNIT_PRICE	NULL	NUMBER	Repair/Process per unit price
WEIGHT_METHOD	NULL	VARCHAR2(30)	Method used for calculating weight (Manual, System)
UNIT_WEIGHT	NULL	NUMBER	Per unit weight in kilograms
TOTAL_WEIGHT	NULL	NUMBER	Total weight in kilogramsType of document (PO, SO, Misc, etc)
TOTAL_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Denormalized
TRANSACTION_QUANTITY	NULL	NUMBER	Movement quantity
TRANSACTION_UOM_CODE	NULL	VARCHAR2(3)	Movement unit of measure code
PRIMARY_QUANTITY	NULL	NUMBER	Movement quantity in terms of primary unit of measure of the item
ALTERNATE_QUANTITY	NULL	NUMBER	Number of supplement units
ALTERNATE_UOM_CODE	NULL	VARCHAR2(3)	Alternate unit of measure
DELIVERY_TERMS	NULL	VARCHAR2(30)	Delivery terms
TRANSACTION_NATURE	NULL	VARCHAR2(30)	Transaction nature
TRANSPORT_MODE	NULL	VARCHAR2(30)	Transport mode (i.e. air, sea etc)
STATISTICAL_PROCEDURE_CODE	NULL	VARCHAR2(30)	Statistical procedure (i.e. Dispatch to final destination,Temporary dispatch for further processing, etc)
AREA	NULL	VARCHAR2(30)	Area (province, location, or depatment code)API defaults from province in the trading partner master.
PORT	NULL	VARCHAR2(30)	Dispatch or arrival port (harbor, airport code, etc)
ITEM_COST	NULL	NUMBER	Item cost
TARIC_CODE	NULL	VARCHAR2(30)	taric code

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PREFERENCE_CODE	NULL	VARCHAR2(30)	preference code
FLOW_INDICATOR_CODE	NULL	VARCHAR2(30)	flow indicator code
AFFILIATION_REFERENCE_CODE	NULL	VARCHAR2(30)	affliliation reference code
OIL_REFERENCE_CODE	NULL	VARCHAR2(30)	oil reference code
CONTAINER_TYPE_CODE	NULL	VARCHAR2(30)	container type code
CSA_CODE	NULL	VARCHAR2(30)	csa code
OUTSIDE_CODE	NULL	VARCHAR2(30)	Indicator for movement purpose (Repair, Process, etc)
COMMENTS	NULL	VARCHAR2(240)	Comments – free text entered manually
RCV_TRANSACTION_ID	NULL	NUMBER	foreign key reference to RCV_Transactions table
PO_HEADER_ID	NULL	NUMBER	PO header identifier
PO_LINE_ID	NULL	NUMBER	PO line identifier
PO_LINE_LOCATION_ID	NULL	NUMBER	PO line location identifier
SHIPMENT_HEADER_ID	NULL	NUMBER	Receipt, shipment header identifier
SHIPMENT_LINE_ID	NULL	NUMBER	Receipt, shipment line identifier
PICKING_LINE_DETAIL_ID	NULL	NUMBER	Picking line detail identifier
PICKING_LINE_ID	NULL	NUMBER	Picking line identifier
ORDER_HEADER_ID	NULL	NUMBER	Order header identifier
ORDER_LINE_ID	NULL	NUMBER	Order line identifier
MTL_TRANSACTION_ID	NULL	NUMBER	foreign key reference to MTL_Material_Transactions table
REQUISITION_HEADER_ID	NULL	NUMBER	The unique identifier for the PO requisition tied to the movement statistic record
REQUISITION_LINE_ID	NULL	NUMBER	The unique identifier for the PO requisition line tied to the movement statistic record
SHIP_TO_CUSTOMER_ID	NULL	NUMBER	Ship–to customer identifier – SO + Internal Req
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship–to customer site identifier SO + Internal Req
BILL_TO_CUSTOMER_ID	NULL	NUMBER	Bill–to customer identifier SO + Internal Req
BILL_TO_SITE_USE_ID	NULL	NUMBER	Bill–to site customer identifier SO + Internal Req
VENDOR_ID	NULL	NUMBER	Supplier identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site identifier
FROM_ORGANIZATION_ID	NULL	NUMBER	'From' Organization identifier – used for inventory
TO_ORGANIZATION_ID	NULL	NUMBER	'To' Organization identifier – used for inventory
FINANCIAL_DOCUMENT_FLAG	NOT NULL	VARCHAR2(30)	Financial Document Flag
INVOICE_BATCH_ID	NULL	NUMBER	Invoice batch identifier
INVOICE_ID	NULL	NUMBER	Invoice identifier
CUSTOMER_TRX_LINE_ID	NULL	NUMBER	Invoice line identifier
DOCUMENT_REFERENCE	NULL	VARCHAR2(50)	Document reference number (for MISC type only)
DOCUMENT_LINE_REFERENCE	NULL	VARCHAR2(30)	Line number of document (for MISC type only)
DOCUMENT_UNIT_PRICE	NULL	NUMBER	Per unit document price
RECEIPT_REFERENCE	NULL	VARCHAR2(50)	Receipt number (for MISC type only)
SHIPMENT_REFERENCE	NULL	VARCHAR2(50)	Shipment number (for MISC type only)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SHIPMENT_LINE_REFERENCE	NULL	VARCHAR2(30)	Shipment line number (for MISC type only)
PICK_SLIP_REFERENCE	NULL	VARCHAR2(50)	Pick slip number (for MISC type only)
CUSTOMER_NAME	NULL	VARCHAR2(240)	Customer name reference (for MISC type only)
DISTRIBUTION_LINE_NUMBER	NULL	NUMBER	foreign key reference to AP_Line_Distributions table
CUSTOMER_NUMBER	NULL	VARCHAR2(50)	Customer number reference (for MISC type only)
CUSTOMER_LOCATION	NULL	VARCHAR2(50)	Customer location reference (for MISC type only)
SHIP_TO_NAME	NULL	VARCHAR2(240)	ship to name
TRANSACTING_FROM_ORG	NULL	VARCHAR2(50)	'From' Organization reference (for MISC type only)
SHIP_TO_NUMBER	NULL	VARCHAR2(50)	ship to number
SHIP_TO_SITE	NULL	VARCHAR2(50)	ship to site
TRANSACTING_TO_ORG	NULL	VARCHAR2(50)	'To' organization reference (for MISC type only)
VENDOR_NAME	NULL	VARCHAR2(240)	Supplier name reference (for MISC type only)
VENDOR_NUMBER	NULL	VARCHAR2(50)	Supplier number reference (for MISC type only)
VENDOR_SITE	NULL	VARCHAR2(50)	Supplier site reference (for MISC type only)
BILL_TO_NAME	NULL	VARCHAR2(240)	Bill–to name reference (for MISC type only)
BILL_TO_NUMBER	NULL	VARCHAR2(50)	Bill–to number reference (for MISC type only)
BILL_TO_SITE	NULL	VARCHAR2(50)	Bill–to site reference (for MISC type only)
INVOICE_BATCH_REFERENCE	NULL	VARCHAR2(50)	Invoice batch reference (for MISC type only)
INVOICE_REFERENCE	NULL	VARCHAR2(50)	Invoice reference (for MISC type only)
INVOICE_LINE_REFERENCE	NULL	VARCHAR2(30)	Invoice line reference (for MISC type only)
INVOICE_DATE_REFERENCE	NULL	DATE	Invoice date reference
INVOICE_QUANTITY	NULL	NUMBER	Invoice quantity
INVOICE_UNIT_PRICE	NULL	NUMBER	Per unit invoice price
REPORT_REFERENCE	NULL	VARCHAR2(35)	Report freeze reference
REPORT_DATE	NULL	DATE	Report date
EDI_SENT_FLAG	NOT NULL	VARCHAR2(1)	EDI sent flag
EDI_TRANSACTION_DATE	NULL	DATE	EDI transaction date
EDI_TRANSACTION_REFERENCE	NULL	VARCHAR2(35)	EDI transaction reference
MOVEMENT_STATUS	NOT NULL	VARCHAR2(30)	Movement row status (Unprocessed, Open, Frozen)
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CUSTOMER_VAT_NUMBER	NULL	NUMBER	
ESL_DROP_SHIPMENT_CODE	NULL	NUMBER	
OPM_TRANS_ID	NULL	NUMBER(10)	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MOVEMENT_STATISTICS_N1	NOT UNIQUE	10	ENTITY_ORG_ID
		20	ZONE_CODE
		30	USAGE_TYPE
		40	STAT_TYPE
		50	PERIOD_NAME
		60	MOVEMENT_TYPE
		70	MOVEMENT_STATUS
MTL_MOVEMENT_STATISTICS_N2	NOT UNIQUE	10	ENTITY_ORG_ID
		20	ZONE_CODE
		30	USAGE_TYPE
		40	STAT_TYPE
		50	PERIOD_NAME
		60	MOVEMENT_TYPE
		70	EDI_SENT_FLAG
MTL_MOVEMENT_STATISTICS_N3	NOT UNIQUE	5	ENTITY_ORG_ID
MTL_MOVEMENT_STATISTICS_N4	NOT UNIQUE	80	SHIP_TO_CUSTOMER_ID
		90	BILL_TO_CUSTOMER_ID
MTL_MOVEMENT_STATISTICS_N5	NOT UNIQUE	80	SHIP_TO_SITE_USE_ID
		90	BILL_TO_SITE_USE_ID
MTL_MOVEMENT_STATISTICS_U1	UNIQUE	1	MOVEMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MOVEMENT_STATISTICS_EFC

MTL_MOVEMENT_STATISTICS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_MOVEMENT_STATISTICS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Rate
MOVEMENT_ID	NOT NULL	NUMBER	Movement Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MVT_STATS_RULES

This table stores validation rules defined for movement statistics fields that belong to a rule set as defined in MTL_MVT_STATS_RULE_SETS_B table. Each row stores a rule that can determine a valid set of values for a field or an alternate unit of measure for the weight of a commodity code. Each row is uniquely identified by the combination of a Rule_Set_Code and a Rule_Number. Attribute_Code stores the movement statistics field name for which a rule is defined or the alternate unit of measure code. Attribute_Property_Code, Attribute_Lookup_Type and Source_Type columns qualify an attribute_code that stores the field names. Commodity_Code stores the commodity code associated to a Category Set as defined in the MTL_MVT_STATS_RULE_SETS_B as the category_set_id.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MVT_STATS_RULE_SETS_B	RULE_SET_CODE	RULE_SET_CODE

Column Descriptions

Name	Null?	Type	Description
RULE_NUMBER (PK)	NOT NULL	NUMBER	Rule Number combines with Rule_Set_Code to uniquely identify a Rule, part of PK of the table.
RULE_SET_CODE	NOT NULL	VARCHAR2(30)	Uniquely identifies a rule set.
SOURCE_TYPE	NULL	VARCHAR2(30)	Source Type of Movement Transaction this rule applies to. This is relevant for field property rule types and has no significance for alternate unit of measure.
ATTRIBUTE_CODE	NOT NULL	VARCHAR2(50)	Stores column name of the Movement Statistics field for which a field property rule is defined. Alternately stores alternate unit of measure code defined for a commodity code .
ATTRIBUTE_PROPERTY_CODE	NULL	VARCHAR2(30)	Property of field determining whether it is a required and/or updateable. This is only relevant to a Attribute Property rule and is null for Alternate Uom rule. Attribute_Property_Code can have four values namely Required Updateable, Required Non updateable, Not Required Updateable, Not Required Non Updateable.
ATTRIBUTE_LOOKUP_TYPE	NULL	VARCHAR2(30)	Lookup Type associated to a field for a valid list of values. Null for alternate uom rule.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COMMODITY_CODE	NULL	VARCHAR2(240)	Commodity code of an alternate unit of measure rule. Valid values of a commodity code are determined by a category set as defined in the rule set.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MVT_STATS_RULES_UK	UNIQUE	10	RULE_NUMBER
		20	RULE_SET_CODE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MVT_STATS_RULE_SETS_B

This table stores validation rule sets defined for parameters of the Movement Statistics records. You need one row to define a rule set in the table. Each row is identified by a Rule_Set_Code. Rule_Set_Type determines the type of rule set. Valid values are, 'Attribute Property' for rule sets associated to fields of movement statistics record. 'Alternate Uom' for rules sets associated with alternate unit of measures defined for a commodity code. Seeded_Flag determines if the rule is seeded or is user defined, valid values are 'Y' for preseeded rules and 'N' for user defined rules.

Column Descriptions

Name	Null?	Type	Description
RULE_SET_CODE	NOT NULL	VARCHAR2(30)	Unique Identifier of a Rule Set.
RULE_SET_TYPE	NOT NULL	VARCHAR2(30)	Type of Rule Set.Rule Set could be of two types, 'Atttribute Property' that defines valid values associated to a field in movement statistics record. Or 'Alternate Uom' which gives an alternate unit of measure for a commodity code.
SEEDED_FLAG	NOT NULL	VARCHAR2(1)	Flag to state whether Rule Set is system seeded or user defined. Valid values are 'Y' for preseeded rule sets and 'N' for user defined.
CATEGORY_SET_ID	NULL	NUMBER	Category Set ID is used for alternate uom rule type to determine valid commodity codes falling under a category set. Each row in MTL_STAT_TYPE_USAGES stores a validation rule set. For alternate unit of measure validation, Category Set ID qualifies the commodity codes that could be associated to a rule in the rules table.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MVT_STATS_RULE_SETS_UK	UNIQUE	10	RULE_SET_CODE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_MVT_STATS_RULE_SETS_TL

MTL_MVT_STATS_RULE_SET_TL is the corresponding transalation table for MTL_MVT_STATS_RULE_SET_B. This table contains one entry for every Rule Set Code and Language. Rule Set Code and Language uniquely identify a row. Rule Set Display Name identifies the Name of a rule set.Rule Set Description gives a description of the rule set. This is the base table of a multilingual entity, MTL_MVT_STATS_RULE_SET_TL contains the language dependent columns.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MVT_STATS_RULE_SETS_B	RULE_SET_CODE	RULE_SET_CODE

Column Descriptions

Name	Null?	Type	Description
RULE_SET_CODE (PK)	NOT NULL	VARCHAR2(30)	Unique identifier of a rule set
RULE_SET_DISPLAY_NAME	NOT NULL	VARCHAR2(80)	Translated name of the rule set.
RULE_SET_DESCRIPTION	NOT NULL	VARCHAR2(240)	Translated description of rule set.
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Source Language for translation purposes
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language in which the Rule Set is defined.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MVT_STATS_RULE_SETS_TL_UK	UNIQUE	1	RULE_SET_CODE
		3	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_OBJECT_EVENTS

MTL_OBJECT_EVENTS stores the information about the major events that have occurred relevant to an object. The events correspond to a transaction.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_EXT_OBJECTS	OBJECT_ID	OBJECT_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SERIAL_NUMBERS	GEN_OBJECT_ID	OBJECT_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
GENEALOGY_EVENT_TYPE	INV_GENEALOGY_EVENT_TYPE	MFG_LOOKUPS
	1	Built
	2	Shipped
	3	Maintained
	4	Received

Column Descriptions

Name	Null?	Type	Description
OBJECT_ID (PK)	NOT NULL	NUMBER	Genealogy object identifier
GENEALOGY_EVENT_TYPE (PK)	NOT NULL	NUMBER	Genealogy event type
GENEALOGY_EVENT_DATE	NOT NULL	DATE	Genealogy event date
TRANSACTION_ID	NULL	NUMBER	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
LAST_PRINT_DATE	NULL	DATE	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_OBJECT_GENEALOGY

MTL_OBJECT_GENEALOGY stores the genealogy information for an object and its parents. The object can be enabled for serial number control, lot number control, or can be an external component of an inventory item. The parent/child relationship is established at WIP issue.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_EXT_OBJECTS	OBJECT_ID	OBJECT_ID
MTL_EXT_OBJECTS	OBJECT_ID	PARENT_OBJECT_ID
MTL_LOT_NUMBERS	GEN_OBJECT_ID	OBJECT_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	ORIGIN_TXN_ID
MTL_SERIAL_NUMBERS	GEN_OBJECT_ID	OBJECT_ID
MTL_SERIAL_NUMBERS	GEN_OBJECT_ID	PARENT_OBJECT_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
GENEALOGY_ORIGIN	INV_GENEALOGY_ORIGIN	MFG_LOOKUPS
	1	WIP
	2	Transaction
GENEALOGY_TYPE	INV_GENEALOGY_TYPE	MFG_LOOKUPS
	1	Component Assembly
	2	Lot Split
	3	Lot Merge
	4	Sublot
OBJECT_TYPE	INV_GENEALOGY_OBJECT_TYPE	MFG_LOOKUPS
	1	Lot
	2	Serial
	3	External
PARENT_OBJECT_TYPE	INV_GENEALOGY_OBJECT_TYPE	MFG_LOOKUPS
	1	Lot
	2	Serial
	3	External

Column Descriptions

Name	Null?	Type	Description
OBJECT_ID (PK)	NOT NULL	NUMBER	Genealogy object identifier
OBJECT_TYPE	NOT NULL	NUMBER	Genealogy object type
PARENT_OBJECT_TYPE	NOT NULL	NUMBER	Genealogy object type of parent
PARENT_OBJECT_ID (PK)	NOT NULL	NUMBER	Parent object 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
START_DATE_ACTIVE (PK)	NOT NULL	DATE	Date object genealogy becomes active
END_DATE_ACTIVE	NULL	DATE	Date object genealogy becomes inactive
GENEALOGY_ORIGIN	NULL	NUMBER	Origin to establish the genealogy

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGIN_TXN_ID	NOT NULL	NUMBER	Origin Transaction identifier
GENEALOGY_TYPE	NULL	NUMBER	Genealogy type
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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_OBJECT_GENEALOGY_N1	NOT UNIQUE	1	OBJECT_ID
MTL_OBJECT_GENEALOGY_N2	NOT UNIQUE	1	PARENT_OBJECT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_ONHAND_QUANTITIES

MTL_ONHAND_QUANTITIES stores quantity on hand information by control level and location.

MTL_ONHAND_QUANTITIES is maintained as a stack of receipt records, which are consumed by issue transactions in FIFO order. The quantity on hand of an item at any particular control level and location can be found by summing TRANSACTION_QUANTITY for all records that match the criteria. Note that any transactions which are committed to the table MTL_MATERIAL_TRANSACTIONS_TEMP are considered to be played out as far as quantity on hand is concerned in Inventory transaction forms. All our Inquiry forms and ABC compile are only based on MTL_ONHAND_QUANTITIES.

MTL_ONHAND_QUANTITIES has two columns, CREATE_TRANSACTION_ID and UPDATE_TRANSACTION_IDs to join to MTL_MATERIAL_TRANSACTIONS.TRANSACTION_ID the transactions that created the row and the transaction that last updated a row.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID	REVISION ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_LOT_NUMBERS	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	CREATE_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	UPDATE_TRANSACTION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
DATE_RECEIVED (PK)	NULL	DATE	Date received
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
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory code
REVISION	NULL	VARCHAR2(3)	Item revision code
LOCATOR_ID	NULL	NUMBER	Locator identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATE_TRANSACTION_ID	NULL	NUMBER	Transaction identifier of the transaction that created this row
UPDATE_TRANSACTION_ID	NULL	NUMBER	Transaction identifier of the transaction that last updated this row
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
ORIG_DATE_RECEIVED	NULL	DATE	
COST_GROUP_ID	NULL	NUMBER	Cost Group ID – Used by WMS only
CONTAINERIZED_FLAG	NULL	NUMBER	Containerized Flag
PROJECT_ID	NULL	NUMBER	Project Id (For future use)
TASK_ID	NULL	NUMBER	Task Id (For future use)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ONHAND_QUANTITIES_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	SUBINVENTORY_CODE
MTL_ONHAND_QUANTITIES_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
		3	LOCATOR_ID
MTL_ONHAND_QUANTITIES_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	COST_GROUP_ID

Sequences

Sequence	Derived Column
MTL_MATERIAL_TRANSACTIONS_S	CREATE_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_S	UPDATE_TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_ONHAND_QUANTITY_TEMP

MTL_ONHAND_QUANTITY_TEMP is used in the form, Multi–Organization Item Quantities. This form requests Multi–Org Item Quantities report. MTL_ONHAND_QUANTITY_TEMP temporarily stores the item on hand quantity information for the specified organizations. Upon report completion, the stored information is deleted. SEQ_NUM, based on the sequence, MTL_ONHAND_QUANTITY_TEMP_S, is used to distinguish a set of records from others. The C_COLUMNs, D_COLUMNs and N_COLUMNs are generic column names to store character, date and number information respectively.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION	REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
ORG_ORGANIZATION_DEFINITION_R9	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
SEQ_NUM	NULL	NUMBER	Group sequence id created by onhand query routine
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
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
SUBINVENTORY	NULL	VARCHAR2(10)	Secondary inventory identifier
LOCATOR_ID	NULL	NUMBER	Stock locator id
QUANTITY	NULL	NUMBER	Quantity for item
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for item
C_COLUMN1	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN2	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN3	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN4	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN5	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN6	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN7	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN8	NULL	VARCHAR2(240)	Generic character query column
N_COLUMN1	NULL	NUMBER	Generic numeric query column
N_COLUMN2	NULL	NUMBER	Generic numeric query column
N_COLUMN3	NULL	NUMBER	Generic numeric query column
N_COLUMN4	NULL	NUMBER	Generic numeric query column
N_COLUMN5	NULL	NUMBER	Generic numeric query column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
D_COLUMN1	NULL	DATE	Generic date query column
D_COLUMN2	NULL	DATE	Generic date query column
D_COLUMN3	NULL	DATE	Generic date query column
D_COLUMN4	NULL	DATE	Generic date query column
D_COLUMN5	NULL	DATE	Generic date query column

Sequences

Sequence	Derived Column
MTL_ONHAND_QUANTITY_TEMP_S	SEQ_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_ORG_REPORT_TEMP

MTL_ORG_REPORT_TEMP is used in the Multiple Organization Inventory Report to temporarily store the organizations along with their orders, defined in the report launch form, that should appear in the report. Records are inserted when committed in the report launch form and deleted upon report completion.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
REPORT_ID (PK)	NOT NULL	NUMBER	Identifier for report
ORG_REPORT_ORDER (PK)	NOT NULL	NUMBER	Multiorg report organization order
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PAC_ACTUAL_COST_DETAILS

MTL_PAC_ACTUAL_COST_DETAILS stores the elemental cost for a given transaction in a period. The actual cost is the sum of transaction cost (for example, acquisition cost) and material overhead. Using the actual cost and prior cost, the new cost for that item is calculated.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_PAC_ITEM_COSTS	COST_LAYER_ID	COST_LAYER_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Period identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost type identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level type
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
COST_LAYER_ID	NOT NULL	NUMBER	Cost layer identifier
PRIOR_COST	NULL	NUMBER	Prior average cost
ACTUAL_COST	NULL	NUMBER	Actual cost of the transaction
NEW_COST	NULL	NUMBER	New average cost
PRIOR_BUY_COST	NULL	NUMBER	Prior buy cost
PRIOR_MAKE_COST	NULL	NUMBER	Prior make cost
NEW_BUY_COST	NULL	NUMBER	New buy cost
NEW_MAKE_COST	NULL	NUMBER	New make cost
USER_ENTERED	NOT NULL	VARCHAR2(1)	Specifies whether this row is entered by the user or cost processor
INSERTION_FLAG	NOT NULL	VARCHAR2(1)	Used to determine which cost detail rows to insert in CST_LAYER_COST_DETAILS
TRANSACTION_COSTED_DATE	NULL	DATE	Transaction date
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
REQUEST_ID	NULL	NUMBER	Extended who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended who column
PROGRAM_ID	NULL	NUMBER	Extended who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column
VARIANCE_AMOUNT	NULL	NUMBER	Variance amount

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PAC_ACTUAL_COST_DETAILS_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
MTL_PAC_ACTUAL_COST_DETAILS_U1	UNIQUE	1	TRANSACTION_ID
		2	PAC_PERIOD_ID
		4	COST_GROUP_ID
		6	COST_ELEMENT_ID
		8	LEVEL_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PAC_ACTUAL_COST_DETAIL_EFC

MTL_PAC_ACTUAL_COST_DETAIL_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_PAC_ACTUAL_COST_DETAILS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
NEW_BUY_COST	NULL	NUMBER	New Buy Cost
PRIOR_MAKE_COST	NULL	NUMBER	Prior Make Cost
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
ACTUAL_COST	NULL	NUMBER	Actual Cost
NEW_COST	NULL	NUMBER	New Cost
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Actual Costing Period Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
PRIOR_BUY_COST	NULL	NUMBER	Prior Buy Cost
PRIOR_COST	NULL	NUMBER	Prior Cost
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
VARIANCE_AMOUNT	NULL	NUMBER	Variance Amount
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
NEW_MAKE_COST	NULL	NUMBER	New Make Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PAC_COST_SUBELEMENTS

MTL_PAC_COST_SUBELEMENTS stores the material overhead sub–elements that are charged for a given transaction in a particular period. This is a child table of MTL_PAC_ACTUAL_COST_DETAILS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Period identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost type identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level type
ACTUAL_COST	NULL	NUMBER	Actual cost of the transaction
USER_ENTERED	NOT NULL	VARCHAR2(1)	Specifies whether this row is entered by the user or cost processor
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
REQUEST_ID	NULL	NUMBER	Extended who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended who column
PROGRAM_ID	NULL	NUMBER	Extended who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PAC_COST_SUBELEMENTS_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
MTL_PAC_COST_SUBELEMENTS_U1	UNIQUE	1	TRANSACTION_ID
		2	PAC_PERIOD_ID
		4	COST_GROUP_ID
		6	COST_ELEMENT_ID
		8	LEVEL_TYPE
		10	RESOURCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PAC_COST_SUBELEMENTS_EFC

MTL_PAC_COST_SUBELEMENTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_PAC_COST_SUBELEMENTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
ACTUAL_COST	NULL	NUMBER	Actual Cost
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Actual Costing Period Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
RESOURCE_ID	NOT NULL	NUMBER	Resource Identifier
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PAC_TXN_COST_DETAILS

MTL_PAC_TXN_COST_DETAILS stores the cost of a transaction by element and level for the period.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
CST_COST_TYPES	COST_TYPE_ID	COST_TYPE_ID
CST_PAC_PERIODS	PAC_PERIOD_ID	PAC_PERIOD_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
COST_GROUP_ID (PK)	NOT NULL	NUMBER	Cost group identifier
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction identifier
PAC_PERIOD_ID (PK)	NOT NULL	NUMBER	Period identifier
COST_TYPE_ID (PK)	NOT NULL	NUMBER	Cost type identifier
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level type – this or previous
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Item identifier
TRANSACTION_COST	NULL	NUMBER	Cost of transaction
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
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
NEW_PERIODIC_COST	NULL	NUMBER	New periodic cost, used only for periodic costing
PERCENTAGE_CHANGE	NULL	NUMBER	Percentage change in periodic cost
VALUE_CHANGE	NULL	NUMBER	Change in value of periodic item cost

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PAC_TXN_COST_DETAILS_N1	NOT UNIQUE	1	PAC_PERIOD_ID
		2	COST_GROUP_ID
MTL_PAC_TXN_COST_DETAILS_U1	UNIQUE	1	TRANSACTION_ID
		2	PAC_PERIOD_ID
		4	COST_GROUP_ID
		6	COST_ELEMENT_ID
		8	LEVEL_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PAC_TXN_COST_DETAILS_EFC

MTL_PAC_TXN_COST_DETAILS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_PAC_TXN_COST_DETAILS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
NEW_PERIODIC_COST	NULL	NUMBER	New Periodic Cost
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Id
LEVEL_TYPE	NOT NULL	NUMBER	Level Type
COST_GROUP_ID	NOT NULL	NUMBER	Cost Group Identifier
VALUE_CHANGE	NULL	NUMBER	Value Change
PAC_PERIOD_ID	NOT NULL	NUMBER	Periodic Actual Costing Period Identifier
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
TRANSACTION_COST	NULL	NUMBER	Transaction Cost
COST_TYPE_ID	NOT NULL	NUMBER	Cost Type Identifier
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost Element Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PARAMETERS

MTL_PARAMETERS maintains a set of default options like general ledger accounts; locator, lot, and serial controls; inter–organization options; costing method; etc. for each organization defined in Oracle Inventory.

Each organization's item master organization (MASTER_ORGANIZATION_ID) and costing organization (COST_ORGANIZATION_ID) are maintained here.

You specify which manufacturing calendar the organization will use (CALENDAR_CODE), as well as the set of exceptions to this calendar (CALENDAR_EXCEPTION_SET_ID).

NEGATIVE_INV_RECEIPT_CODE indicates whether this organization will allow negative balances in inventory. It is used in the transaction system to ensure, for example, that you do not over–issue a particular item (if you have indicated that negative balances are not allowed).

For lot number and serial number auto–generation, you can specify whether you want the numbers generated from defaults defined at theorganization level or the item level (LOT_NUMBER_GENERATION,SERIAL_NUMBER_GENERATION). You can also specify uniqueness constraints for lot numbers (LOT_NUMBER_UNIQUENESS) and serial numbers (SERIAL_NUMBER_TYPE).

Among the accounting defaults that can be defined here are valuation accounts, receiving accounts, profit and loss accounts, and inter–organization transfer accounts.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_CALENDARS	CALENDAR_CODE	CALENDAR_CODE
BOM_EXCEPTION_SETS	EXCEPTION_SET_ID	CALENDAR_EXCEPTION_SET_ID
BOM_RESOURCES	RESOURCE_ID	DEFAULT_MATERIAL_COST_ID
CST_COST_GROUPS	COST_GROUP_ID	DEFAULT_COST_GROUP_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	AP_ACCRUAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	COST_OF_SALES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_RECEIVABLES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_PAYABLES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTRANSIT_INV_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATL_OVHD_ABSORPTION_ACCT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PURCHASE_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INTERORG_TRANSFER_CR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INVOICE_PRICE_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	AVERAGE_COST_VAR_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SALES_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_ACCOUNT
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_ATP_RULES	RULE_ID	DEFAULT_ATP_RULE_ID
MTL_PARAMETERS	ORGANIZATION_ID	MASTER_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	COST_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_PICKING_RULES	PICKING_RULE_ID	DEFAULT_PICKING_RULE_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY SOURCE_ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	ORG_MAX_WEIGHT_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	ORG_MAX_VOLUME_UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFAULT_DEMAND_CLASS	DEMAND_CLASS	FND_COMMON_LOOKUPS
	DEMAND_CL1	Demand class 1
	DEMAND_CL2	Demand class 2
	DEMAND_CL3	Demand class 3
ENCUMBRANCE_REVERSAL_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
GENERAL_LEDGER_UPDATE_CODE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOT_NUMBER_GENERATION	MTL_LOT_GENERATION	MFG_LOOKUPS
	1	At organization level
	2	At item level
	3	User defined
LOT_NUMBER_UNIQUENESS	MTL_LOT_UNIQUENESS	MFG_LOOKUPS
	1	Unique for item
	2	No uniqueness control
LOT_NUMBER_ZERO_PADDING	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MAINTAIN_FIFO_QTY_STACK_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MATL_INTERORG_TRANSFER_CODE	MTL_INTER_INV_TRANSFER	MFG_LOOKUPS
	1	No transfer charges
	2	Requested added value
	3	Requested percent of transaction value
	4	Predefined percent of transaction value

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
NEGATIVE_INV_RECEIPT_CODE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PRIMARY_COST_METHOD	MTL_PRIMARY_COST	MFG_LOOKUPS
	1	Standard
	2	Average
SERIAL_NUMBER_GENERATION	MTL_SERIAL_GENERATION	MFG_LOOKUPS
	1	At organization level
	2	At item level
SERIAL_NUMBER_TYPE	MTL_SERIAL_NUMBER_TYPE	MFG_LOOKUPS
	1	Unique within inventory items
	2	Unique within organization
	3	Unique across organizations
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier
STOCK_LOCATOR_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

Column Descriptions

Name	Null?	Type	Description
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
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
MASTER_ORGANIZATION_ID	NOT NULL	NUMBER	Item master organization identifier
PRIMARY_COST_METHOD	NOT NULL	NUMBER	Primary costing method
COST_ORGANIZATION_ID	NOT NULL	NUMBER	Cost organization identifier
DEFAULT_MATERIAL_COST_ID	NULL	NUMBER	Default material sub–element
CALENDAR_EXCEPTION_SET_ID	NULL	NUMBER	Calendar exception set
CALENDAR_CODE	NULL	VARCHAR2(10)	Manufacturing calendar
GENERAL_LEDGER_UPDATE_CODE	NOT NULL	NUMBER	General ledger update code
DEFAULT_ATP_RULE_ID	NULL	NUMBER	Default available to promise rule
DEFAULT_PICKING_RULE_ID	NULL	NUMBER	Default picking rule code
DEFAULT_LOCATOR_ORDER_VALUE	NULL	NUMBER	Default picking order of locators
DEFAULT_SUBINV_ORDER_VALUE	NULL	NUMBER	Default picking order for subinventories
NEGATIVE_INV_RECEIPT_CODE	NOT NULL	NUMBER	Indicates whether negative balances are allowed
STOCK_LOCATOR_CONTROL_CODE	NOT NULL	NUMBER	Stock locator control code

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
MATERIAL_ACCOUNT	NULL	NUMBER	Inventory material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory material overhead account
MATL_OVHD_ABSORPTION_ACCT	NULL	NUMBER	Material overhead absorption account
RESOURCE_ACCOUNT	NULL	NUMBER	Resource labor account
PURCHASE_PRICE_VAR_ACCOUNT	NULL	NUMBER	Purchase price variance account
AP_ACCRUAL_ACCOUNT	NULL	NUMBER	Accounts payable accrual account
OVERHEAD_ACCOUNT	NULL	NUMBER	Inventory overhead account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Outside processing account
INTRANSIT_INV_ACCOUNT	NULL	NUMBER	Inter–organization transfer debit account
INTERORG_RECEIVABLES_ACCOUNT	NULL	NUMBER	Inter–organization receivables account
INTERORG_PRICE_VAR_ACCOUNT	NULL	NUMBER	Inter–organization price variance account
INTERORG_PAYABLES_ACCOUNT	NULL	NUMBER	Inter–organization payables account
COST_OF_SALES_ACCOUNT	NULL	NUMBER	Cost of sales account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
PROJECT_COST_ACCOUNT	NULL	NUMBER	Project Cost Account
INTERORG_TRANSFER_CR_ACCOUNT	NULL	NUMBER	Inter–organization transfer credit account
MATL_INTERORG_TRANSFER_CODE	NOT NULL	NUMBER	Material inter–organization transfer charge type
INTERORG_TRNSFR_CHARGE_PERCENT	NULL	NUMBER	Inter–organization transfer charge percent
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Organization to source items from
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory to source items from
SOURCE_TYPE	NULL	NUMBER	Inventory or supplier source type
ORG_MAX_WEIGHT	NULL	NUMBER	
ORG_MAX_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	
ORG_MAX_VOLUME	NULL	NUMBER	
ORG_MAX_VOLUME_UOM_CODE	NULL	VARCHAR2(3)	
SERIAL_NUMBER_TYPE	NULL	NUMBER	Serial number uniqueness control
AUTO_SERIAL_ALPHA_PREFIX	NULL	VARCHAR2(30)	Organization–level serial number prefix
START_AUTO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Organization–level starting serial number
AUTO_LOT_ALPHA_PREFIX	NULL	VARCHAR2(30)	Organization–level prefix for lot numbers
LOT_NUMBER_UNIQUENESS	NOT NULL	NUMBER	Lot number uniqueness control
LOT_NUMBER_GENERATION	NOT NULL	NUMBER	Lot number generation control
LOT_NUMBER_ZERO_PADDING	NULL	NUMBER	Lot number padding control
LOT_NUMBER_LENGTH	NULL	NUMBER	Total lot number length
STARTING_REVISION	NOT NULL	VARCHAR2(3)	Default starting item revision
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
DEFAULT_DEMAND_CLASS	NULL	VARCHAR2(30)	Default demand class
ENCUMBRANCE_REVERSAL_FLAG	NULL	NUMBER	Reverse encumbrance flag
MAINTAIN_FIFO_QTY_STACK_TYPE	NULL	NUMBER	Maintain FIFO quantity stack
INVOICE_PRICE_VAR_ACCOUNT	NULL	NUMBER	Invoice price variance account
AVERAGE_COST_VAR_ACCOUNT	NULL	NUMBER	Average cost variance account
SALES_ACCOUNT	NULL	NUMBER	Sales account
EXPENSE_ACCOUNT	NULL	NUMBER	Expense account
SERIAL_NUMBER_GENERATION	NOT NULL	NUMBER	Serial number generation control
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
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	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
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Global descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Global descriptive flexfield segment
MAT_OVHD_COST_TYPE_ID	NULL	NUMBER	Cost type that holds material overhead costs for an average costing organization
PROJECT_REFERENCE_ENABLED	NULL	NUMBER	Project Reference enabled flag that indicates whether project references are allowed in the organization or not
PM_COST_COLLECTION_ENABLED	NULL	NUMBER	Project Manufacturing Cost Collection Enabled flag that indicates whether costs will be collected for project references within the organization or not
PROJECT_CONTROL_LEVEL	NULL	NUMBER	Project Control Level that specifies whether project references are being tracked at the project or task level
AVG_RATES_COST_TYPE_ID	NULL	NUMBER	Average Rate Cost Type Identifier is used under average costing for resources and overhead rates
TXN_APPROVAL_TIMEOUT_PERIOD	NULL	NUMBER	Transfer Order Timeout Perod
MO_SOURCE_REQUIRED	NULL	NUMBER	Flag indicating that a source location is required before a move order can be approved
MO_PICK_CONFIRM_REQUIRED	NULL	NUMBER	Flag indicating whether pick confirmation is required
MO_APPROVAL_TIMEOUT_ACTION	NULL	NUMBER	Action to perform when move order approval timeout period has expired
BORRPAY_MATL_VAR_ACCOUNT	NULL	NUMBER	Material valuation account
BORRPAY_MOH_VAR_ACCOUNT	NULL	NUMBER	Material overhead valuation account
BORRPAY_RES_VAR_ACCOUNT	NULL	NUMBER	Resource valuation account
BORRPAY_OSP_VAR_ACCOUNT	NULL	NUMBER	Outside processing valuation account
BORRPAY_OVH_VAR_ACCOUNT	NULL	NUMBER	Overhead valuation account
PROCESS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Process Enabled inventory Organization
PROCESS_ORGN_CODE	NULL	VARCHAR2(4)	OPM Warehouse Organization Code Mapped to the Process Inventory Organization
WSM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	WIP Shopfloor Management Organization
DEFAULT_COST_GROUP_ID	NOT NULL	NUMBER	Default Cost Group ID – used by WMS only
LPN_PREFIX	NULL	VARCHAR2(10)	LPN Prefix – used by WMS only
LPN_SUFFIX	NULL	VARCHAR2(10)	LPN Suffix – used by WMS only
LPN_STARTING_NUMBER	NULL	NUMBER	LPN Starting Number – used by WMS only
WMS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	WMS (Warehouse Management System) Organization
PREGEN_PUTAWAY_TASKS_FLAG	NULL	NUMBER	used by WMS only
REGENERATION_INTERVAL	NULL	NUMBER	used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TIMEZONE_ID	NULL	NUMBER	
DEFAULT_WMS_PICKING_RULE_ID	NULL	NUMBER	Default picking rule for this organization – used by WMS only
DEFAULT_PUT_AWAY_RULE_ID	NULL	NUMBER	Default put away rule – used by WMS only
DEFAULT_TASK_ASSIGN_RULE_ID	NULL	NUMBER	Default task assignment rule – used by WMS only
DEFAULT_LABEL_COMP_RULE_ID	NULL	NUMBER	Default label printing rule – used by WMS only
DEFAULT_CARTON_RULE_ID	NULL	NUMBER	Default cartonization rule for this organization – used by WMS only
DEFAULT_CYC_COUNT_HEADER_ID	NULL	NUMBER	Default cycle count header for this organization – used by WMS only
CROSSDOCK_FLAG	NULL	NUMBER	Flag indicates whether crossdocking occurs by default for this organization – used by WMS only
CARTONIZATION_FLAG	NULL	NUMBER	Flad indicates whether cartonization occurs by default in this organization – used for WMS only
COST_CUTOFF_DATE	NULL	DATE	Cost Cutoff Date

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PARAMETERS_N1	NOT UNIQUE	1	MASTER_ORGANIZATION_ID
MTL_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

Database Triggers

Trigger Name : AX_MTL_PARAMETERS_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 ensures that an ?INTRANS? subinventory exists for every inventory organizations. If it does not exist, the subinventory will be created in the table, MTL_SECONDARY_INVENTORY.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PENDING_ITEM_STATUS

MTL_PENDING_ITEM_STATUS is used to define and store the history of the item statuses that have been or will be assigned to an item.

This table maintains the status history for each item. A row is inserted each time the item status attribute is changed.

This table also stores pending status information. Rows are created for each planned status change that will become effective on a future date.

PENDING_FLAG identifies those status changes that are not yet in effect.

A periodic concurrent program picks up pending status changes on their effective date and updates the specified item and its status controlled attributes accordingly. The row then becomes a history row.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_STATUS	INVENTORY_ITEM_STATUS_CODE	STATUS_CODE
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
STATUS_CODE (PK)	NOT NULL	VARCHAR2(10)	Item status code
EFFECTIVE_DATE (PK)	NOT NULL	DATE	Status effectivity date
IMPLEMENTED_DATE	NULL	DATE	Status implementation date
PENDING_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether status is still pending
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PENDING_ITEM_STATUS_N1	NOT UNIQUE	1	PENDING_FLAG
		2	EFFECTIVE_DATE
MTL_PENDING_ITEM_STATUS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	STATUS_CODE
		3	ORGANIZATION_ID
		4	EFFECTIVE_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PERIOD_CG_SUMMARY

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	
INVENTORY_TYPE (PK)	NOT NULL	NUMBER	
COST_GROUP_ID	NULL	NUMBER	
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	
INVENTORY_VALUE	NOT NULL	NUMBER	
REQUEST_ID	NULL	NUMBER	
PROGRAM_APPLICATION_ID	NULL	NUMBER	
PROGRAM_ID	NULL	NUMBER	
PROGRAM_UPDATE_DATE	NULL	DATE	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PERIOD_CG_SUMMARY_U1	NOT UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
		3	INVENTORY_TYPE
		4	COST_GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PERIOD_SUMMARY

MTL_PERIOD_SUMMARY records the inventory value for each subinventory in an organization at the end of a period. The table is populated when period close is performed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SECONDARY_INVENTORY ORGANIZATION_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INVENTORY_TYPE	MTL_INVENTORY	MFG_LOOKUPS
	1	Inventory items
	7	Engineering items

Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	Accounting period id
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
INVENTORY_TYPE	NOT NULL	NUMBER	Inventory item type
SECONDARY_INVENTORY (PK)	NULL	VARCHAR2(10)	Secondary inventory 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
INVENTORY_VALUE	NOT NULL	NUMBER	Inventory value at the end of the period
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
COST_GROUP_ID	NULL	NUMBER	Cost group identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PERIOD_SUMMARY_U1	UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
		3	INVENTORY_TYPE
		4	SECONDARY_INVENTORY
		6	COST_GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PERIOD_SUMMARY_EFC

MTL_PERIOD_SUMMARY_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_PERIOD_SUMMARY prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting Period Identifier
INVENTORY_VALUE	NOT NULL	NUMBER	
SECONDARY_INVENTORY	NULL	VARCHAR2(10)	
SET_OF_BOOKS_ID	NULL	NUMBER	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PER_CLOSE_DTLS

MTL_PER_CLOSE_DTLS stores period end quantities, costs, and values by subinventory, item, and cost group for an organization under Average Costing for Work in Process. The table also stores the period end value in intransit inventory for the organization. This table is populated by the period close program. This table is a child table of MTL_PERIOD_SUMMARY. The table records the inventory value for each inventory item by cost group in the organization at the end of a period.

The COST_GROUP_ID for the intransit inventory will be 1 and SECONDARY_INVENTORY will be NULL.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier.
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	Accounting period identifier for the closed period.
COST_GROUP_ID (PK)	NULL	NUMBER	Cost group identifier.
SECONDARY_INVENTORY (PK)	NULL	VARCHAR2(10)	Subinventory code.
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Item identifier.
PERIOD_END_QUANTITY	NULL	NUMBER	Item quantity at period close.
PERIOD_END_UNIT_COST	NULL	NUMBER	Item cost at period close.
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.
PROGRAM_ID	NOT NULL	NUMBER	Concurrent who column.
PROGRAM_APPLICATION_ID	NOT NULL	NUMBER	Concurrent who column.
LOGIN_ID	NOT NULL	NUMBER	Standard who column.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PER_CLOSE_DTLS_U1	UNIQUE	2	ORGANIZATION_ID
		4	ACCT_PERIOD_ID
		6	COST_GROUP_ID
		8	INVENTORY_ITEM_ID
		10	SECONDARY_INVENTORY

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PER_CLOSE_DTLS_EFC

MTL_PER_CLOSE_DTLS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_PER_CLOSE_DTLS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
PERIOD_END_UNIT_COST	NULL	NUMBER	Period End Unit Cost
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting Period Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PHYSICAL_ADJUSTMENTS

MTL_PHYSICAL_ADJUSTMENTS contains all the information about the adjustment transactions, including the size of the necessary adjustment, the accounts to which the adjustment transaction was posted, and the approval–status of each transaction. An adjustment of zero will still be stored in this table, although it will not cause an adjustment transaction to be posted. This table will always be correct and consistent with any tags that have been entered in MTL_PHYSICAL_INVENTORY_TAGS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ADJUST_ACCOUNT
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_PHYSICAL_INVENTORIES	PHYSICAL_INVENTORY_ID ORGANIZATION_ID	PHYSICAL_INVENTORY_ID ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_NAME ORGANIZATION_ID
MTL_SERIAL_NUMBERS	CURRENT_ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID SERIAL_NUMBER
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	OUTERMOST_LPN_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	PARENT_LPN_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPROVAL_STATUS	MTL_APPROVALS	MFG_LOOKUPS
	1	Approve
	2	Reject
	3	Posted

Column Descriptions

Name	Null?	Type	Description
ADJUSTMENT_ID (PK)	NOT NULL	NUMBER	Physical inventory adjustment identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
PHYSICAL_INVENTORY_ID	NOT NULL	NUMBER	Identifier of physical inventory owning the adjustment
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SUBINVENTORY_NAME	NOT NULL	VARCHAR2(10)	Subinventory of adjustment
SYSTEM_QUANTITY	NOT NULL	NUMBER	Frozen quantity of this SKU
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
COUNT_QUANTITY	NULL	NUMBER	Quantity of this SKU counted during the physical inventory
ADJUSTMENT_QUANTITY	NOT NULL	NUMBER	Quantity adjustment required to correct frozen quantity to counted quantity
REVISION	NULL	VARCHAR2(3)	Revision of item being adjusted
LOCATOR_ID	NULL	NUMBER	Identifier of locator of this SKU
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number of the item being adjusted
LOT_EXPIRATION_DATE	NULL	DATE	Expiration date of the lot number of this adjustment
SERIAL_NUMBER	NULL	VARCHAR2(30)	Serial number of the item being adjusted
ACTUAL_COST	NULL	NUMBER	Cost per unit of this item
APPROVAL_STATUS	NULL	NUMBER(22)	Whether this adjustment has been approved for transaction or not
APPROVED_BY_EMPLOYEE_ID	NULL	NUMBER(9)	Identifier of employee who approved or rejected this adjustment
AUTOMATIC_APPROVAL_CODE	NULL	NUMBER	If this adjustment was approved automatically (not used)
GL_ADJUST_ACCOUNT	NULL	NUMBER	Identifier of account to which this adjustment was posted
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
LOT_SERIAL_CONTROLS	NULL	VARCHAR2(1)	Dummy column required by AOL for protected decsriptive flexfield
TEMP_APPROVER	NULL	NUMBER(1)	Dummy column required by AOL
PARENT_LPN_ID	NULL	NUMBER	Parent LPN Identifier of the item
OUTERMOST_LPN_ID	NULL	NUMBER	Outermost LPN Identifier of the item
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier – Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_ADJUSTMENTS_N1	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
		2	APPROVAL_STATUS
MTL_PHYSICAL_ADJUSTMENTS_N2	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
		2	INVENTORY_ITEM_ID
		3	SUBINVENTORY_NAME
MTL_PHYSICAL_ADJUSTMENTS_N3	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
		2	SUBINVENTORY_NAME
		3	INVENTORY_ITEM_ID
MTL_PHYSICAL_ADJUSTMENTS_U1	UNIQUE	1	ADJUSTMENT_ID
MTL_PHYSICAL_ADJUSTMENTS_U2	UNIQUE	1	ORGANIZATION_ID
		2	PHYSICAL_INVENTORY_ID
		3	ADJUSTMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
MTL_PHYSICAL_ADJUSTMENTS_S	ADJUSTMENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PHYSICAL_ADJUSTMENTS_EFC

MTL_PHYSICAL_ADJUSTMENTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_PHISICAL_ADJUSTMENTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ACTUAL_COST	NULL	NUMBER	Actual Cost
ADJUSTMENT_ID	NOT NULL	NUMBER	Adjustment Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PHYSICAL_INVENTORIES

MTL_PHYSICAL_INVENTORIES contains certain user–defined options for a physical inventory, including the approvals required, subinventory scope (all or a subset specified in MTL_PHYSICAL_SUBINVENTORIES), tolerances, and whether tags may be created in the Physical Inventory Counts window or whether they must be pre–generated.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DEFAULT_GL_ADJUST_ACCOUNT
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALL_SUBINVENTORIES_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
APPROVAL_REQUIRED	MTL_APPROVAL_REQ	MFG_LOOKUPS
	1	Required for all adjustments
	2	Not required for adjustments
	3	Required for adjustments out of tolerance
DYNAMIC_TAG_ENTRY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
PHYSICAL_INVENTORY_ID (PK)	NOT NULL	NUMBER	Physical inventory 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
PHYSICAL_INVENTORY_DATE	NOT NULL	DATE	Date of taking physical inventory
LAST_ADJUSTMENT_DATE	NULL	DATE	Date of last adjustment transaction posted
TOTAL_ADJUSTMENT_VALUE	NULL	NUMBER	Total value of all physical inventory adjustments
DESCRIPTION	NULL	VARCHAR2(50)	Description of physical inventory
FREEZE_DATE	NULL	DATE	Date inventory was frozen
PHYSICAL_INVENTORY_NAME	NOT NULL	VARCHAR2(30)	Name of this physical inventory
APPROVAL_REQUIRED	NOT NULL	NUMBER	Type of approval required on adjustment transactions
ALL_SUBINVENTORIES_FLAG	NOT NULL	NUMBER	Whether or not this physical inventory covers all subinventories with the organization

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
NEXT_TAG_NUMBER	NULL	VARCHAR2(40)	The next tag–number in sequence following the last tag that was generated for this physical inventory
TAG_NUMBER_INCREMENTS	NULL	VARCHAR2(40)	The tag–number digit–increments of the last tag–generation that was run for this physical inventory
DEFAULT_GL_ADJUST_ACCOUNT	NULL	NUMBER	Account to which adjustment transactions are posted
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
APPROVAL_TOLERANCE_POS	NULL	NUMBER	Percent tolerance, above which an adjustment transaction requires explicit approval
APPROVAL_TOLERANCE_NEG	NULL	NUMBER	Percent tolerance, below which an adjustment transaction requires explicit approval
COST_VARIANCE_POS	NULL	NUMBER	Currency tolerance, above which an adjustment transaction requires explicit approval
COST_VARIANCE_NEG	NULL	NUMBER	Currency tolerance, below which an adjustment transaction requires explicit approval
NUMBER_OF_SKUS	NULL	NUMBER	Number of stock–keeping units frozen
DYNAMIC_TAG_ENTRY_FLAG	NOT NULL	NUMBER	Whether or not dynamic tag creation is permitted in the Physical Inventory Counts window
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(150)	Descriptive flexfield structure defining column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_INVENTORIES_U1	UNIQUE	1	ORGANIZATION_ID
		2	PHYSICAL_INVENTORY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
MTL_PHYSICAL_INVENTORIES_S	PHYSICAL_INVENTORY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PHYSICAL_INVENTORIES_EFC

MTL_PHYSICAL_INVENTORIES_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_PHYSICAL_INVENTORIES prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
TOTAL_ADJUSTMENT_VALUE	NULL	NUMBER	Total Adjustment Value
PHYSICAL_INVENTORY_ID	NOT NULL	NUMBER	Physical Inventory Identifier
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PHYSICAL_INVENTORY_TAGS

MTL_PHYSICAL_INVENTORY_TAGS stores information regarding physical inventory tags, including tag number, SKU information, tag–quantity, and a pointer to the corresponding adjustment in MTL_PHYSICAL_ADJUSTMENTS. A change to this table may require a corresponding change to MTL_PHYSICAL_ADJUSTMENTS to ensure that the information therein remains consistent with its tags.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_GROUPS	COST_GROUP_ID	COST_GROUP_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_LOT_NUMBERS	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER
MTL_PHYSICAL_ADJUSTMENTS	ADJUSTMENT_ID	ADJUSTMENT_ID
MTL_PHYSICAL_INVENTORIES	PHYSICAL_INVENTORY_ID ORGANIZATION_ID	PHYSICAL_INVENTORY_ID ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID SERIAL_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID SERIAL_NUM
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TAG_UOM
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	STANDARD_UOM
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	PARENT_LPN_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	OUTERMOST_LPN_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
VOID_FLAG	MTL_VOID	MFG_LOOKUPS
	1	Void
	2	Active

Column Descriptions

Name	Null?	Type	Description
TAG_ID (PK)	NOT NULL	NUMBER	Tag identifier
PHYSICAL_INVENTORY_ID	NOT NULL	NUMBER	Physical inventory 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
VOID_FLAG	NOT NULL	NUMBER	Whether or not this tag has been voided
TAG_NUMBER	NOT NULL	VARCHAR2(40)	Tag number

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ADJUSTMENT_ID	NULL	NUMBER	Identifier of adjustment corresponding to this tag's SKU
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
TAG_QUANTITY	NULL	NUMBER	Tag quantity
TAG_UOM	NULL	VARCHAR2(3)	Unit of measure on tag
TAG_QUANTITY_AT_STANDARD_UOM	NULL	NUMBER	Tag quantity at standard UOM
STANDARD_UOM	NULL	VARCHAR2(3)	Standard unit of measure at tag entry time
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory of SKU counted on this tag
LOCATOR_ID	NULL	NUMBER	Identifier of locator of SKU counted on this tag
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for item
LOT_EXPIRATION_DATE	NULL	DATE	Lot expiration date
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
SERIAL_NUM	NULL	VARCHAR2(30)	Item serial number
COUNTED_BY_EMPLOYEE_ID	NULL	NUMBER(9)	Identifier of employee who made this count
LOT_SERIAL_CONTROLS	NULL	VARCHAR2(1)	Dummy column required by AOL for protected descriptive flexfield
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PARENT_LPN_ID	NULL	NUMBER	Parent LPN Identifier
OUTERMOST_LPN_ID	NULL	NUMBER	Outermost LPN Identifier
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier – Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_INVENTORY_TAGS_N4	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
MTL_PHYSICAL_INVENTORY_TAGS_N5	NOT UNIQUE	1	ADJUSTMENT_ID
		2	PHYSICAL_INVENTORY_ID
MTL_PHYSICAL_INVENTORY_TAGS_N6	NOT UNIQUE	1	PHYSICAL_INVENTORY_ID
		5	SUBINVENTORY
MTL_PHYSICAL_INVENTORY_TAGS_U1	UNIQUE	1	TAG_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_PHYSICAL_INVENTORY_TAGS_U2	UNIQUE	1	ORGANIZATION_ID
		2	PHYSICAL_INVENTORY_ID
		3	TAG_NUMBER

Sequences

Sequence	Derived Column
MTL_PHYSICAL_INVENTORY_TAGS_S	TAG_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PHYSICAL_SUBINVENTORIES

MTL_PHYSICAL_SUBINVENTORIES specifies which subinventories are involved in a physical inventory when the physical inventory does not include all subinventories. One row per subinventory per physical inventory.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PHYSICAL_INVENTORIES	ORGANIZATION_ID PHYSICAL_INVENTORY_ID	ORGANIZATION_ID PHYSICAL_INVENTORY_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
PHYSICAL_INVENTORY_ID (PK)	NOT NULL	NUMBER	Physical inventory identifier
SUBINVENTORY (PK)	NOT NULL	VARCHAR2(10)	Subinventory
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_PHYSICAL_SUBINVENTORIES_U1	UNIQUE	1	ORGANIZATION_ID
		2	PHYSICAL_INVENTORY_ID
		3	SUBINVENTORY

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PICKING_RULES

MTL_PICKING_RULES stores the pick criteria for each defined rule. The picking criteria consists of the selections of picking preferences regarding an item's revision, lot, subinventory and locator. A picking rule is chosen when performing picking.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LOCATOR_RULE	MTL_LOCATOR_RULE	MFG_LOOKUPS
	2	Locator picking order
	3	Earliest receipt date
	4	No locator order
LOT_RULE	MTL_LOT_RULE	MFG_LOOKUPS
	1	Expiration date
	2	Receipt date
	3	Lot number
	4	No lot order
REVISION_RULE	MTL_REVISION_RULE	MFG_LOOKUPS
	1	Effective date
	2	Revision
	3	No revision order
SERIAL_NUMBER_RULE	MTL_SERIAL_NUMBER_RULE	MFG_LOOKUPS
	1	Serial number
	2	Receipt date
	3	No serial number order
SUBINVENTORY_RULE	MTL_SUBINVENTORY_RULE	MFG_LOOKUPS
	2	Subinventory picking order
	3	Earliest receipt date
	4	No subinventory order

Column Descriptions

Name	Null?	Type	Description
PICKING_RULE_ID (PK)	NOT NULL	NUMBER	Picking rule identifier
PICKING_RULE_NAME	NOT NULL	VARCHAR2(30)	Name for picking rule
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
REVISION_RULE	NULL	NUMBER	Rule code for revision
LOT_RULE	NULL	NUMBER	Rule code for lot
SERIAL_NUMBER_RULE	NULL	NUMBER	Rule code for serial number
SUBINVENTORY_RULE	NULL	NUMBER	Rule code for subinventory
LOCATOR_RULE	NULL	NUMBER	Rule code for locator
DESCRIPTION	NULL	VARCHAR2(50)	Description of picking rule
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PICKING_RULES_U1	UNIQUE	1	PICKING_RULE_ID

Sequences

Sequence	Derived Column
MTL_PICKING_RULES_S	PICKING_RULE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PLANNERS

MTL_PLANNERS stores and maintains a list of planner codes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
PLANNER_CODE (PK)	NOT NULL	VARCHAR2(10)	Planner code
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)	Planner code description
DISABLE_DATE	NULL	DATE	Disable date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ELECTRONIC_MAIL_ADDRESS	NULL	VARCHAR2(240)	Planner’s electronic mail address.
EMPLOYEE_ID	NULL	NUMBER	The unique identifier for the employee associated with this planner.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_PLANNERS_U1	UNIQUE	1	PLANNER_CODE
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_PURGE_HEADER

MTL_PURGE_HEADER maintains a history of transaction purges. Each record includes a purge name, purge date, and the organization.

PURGE_NAME is a name entered by the user when the transaction purge is launched. Transactions that are dated on or before PURGE_DATE will be purged.

The transaction tables that are purged are:

```
MTL_MATERIAL_TRANSACTIONS
MTL_TRANSACTION_LOT_NUMBERS
MTL_UNIT_TRANSACTIONS
MTL_TRANSACTION_ACCOUNTS
MTL_MATERIAL_TXN_ALLOCATIONS
```

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
PURGE_ID (PK)	NOT NULL	NUMBER	Purge header identifier
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
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
PURGE_DATE	NOT NULL	DATE	Purge date
ARCHIVE_FLAG	NULL	VARCHAR2(1)	(not currently used)
PURGE_NAME	NOT NULL	VARCHAR2(30)	Purge header name
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_QOH_ITEM_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_QOH_LOCATOR_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
REVISION	NULL	VARCHAR2(3)	
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	
LOCATOR_ID	NULL	NUMBER	
LOT	NULL	VARCHAR2(30)	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_QOH_LOT_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
REVISION	NULL	VARCHAR2(3)	
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	
LOCATOR_ID	NULL	NUMBER	
LOT	NULL	VARCHAR2(30)	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_QOH_REV_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
REVISION	NULL	VARCHAR2(3)	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_QOH_SUB_TMP

Not currently used

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	
INVENTORY_ITEM_ID	NOT NULL	NUMBER	
REVISION	NULL	VARCHAR2(3)	
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	
TOTAL_QOH	NULL	NUMBER	
RESERVED_QOH	NULL	NUMBER	
AVAILABLE_QOH	NULL	NUMBER	
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_RELATED_ITEMS

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

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

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

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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_RELATED_ITEMS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	RELATED_ITEM_ID
		3	RELATIONSHIP_TYPE_ID
		4	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_RELATED_ITEMS_INTERFACE

MTL_RELATED_ITEMS_INTERFACE temporarily stores the relationship between two items before loading this information into Oracle Inventory. This table contains user–friendly columns which allow you to easily enter your data as well as the corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, if you enter the ITEM_NUMBER, Oracle Inventory will fill in the corresponding INVENTORY_ITEM_ID for you.

This table is not currently used.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded
RECIPROCAL_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
RELATIONSHIP_TYPE_ID	MTL_RELATIONSHIP_TYPES	MFG_LOOKUPS
	1	Related
	2	Substitute

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NULL	NUMBER	Inventory item identifier
RELATED_ITEM_ID (PK)	NULL	NUMBER	Related inventory item identifier
RELATIONSHIP_TYPE_ID (PK)	NULL	NUMBER	Relationship type identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	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
RECIPROCAL_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether relationship is reciprocal
ORGANIZATION_ID (PK)	NULL	NUMBER	Organization identifier
TRANSACTION_ID	NULL	NUMBER	Interface record identifier
PROCESS_FLAG	NULL	NUMBER	Interface record processing status
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviated organization name

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
RELATED_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of related item

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_REPLENISH_HEADERS

MTL_REPLENISH_HEADERS stores the header information for a replenishment count name. Each count name represents the replenishment information for a subinventory. The process status of a count name is stored in the PROCESS_STATUS column. The ERROR_FLAG stores the error status for the whole count name, if any.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_LOCATIONS_ALL	LOCATION_ID	DELIVERY_LOCATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ERROR_FLAG	MTL_REPLENISHMENT_ERROR	MFG_LOOKUPS
	1	Non–unique Replenishment Header Identifier
	10	Line(s) associated with this header failed validation
	100	No Item Sourcing Information found
	11	Neither Item Id nor Item Flexfield Segments were provided
	12	Invalid Count Type Code
	2	Non–unique Replenishment Count Header Name
	200	Item Source conflicts with Purchasable/Internal Order flag
	3	Invalid LAST_UPDATED_BY User Identifier
	300	No delivery location defined for the organization
	4	Invalid Organization Identi-fier
	400	Set of Books different from Purchasing
	5	Invalid Subinventory Name
	500	Line not processed due to other lines failing
	6	Invalid Requisition Approval Flag
	600	No customer associated with delivery location
	7	No Replenishment Lines are associated with Header
	8	Invalid Item Identifier/Item not Transactable or enabled
	800	Above min–max minimum qty. No need to reorder
	9	Invalid Unit of Measure Specification

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	990	Normal – Item Sourcing information successfully determined
	999	Normal, successful completion
PROCESS_MODE	MTL_TRANSACTION_MODE	MFG_LOOKUPS
	1	On–line processing
	2	Concurrent processing
	3	Background processing
PROCESS_STATUS	MTL_COUNT_STATUS	MFG_LOOKUPS
	1	Hold
	2	Pending
	3	Processing
	4	Error
	5	Completed
REQUISITION_APPROVAL_TYPE	MTL_REQUISITION_APPROVAL	MFG_LOOKUPS
	1	Approved
	2	Unapproved

Column Descriptions

Name	Null?	Type	Description
REPLENISHMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Unique identifier for the count name. Selected from the sequence MTL_REPLENISH_HEADERS_S
REPLENISHMENT_COUNT_NAME	NOT NULL	VARCHAR2(10)	Unique count name
COUNT_DATE	NOT NULL	DATE	Date on which the count was performed
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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory in which the count was performed
SUPPLY_CUTOFF_DATE	NULL	DATE	Supply from OE/PO will not be recognized after this date
REQUISITION_APPROVAL_TYPE	NULL	NUMBER	Preapprove requisitions upon generation in PO
PROCESS_STATUS	NULL	NUMBER	Process status of the record
PROCESS_MODE	NULL	NUMBER	Flag to determine if the record is to be processed in concurrent or background mode
ERROR_FLAG	NULL	NUMBER	The processing error, if any, of the record.
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
DELIVERY_LOCATION_ID	NULL	NUMBER(15)	Unique identifier for delivery location

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_REPLENISH_HEADERS_N1	NOT UNIQUE	1	ORGANIZATION_ID
MTL_REPLENISH_HEADERS_U1	UNIQUE	1	REPLENISHMENT_HEADER_ID
MTL_REPLENISH_HEADERS_U2	UNIQUE	2	REPLENISHMENT_COUNT_NAME

Sequences

Sequence	Derived Column
MTL_REPLENISH_HEADERS_S	REPLENISHMENT_HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_REPLENISH_HEADERS_INT

MTL_REPLENISH_HEADERS_INT provides an interface for users to populate external replenishment header information. The information stored in this table will then be processed by the Replenishment Validator before being loaded into the MTL_REPLENISH_HEADERS table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ERROR_FLAG	MTL_REPLENISHMENT_ERROR	MFG_LOOKUPS
	1	Non–unique Replenishment Header Identifier
	10	Line(s) associated with this header failed validation
	100	No Item Sourcing Information found
	11	Neither Item Id nor Item Flexfield Segments were provided
	12	Invalid Count Type Code
	2	Non–unique Replenishment Count Header Name
	200	Item Source conflicts with Purchasable/Internal Order flag
	3	Invalid LAST_UPDATED_BY User Identifier
	300	No delivery location defined for the organization
	4	Invalid Organization Identi-fier
	400	Set of Books different from Purchasing
	5	Invalid Subinventory Name
	500	Line not processed due to other lines failing
	6	Invalid Requisition Approval Flag
	600	No customer associated with delivery location
	7	No Replenishment Lines are associated with Header
	8	Invalid Item Identifier/Item not Transactable or enabled
	800	Above min–max minimum qty. No need to reorder
	9	Invalid Unit of Measure Specification

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	990	Normal – Item Sourcing information successfully determined
	999	Normal, successful completion
PROCESS_MODE	MTL_TRANSACTION_MODE	MFG_LOOKUPS
	1	On–line processing
	2	Concurrent processing
	3	Background processing
PROCESS_STATUS	MTL_COUNT_STATUS	MFG_LOOKUPS
	1	Hold
	2	Pending
	3	Processing
	4	Error
	5	Completed

Column Descriptions

Name	Null?	Type	Description
REPLENISHMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Unique identifier for the count name. Selected from the sequence MTL_REPLENISH_HEADERS_S
REPLENISHMENT_COUNT_NAME	NOT NULL	VARCHAR2(10)	Unique count name
COUNT_DATE	NOT NULL	DATE	Date on which the count was performed
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code. Users can either populate organization id or organization code
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory in which the count was performed
SUPPLY_CUTOFF_DATE	NULL	DATE	Supply from OE/PO will not be recognized after this date
PROCESS_STATUS	NULL	NUMBER	The process status of the record. For a record to be processed by the Validator, this has to be set to 2 (ie, Pending)
PROCESS_MODE	NULL	NUMBER	A flag to determine if the record is to be processed in concurrent or background mode
ERROR_FLAG	NULL	NUMBER	The processing error, if any, of the record
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
DELIVERY_LOCATION_ID	NULL	NUMBER(15)	Unique identifier for delivery location
DELIVERY_LOCATION_CODE	NULL	VARCHAR2(20)	Delivery Location name

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_REPLENISH_HEADERS_INT_U1	UNIQUE	1	REPLENISHMENT_HEADER_ID
MTL_REPLENISH_HEADERS_INT_U2	UNIQUE	2	REPLENISHMENT_COUNT_NAME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_REPLENISH_LINES

MTL_REPLENISH_LINES stores each line information for a replenishment header. The line information includes an item along with the count type and count quantity. The repenishment processor automatically populates further information such as sourcing information, reorder quantity, and account information along with the error statuses into this table upon the completion of processing the headers and lines.

The count types are On–hand Quantity, Order Maximum, and Order Quantity.

On–hand Quantity: the entered count quantity will be treated as the current on–hand quantity by the processor.

Order Maximum: users are not required to enter the count quantity. However, the processor will automatically reorder the maximum min–max quantity defined for the item regardless of the on–hand and supply quantity.

Order Quantity: the entered count quantity is treated as the reorder quantity.

However, the reorder quantity is subject to supplier constraints such as minimum order quantity, maximum order quantity, and fixed lot multiplier.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_REPLENISH_HEADERS	REPLENISHMENT_HEADER_ID	REPLENISHMENT_HEADER_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	COUNT_UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COUNT_TYPE_CODE	MTL_COUNT_TYPES	MFG_LOOKUPS
	1	Onhand quantity
	2	Order quantity
	3	Order maximum
ERROR_FLAG	MTL_REPLENISHMENT_ERROR	MFG_LOOKUPS
	1	Non–unique Replenishment Header Identifier
	10	Line(s) associated with this header failed validation
	100	No Item Sourcing Information found

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	11	Neither Item Id nor Item Flexfield Segments were provided
	12	Invalid Count Type Code
	2	Non–unique Replenishment Count Header Name
	200	Item Source conflicts with Purchasable/Internal Order flag
	3	Invalid LAST_UPDATED_BY User Identifier
	300	No delivery location defined for the organization
	4	Invalid Organization Identifier
	400	Set of Books different from Purchasing
	5	Invalid Subinventory Name
	500	Line not processed due to other lines failing
	6	Invalid Requisition Approval Flag
	600	No customer associated with delivery location
	7	No Replenishment Lines are associated with Header
	8	Invalid Item Identifier/Item not Transactable or enabled
	800	Above min–max minimum qty. No need to reorder
	9	Invalid Unit of Measure Specification
	990	Normal – Item Sourcing information successfully determined
	999	Normal, successful completion
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier

Column Descriptions

Name	Null?	Type	Description
REPLENISHMENT_LINE_ID (PK)	NOT NULL	NUMBER	Line identifier for a replenishment line. The id is selected from the sequence, MTL_REPLENISH_LINES_S
REPLENISHMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Foreign key to replenishment count interface header record
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
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
COUNT_TYPE_CODE	NOT NULL	NUMBER	Type of count performed

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COUNT_QUANTITY	NULL	NUMBER	Quantity of item counted within subinventory specified in header. The context of this column depends on the count type
COUNT_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code of the count quantity
SUPPLY_QUANTITY	NULL	NUMBER	Used by processor to store quantity expected to be received into subinventory
SOURCE_TYPE	NULL	NUMBER	Used by processor to store source type
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Used by processor to store source organization id
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Used by processor to store source subinventory code
REORDER_QUANTITY	NULL	NUMBER	Used by processor to store quantity of items to be reordered
EXPENSE_ACCOUNT	NULL	NUMBER	Used by processor to store the expense account
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Used by processor to store the encumbrance account
REFERENCE	NULL	VARCHAR2(240)	Free text describing count line
ERROR_FLAG	NULL	NUMBER	The processing error, if any, of the line. This column is populated by the Replenishment Processor
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
PRIMARY_UOM_COUNT_QUANTITY	NULL	NUMBER	The count quantity in primary uom code
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary uom code of the item
TASK_ID	NULL	NUMBER(15)	Task identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_REPLENISH_LINES_U1	UNIQUE	1	REPLENISHMENT_HEADER_ID
		2	REPLENISHMENT_LINE_ID

Sequences

Sequence	Derived Column
MTL_REPLENISH_LINES_S	REPLENISHMENT_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_REPLENISH_LINES_INT

MTL_REPLENISH_LINES_INT is an interface table that allows users to populate the detailed replenishment line information. The information stored in this table along with the header information in MTL_REPLENISH_HEADERS_INT table will then be processed by the Replenishment Validator (INCRVL) before being loaded into the MTL_REPLENISH_LINES and MTL_REPLENISH_HEADERS tables respectively. The ERROR_FLAG stores the error statuses during validation.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_REPLENISH_HEADERS_INT	REPLENISHMENT_HEADER_ID	REPLENISHMENT_HEADER_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	COUNT_UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	COUNT_UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
COUNT_TYPE_CODE	MTL_COUNT_TYPES	MFG_LOOKUPS
	1	Onhand quantity
	2	Order quantity
	3	Order maximum

Column Descriptions

Name	Null?	Type	Description
REPLENISHMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Foreign key to replenishment count interface header record
REPLENISHMENT_LINE_ID (PK)	NOT NULL	NUMBER	Line identifier for a replenishment line
ORGANIZATION_ID	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
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
COUNT_TYPE_CODE	NOT NULL	NUMBER	Type of count performed
COUNT_QUANTITY	NULL	NUMBER	Quantity of item counted within subinventory specified in header. The context of this column depends on the count type
REFERENCE	NULL	VARCHAR2(240)	Free text comments about the count line
ERROR_FLAG	NULL	NUMBER	The processing error, if any, of the line. This column is populated by the Replenishment Validator
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
SEGMENT1	NULL	VARCHAR2(40)	Item key flexfield segment column. Users can either populate an inventory item id or the item segments.
SEGMENT2	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT3	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT4	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT5	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT6	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT7	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT8	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT9	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT10	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT11	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT12	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT13	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT14	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT15	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT16	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT17	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT18	NULL	VARCHAR2(40)	Item Key flexfield segment column
SEGMENT19	NULL	VARCHAR2(40)	Item key flexfield segment column
SEGMENT20	NULL	VARCHAR2(40)	Item key flexfield segment column
COUNT_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	The long name of unit of measure of the count quantity. Users can either enter the long name of the unit of measure or the short name uom code
COUNT_UOM_CODE	NULL	VARCHAR2(3)	Short name of the unit of measure of the count quantity. Users can either enter the long name, unit of measure, or the short name
TASK_ID	NULL	NUMBER(15)	Task identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_REPLENISH_LINES_INT_U1	UNIQUE	5	REPLENISHMENT_HEADER_ID
		6	REPLENISHMENT_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_RESERVATIONS

This table stores reservation information. Each record is a reservation that ties an item / organization combination with a demand source and a supply source. Demand source information comprises demand source type (Sales Order, Account, Account Alias, Inventory), demand source header, demand source line and demand source name. Supply source information comprises supply source type (Inventory, WIP jobs), supply source header, supply source line, supply source name and inventory controls (revision, lot, subinventory, locator).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	DEMAND_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	SUPPLY_SOURCE_TYPE_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	RESERVATION_UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SHIP_READY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
RESERVATION_ID	NOT NULL	NUMBER	Reservation identifier
REQUIREMENT_DATE	NOT NULL	DATE	Reservation requirement date
ORGANIZATION_ID	NOT NULL	NUMBER	Identifier of organization in which reservation is made
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Identifier of reserved item
DEMAND_SOURCE_TYPE_ID	NOT NULL	NUMBER	Indicates demand source for which reservation is made
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for inventory or user defined demand

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier for source of demand. For Sales Order: OE_ORDER_HEADERS.HEADER_ID. For Account: GL_CODE_COMBINATIONS.CODE_COMBINATION_ID. For Account Alias: MTL_GENERIC_DISPOSITIONS.DISPOSITION_ID
DEMAND_SOURCE_LINE_ID	NULL	NUMBER	Line ID for demand source. For Sales Order: OE_ORDER_LINES.LINE_ID
DEMAND_SOURCE_DELIVERY	NULL	NUMBER	Delivery identifier for demand sources having one
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure of reserved item
PRIMARY_UOM_ID	NULL	NUMBER	Not currently used
RESERVATION_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure in which reservation is made
RESERVATION_UOM_ID	NULL	NUMBER	Not used
RESERVATION_QUANTITY	NOT NULL	NUMBER	Quanity reserved in RESERVATION_UOM_CODE
PRIMARY_RESERVATION_QUANTITY	NOT NULL	NUMBER	Quantity reserved in PRIMARY_UOM_CODE
AUTODETAIL_GROUP_ID	NULL	NUMBER	Not currently used
EXTERNAL_SOURCE_CODE	NULL	VARCHAR2(30)	Not currently used
EXTERNAL_SOURCE_LINE_ID	NULL	NUMBER	Not currently used
SUPPLY_SOURCE_TYPE_ID	NOT NULL	NUMBER	Indicates supply source of reservation
SUPPLY_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier of supply source
SUPPLY_SOURCE_LINE_ID	NULL	NUMBER	Indicates line identifier of supply source
SUPPLY_SOURCE_LINE_DETAIL	NULL	NUMBER	Indicates line detail identifier of supply source
SUPPLY_SOURCE_NAME	NULL	VARCHAR2(30)	Indicates name of supply source
REVISION	NULL	VARCHAR2(3)	Revision of revision controlled reserved item
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory in which reserved item resides
SUBINVENTORY_ID	NULL	NUMBER	Not currently used
LOCATOR_ID	NULL	NUMBER	Locator in which reserved item resides
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number of lot controlled reserved item
LOT_NUMBER_ID	NULL	NUMBER	Not currently used
SERIAL_NUMBER	NULL	VARCHAR2(30)	Not currently used
SERIAL_NUMBER_ID	NULL	NUMBER	Not currently used
PARTIAL_QUANTITIES_ALLOWED	NULL	NUMBER	Not currently used
AUTO_DETAILED	NULL	NUMBER	Not currently used
PICK_SLIP_NUMBER	NULL	NUMBER	Not currently used
LPN_ID	NULL	NUMBER	Not currently used
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	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
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
SHIP_READY_FLAG	NULL	NUMBER	Indicates that reserved quantity is ready to be shipped
N_COLUMN1	NULL	NUMBER	For synchronization purpose
DETAILED_QUANTITY	NULL	NUMBER	If high level reservation, quantity detailed.
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier – Used by WMS only
CONTAINER_LPN_ID	NULL	NUMBER	Indicates LPN of the empty container reserved – used by WMS only
STAGED_FLAG	NULL	VARCHAR2(1)	Indicates if the reservation is in staged area.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_RESERVATIONS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
MTL_RESERVATIONS_N2	NOT UNIQUE	4	DEMAND_SOURCE_LINE_ID
MTL_RESERVATIONS_N5	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	REQUIREMENT_DATE
MTL_RESERVATIONS_N6	NOT UNIQUE	1	SHIP_READY_FLAG
MTL_RESERVATIONS_N7	NOT UNIQUE	5	N_COLUMN1
MTL_RESERVATIONS_N8	NOT UNIQUE	1	DEMAND_SOURCE_HEADER_ID
MTL_RESERVATIONS_U1	UNIQUE	1	RESERVATION_ID

Sequences

Sequence	Derived Column
MTL_RESERVATIONS_S	RESERVATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_RESERVATIONS_INTERFACE

This table stores reservations requests. The Reservation Interface manager processes reservation requests from this table into MTL_RESERVATIONS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID LOCATOR_ID
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	ORGANIZATION_ID TO_LOCATOR_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID TO_REVISION
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER
MTL_LOT_NUMBERS	ORGANIZATION_ID INVENTORY_ITEM_ID LOT_NUMBER	ORGANIZATION_ID INVENTORY_ITEM_ID TO_LOT_NUMBER
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID SUBINVENTORY_CODE
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID TO_SUBINVENTORY_CODE
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	DEMAND_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TO_DEMAND_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	SUPPLY_SOURCE_TYPE_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TO_SUPPLY_SOURCE_TYPE_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	RESERVATION_UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LOCK_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PARTIAL_QUANTITIES_ALLOWED	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ROW_STATUS_CODE	INV_YES_NO_ERROR	MFG_LOOKUPS
	1	Yes
	2	No
	3	Error
SHIP_READY_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
TRANSACTION_MODE	MTL_TRANSACTION_MODE	MFG_LOOKUPS

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1	On–line processing
	2	Concurrent processing
	3	Background processing
VALIDATION_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
RESERVATION_INTERFACE_ID	NOT NULL	NUMBER	Identifies a unique reservation request
RESERVATION_BATCH_ID	NOT NULL	NUMBER	Identifies a group of reservation requests
REQUIREMENT_DATE	NOT NULL	DATE	Required reservation date
ORGANIZATION_ID	NOT NULL	NUMBER	Identifies organization in which reservation function is performed
TO_ORGANIZATION_ID	NULL	NUMBER	For transfer and update reservations, the destination organization in which the reservation function is performed
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Identifies item reserved
ITEM_SEGMENT1	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT2	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT3	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT4	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT5	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT6	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT7	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT8	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT9	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT10	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT11	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT12	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT13	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT14	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT15	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT16	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT17	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT18	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT19	NULL	VARCHAR2(40)	Item flexfield segment column
ITEM_SEGMENT20	NULL	VARCHAR2(40)	Item flexfield segment column
DEMAND_SOURCE_TYPE_ID	NOT NULL	NUMBER	Identifies demand source – Sales Order, Account, Account Alias, Inventory
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for inventory or user defined demand
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier for source of demand. For Sales Order: OE_ORDER_HEADERS.HEADER_ID. For Account: GL_CODE_COMBINATIONS.CODE_COMBINATION_ID. For Account Alias: MTL_GENERIC_DISPOSITIONS.DISPOSITION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
DEMAND_SOURCE_LINE_ID	NULL	NUMBER	Line identifier for demand source. For Sales Order: OE_ORDER_LINES.LINE_ID
TO_DEMAND_SOURCE_TYPE_ID	NULL	NUMBER	For update and transfer reservation, identifies destination demand source – Sales Order, Account, Account Alias, Inventory.
TO_DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	For update and transfer reservation, identifier for inventory or user defined destination demand source.
TO_DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	For update and transfer reservation, Header identifier fordestination source of demand. For Sales Order: OE_ORDER_HEADERS.HEADER_ID. For Account: GL_CODE_COMBINATIONS.CODE_COMBINATION_ID. For Account Alias: MTL_GENERIC_DISPOSITIONS.DISPOSITION_ID
TO_DEMAND_SOURCE_LINE_ID	NULL	NUMBER	For update and transfer reservation, Line identifier for destination demand source. For Sales Order: OE_ORDER_LINES.LINE_ID
PRIMARY_UOM_CODE	NULL	VARCHAR2(3)	Primary unit of measure of reserved item
PRIMARY_UOM_ID	NULL	NUMBER	Not currently used
RESERVATION_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure in which reservation is made.
RESERVATION_UOM_ID	NULL	NUMBER	Not currently used
RESERVATION_QUANTITY	NOT NULL	NUMBER	Quantity reserved in RESERVATION_UOM_CODE
PRIMARY_RESERVATION_QUANTITY	NOT NULL	NUMBER	Quantity reserved in PRIMARY_UOM_CODE
EXTERNAL_SOURCE_CODE	NULL	VARCHAR2(30)	Not currently used
EXTERNAL_SOURCE_LINE_ID	NULL	NUMBER	Not currently used
SUPPLY_SOURCE_TYPE_ID	NOT NULL	NUMBER	Indicates supply source of reservation.
SUPPLY_SOURCE_HEADER_ID	NULL	NUMBER	Header identifier of Supply Source
SUPPLY_SOURCE_LINE_ID	NULL	NUMBER	Indicates line identifier of Supply Source
SUPPLY_SOURCE_LINE_DETAIL	NULL	NUMBER	Indicates line detail identifier of supply source
SUPPLY_SOURCE_NAME	NULL	VARCHAR2(30)	Indicates name of Supply Source
TO_SUPPLY_SOURCE_TYPE_ID	NULL	NUMBER	For update and transfer of reservation, indicates destination supply source of reservation.
TO_SUPPLY_SOURCE_HEADER_ID	NULL	NUMBER	For update and transfer of reservations, header identifier of destination supply source.
TO_SUPPLY_SOURCE_LINE_ID	NULL	NUMBER	For transfer and update of reservations, indicates line identifier of destination supply source.
TO_SUPPLY_SOURCE_LINE_DETAIL	NULL	NUMBER	
TO_SUPPLY_SOURCE_NAME	NULL	VARCHAR2(30)	For transfer and update of reservations, indicates name of destination Supply Source.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ERROR_CODE	NULL	NUMBER	Error code returned by Reservations Interface Manager
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation text
REVISION	NULL	VARCHAR2(3)	Revision of revision controlled reserved item
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory in which reservation is made
SUBINVENTORY_ID	NULL	NUMBER	Not currently used
LOCATOR_ID	NULL	NUMBER	Identifies locator in which reservation is made.
LOC_SEGMENT1	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT2	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT3	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT4	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT5	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT6	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT7	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT8	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT9	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT10	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT11	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT12	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT13	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT14	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT15	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT16	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT17	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT18	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT19	NULL	VARCHAR2(40)	Locator flexfield segment column
LOC_SEGMENT20	NULL	VARCHAR2(40)	Locator flexfield segment column
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number of lot controlled reserved item.
LOT_NUMBER_ID	NULL	NUMBER	Not currently used
SERIAL_NUMBER	NULL	VARCHAR2(30)	Not used
SERIAL_NUMBER_ID	NULL	NUMBER	Not currently used
TO_REVISION	NULL	VARCHAR2(3)	For update and transfer reservation, destination revision of revision controlled reserved item

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TO_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	For update and transfer reservation, destination subinventory in which reservation is made.
TO_SUBINVENTORY_ID	NULL	NUMBER	Not currently used
TO_LOCATOR_ID	NULL	NUMBER	For update and transfer reservation, identifies locator in which reservation is made.
TO_LOC_SEGMENT1	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT2	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT3	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT4	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT5	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT6	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT7	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT8	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT9	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT10	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT11	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT12	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT13	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT14	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TO_LOC_SEGMENT15	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT16	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT17	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT18	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT19	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOC_SEGMENT20	NULL	VARCHAR2(40)	For transfer and update reservation, destination locator flexfield segment column
TO_LOT_NUMBER	NULL	VARCHAR2(30)	For update and transfer reservation, destination lot number of lot controlled reserved item.
TO_LOT_NUMBER_ID	NULL	NUMBER	Not currently used
TO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Not currently used
TO_SERIAL_NUMBER_ID	NULL	NUMBER	Not currently used
ROW_STATUS_CODE	NOT NULL	NUMBER	Indicates status of request – Active, Inactive, Error
LOCK_FLAG	NULL	NUMBER	Indicates request is locked. This is to prevent the request from being picked by another manager.
RESERVATION_ACTION_CODE	NOT NULL	NUMBER	Indicates reservation function requested
TRANSACTION_MODE	NOT NULL	NUMBER	Fflag to indicate processing mode: 1 – Online; 2 – Immediate Concurrent; 3 – Batch
VALIDATION_FLAG	NULL	NUMBER	Flag to indicate if row needs to be validated before being processed.
PARTIAL_QUANTITIES_ALLOWED	NULL	NUMBER	Flag to indicate if partial reservations are permitted
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	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
PROJECT_ID	NULL	NUMBER	Not currently used
TASK_ID	NULL	NUMBER	Not currently used
PROJECT_PLANNING_GROUP	NULL	NUMBER	Not currently used
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
SHIP_READY_FLAG	NULL	NUMBER	Flag to indicate if reservation has to be updated to ready to be shipped.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_RESERVATIONS_INTERFACE_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
MTL_RESERVATIONS_INTERFACE_N10	NOT UNIQUE	1	LOCK_FLAG
MTL_RESERVATIONS_INTERFACE_N11	NOT UNIQUE	1	RESERVATION_ACTION_CODE
MTL_RESERVATIONS_INTERFACE_N12	NOT UNIQUE	1	TRANSACTION_MODE
MTL_RESERVATIONS_INTERFACE_N13	NOT UNIQUE	1	VALIDATION_FLAG
MTL_RESERVATIONS_INTERFACE_N14	NOT UNIQUE	1	PARTIAL_QUANTITIES_ALLOWED
MTL_RESERVATIONS_INTERFACE_N15	NOT UNIQUE	1	SHIP_READY_FLAG
MTL_RESERVATIONS_INTERFACE_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	REQUIREMENT_DATE
MTL_RESERVATIONS_INTERFACE_N3	NOT UNIQUE	1	DEMAND_SOURCE_TYPE_ID
		2	DEMAND_SOURCE_NAME
		3	DEMAND_SOURCE_HEADER_ID
		4	DEMAND_SOURCE_LINE_ID
MTL_RESERVATIONS_INTERFACE_N4	NOT UNIQUE	1	TO_DEMAND_SOURCE_TYPE_ID
		2	TO_DEMAND_SOURCE_NAME
		3	TO_DEMAND_SOURCE_HEADER_ID
		4	TO_DEMAND_SOURCE_LINE_ID
MTL_RESERVATIONS_INTERFACE_N5	NOT UNIQUE	1	SUPPLY_SOURCE_TYPE_ID
		2	SUPPLY_SOURCE_HEADER_ID
		3	SUPPLY_SOURCE_LINE_ID
		4	SUPPLY_SOURCE_LINE_DETAIL
		5	SUPPLY_SOURCE_NAME
MTL_RESERVATIONS_INTERFACE_N6	NOT UNIQUE	1	TO_SUPPLY_SOURCE_TYPE_ID
		2	TO_SUPPLY_SOURCE_HEADER_ID
		3	TO_SUPPLY_SOURCE_LINE_ID
		4	TO_SUPPLY_SOURCE_LINE_DETAIL
		5	TO_SUPPLY_SOURCE_NAME
MTL_RESERVATIONS_INTERFACE_N7	NOT UNIQUE	1	REVISION
		2	LOT_NUMBER
		3	SUBINVENTORY_CODE
		4	LOCATOR_ID
MTL_RESERVATIONS_INTERFACE_N8	NOT UNIQUE	1	TO_REVISION
		2	TO_LOT_NUMBER
		3	TO_SUBINVENTORY_CODE
		4	TO_LOCATOR_ID
MTL_RESERVATIONS_INTERFACE_N9	NOT UNIQUE	1	ROW_STATUS_CODE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_RESERVATIONS_INTERFACE_U1	UNIQUE	1	RESERVATION_BATCH_ID
		2	RESERVATION_INTERFACE_ID

Sequences

Sequence	Derived Column
MTL_RESERVATIONS_INTERFACE_S	RESERVATION_INTERFACE_ID
MTL_RESERVATIONS_INTERFACE_S	RESERVATION_BATCH_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_RTG_ITEM_REVISIONS

MTL_RTG_ITEM_REVISIONS stores revision levels for routings. When a routing is defined a revision must be inserted into this table, so that every routing has at least one valid revision.

This table is analagous to MTL_ITEM_REVISIONS, but for routings instead of items. However, since engineering changes don't yet act on routings, routing revisions will never come directly from an ECO as they do for items.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_OPERATIONAL_ROUTINGS	ASSEMBLY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
ENG_ENGINEERING_CHANGES	CHANGE_NOTICE ORGANIZATION_ID	CHANGE_NOTICE ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
PROCESS_REVISION (PK)	NOT NULL	VARCHAR2(3)	Routing revision code
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
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
ECN_INITIATION_DATE	NULL	DATE	ECO initiation date
IMPLEMENTATION_DATE	NULL	DATE	ECO implementation date
IMPLEMENTED_SERIAL_NUMBER	NULL	VARCHAR2(30)	(no longer used)
EFFECTIVITY_DATE	NOT NULL	DATE	Revision effectivity date
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Revised Item Sequence Id

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_RTG_ITEM_REVISIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	PROCESS_REVISION
		3	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_RTG_ITEM_REVS_INTERFACE

MTL_RTG_ITEM_REVS_INTERFACE temporarily stores routing revisions before loading this information into Oracle Inventory. This table contains user friendly columns which allow you to easily enter your data as well as the corresponding foreign keys. Oracle Inventory will derive column values you do not enter, after performing the proper validation. For example, if you enter the ORGANIZATION_CODE, Oracle Inventory will fill in the corresponding ORGANIZATION_ID for you.

This is used by the BOM product.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
PROCESS_REVISION	NULL	VARCHAR2(3)	Routing revision code
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CHANGE_NOTICE	NULL	VARCHAR2(10)	Engineering change order number
ECN_INITIATION_DATE	NULL	DATE	ECO initiation date
IMPLEMENTATION_DATE	NULL	DATE	ECO implementation date
IMPLEMENTED_SERIAL_NUMBER	NULL	VARCHAR2(30)	(no longer used)
EFFECTIVITY_DATE	NULL	DATE	Revision effectivity date
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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
INVENTORY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviated organization name
TRANSACTION_ID	NULL	NUMBER	Interface record identifier
PROCESS_FLAG	NULL	NUMBER	Interface record processing status
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Specifies a type of transaction to be performed on the interface record (e.g. CREATE)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_RTG_ITEM_REVS_INTERFACE_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	PROCESS_REVISION
MTL_RTG_ITEM_REVS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SAFETY_STOCKS

MTL_SAFETY_STOCKS stores the safety stock information for an item that is not an MRP planned item. The SAFETY_STOCK_QUANTITY records the safety stock quantity effective from the EFFECTIVITY_DATE until the next EFFECTIVITY_DATE. Currently, there are three methods to derive the safety stock quantity. They are mean absolute deviation, user–defined percentage, and manual entry. The former two methods for deriving safety stock quantities are based on the forecast demand of the item. The SAFETY_STOCK_CODE represents how the safety stock is derived.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SAFETY_STOCK_CODE	MTL_SAFETY_STOCK	MFG_LOOKUPS
	1	User–defined quantity
	2	User–defined percentage
	3	Mean absolute deviation (MAD)

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
EFFECTIVITY_DATE (PK)	NOT NULL	DATE	The date on/after which the safety stock is effective
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
SAFETY_STOCK_CODE	NULL	NUMBER	Indicate how the safety stock quantity is derived
SAFETY_STOCK_QUANTITY	NOT NULL	NUMBER	Safety stock quantity for the item effective since the EFFECTIVITY_DATE until the next EFFECTIVITY_DATE
SAFETY_STOCK_PERCENT	NULL	NUMBER	The percentage of the forecast demand when safety stock quantity is derived from the user–defined percentage method.
SERVICE_LEVEL	NULL	NUMBER	The service level from which the safety stock quantity is derived when the safety stock method is mean absolute deviation.
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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
FORECAST_DESIGNATOR	NULL	VARCHAR2(10)	Indicates from which forecast designator the safety stock is derived

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SAFETY_STOCKS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	EFFECTIVITY_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SEASONALITY_INDICES

MTL_SEASONALITY_INDICES maintains the initial seasonality indices for for each calendar period. There could be 12 or 13 calendar periods in a year. The number of calendar periods in a year depends on if users compile the calendar by the 445 weekly quarter pattern, 544 weekly quarter pattern, 13 period calendar, or regular calendar months.

A seasonality index is an indication of the degree of seasonal variation for a product. An index is an estimate of how much the demand during the season will be above or below the average demand for the product. For example, 0.8 means 80 percent of the average demand for a particular season.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_FORECAST_RULES	FORECAST_RULE_ID	FORECAST_RULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PERIOD_TYPE_CODE	MTL_PERIOD_TYPES	MFG_LOOKUPS
	1	Daily period
	2	Weekly period
	3	Calendar period

Column Descriptions

Name	Null?	Type	Description
FORECAST_RULE_ID (PK)	NOT NULL	NUMBER	Identifier for forecast rule
PERIOD_NUM (PK)	NOT NULL	NUMBER	Seasonality period number
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
SEASONALITY_INDEX	NOT NULL	NUMBER	Seasonality factor
PERIOD_TYPE_CODE	NULL	NUMBER	Period bucket type

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SEASONALITY_INDICES_U1	UNIQUE	1	FORECAST_RULE_ID
		2	PERIOD_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
CST_COST_GROUPS	COST_GROUP_ID	DEFAULT_COST_GROUP_ID
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_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	3	Dynamic entry locator control
	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 onhand 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
EXPENSE_ACCOUNT	NULL	NUMBER	Account to expense items issued to subinventory
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	NULL	NUMBER	Flag indicating if the sub inventory is depreciable
LOCATION_ID	NULL	NUMBER(15)	Location identifier
DEFAULT_COST_GROUP_ID	NULL	NUMBER	Default cost group id – Used by WMS only
STATUS_ID	NULL	NUMBER	Status Identifier – Used by WMS only
DEFAULT_LOC_STATUS_ID	NULL	NUMBER	Default status ID for locators – Used by WMS only
LPN_CONTROLLED_FLAG	NULL	NUMBER	
PICK_METHODOLOGY	NULL	NUMBER	
CARTONIZATION_FLAG	NULL	NUMBER(30)	

Indexes

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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.
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SECONDARY_LOCATORS

MTL_SECONDARY_LOCATORS stores all locators within a subinventory for a specific item.

These locators make up the valid list of locators when transacting that specific item to / from the subinventory, and the user has specified (in the Master Item window) that the item must use locators restricted to a pre–defined list.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	SECONDARY_LOCATOR ORGANIZATION_ID
MTL_ITEM_SUB_INVENTORIES	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_INVENTORY	INVENTORY_ITEM_ID ORGANIZATION_ID SUBINVENTORY_CODE

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
SECONDARY_LOCATOR (PK)	NOT NULL	NUMBER	Locator 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
PRIMARY_LOCATOR_FLAG	NULL	NUMBER	Primary / secondary type code
PICKING_ORDER	NULL	NUMBER	(not currently used)
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
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
STATUS_ID	NULL	NUMBER	Status Identifier – Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SECONDARY_LOCATORS_N1	NOT UNIQUE	1 2	ORGANIZATION_ID SECONDARY_LOCATOR
MTL_SECONDARY_LOCATORS_U1	UNIQUE	1 2 3	INVENTORY_ITEM_ID SECONDARY_LOCATOR ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SECONDARY_LOCS_INTERFACE

MTL_SECONDARY_LOCS_INTERFACE temporarily stores all locators within a subinventory for a specific item before loading this information into Oracle Inventory. Each subinventory is allowed one primary locator. A primary locator is used as a default locator in the transaction system.

This table contains user–friendly columns which allow you to easily enter your data as well as the corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, if you enter the ITEM_NUMBER, Oracle Inventory will fill in the corresponding INVENTORY_ITEM_ID for you.

This table is not currently used.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PRIMARY_LOCATOR_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
SECONDARY_LOCATOR	NULL	NUMBER	Locator name
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
PRIMARY_LOCATOR_FLAG	NULL	NUMBER	Primary / secondary type code
PICKING_ORDER	NULL	NUMBER	(not currently used)
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
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
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
LOCATION_NAME	NULL	VARCHAR2(81)	Concatenated locator segments
STATUS_ID	NULL	NUMBER	Status Identifier – Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SERIAL_NUMBERS

MTL_SERIAL_NUMBERS stores the definition and current status of all serial numbers in Oracle Inventory. These serial numbers are also used in other areas of Oracle Manufacturing.

A serial number can have one of four statuses:

- Defined but not used
- Resides in stores
- Issued out of stores
- Resides in intransit

The serial generation program populates this table, given the number of serial numbers to create and the starting number and prefix.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	CURRENT_LOCATOR_ID CURRENT_ORGANIZATION_ID
MTL_ITEM_REVISIONS	REVISION INVENTORY_ITEM_ID ORGANIZATION_ID	REVISION INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID
MTL_LOT_NUMBERS	LOT_NUMBER ORGANIZATION_ID INVENTORY_ITEM_ID	LOT_NUMBER CURRENT_ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	LAST_TRANSACTION_ID
MTL_PARAMETERS	ORGANIZATION_ID	CURRENT_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	CURRENT_SUBINVENTORY_CODE CURRENT_ORGANIZATION_ID
MTL_SERIAL_NUMBERS	INVENTORY_ITEM_ID SERIAL_NUMBER CURRENT_ORGANIZATION_ID	PARENT_ITEM_ID PARENT_SERIAL_NUMBER CURRENT_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	LAST_TXN_SOURCE_TYPE_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	END_ITEM_UNIT_NUMBER
PJM_UNIT_SERIAL_HISTORY	INVENTORY_ITEM_ID SERIAL_NUMBER NEW_UNIT_NUMBER	INVENTORY_ITEM_ID SERIAL_NUMBER END_ITEM_UNIT_NUMBER
PO_VENDORS	VENDOR_ID	ORIGINAL_UNIT_VENDOR_ID
WIP_ENTITIES	WIP_ENTITY_ID	ORIGINAL_WIP_ENTITY_ID
WMS_LICENSE_PLATE_NUMBERS	LPN_ID	LPN_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CURRENT_STATUS	SERIAL_NUM_STATUS	MFG_LOOKUPS
	1	Defined but not used
	3	Resides in stores
	4	Issued out of stores
	5	Resides in intransit
LAST_TRANSACTION_ID	MTL_DISPOSITION	MFG_LOOKUPS

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1	Purchase order
	2	Sales order
	3	Account number
	4	Job or schedule
	5	Job or schedule
	6	Account alias

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
SERIAL_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Serial number
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
INITIALIZATION_DATE	NOT NULL	DATE	Unit initialization date
COMPLETION_DATE	NULL	DATE	Unit completion date
SHIP_DATE	NULL	DATE	Unit ship date
CURRENT_STATUS	NULL	NUMBER	Current status
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
FIXED_ASSET_TAG	NULL	VARCHAR2(10)	Unit fixed asset tag number
RESERVED_ORDER_ID	NULL	NUMBER	Scheduled sales order reservation
PARENT_ITEM_ID	NULL	NUMBER	Component parent part number
PARENT_SERIAL_NUMBER	NULL	VARCHAR2(30)	Component parent serial number
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	
ORIGINAL_WIP_ENTITY_ID	NULL	NUMBER	Original WIP entity id
ORIGINAL_UNIT_VENDOR_ID	NULL	NUMBER	Original unit supplier code
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Supplier serial number
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
LAST_TXN_SOURCE_TYPE_ID	NULL	NUMBER	Last transaction source type identifier
LAST_TRANSACTION_ID	NULL	NUMBER	Last transaction identifier
LAST_RECEIPT_ISSUE_TYPE	NULL	NUMBER	Last transaction type
LAST_TXN_SOURCE_NAME	NULL	VARCHAR2(30)	Last transaction source name
LAST_TXN_SOURCE_ID	NULL	NUMBER	Last transaction source identifier
DESCRIPTIVE_TEXT	NULL	VARCHAR2(240)	Unit descriptive text
CURRENT_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Current subinventory name
CURRENT_LOCATOR_ID	NULL	NUMBER	Current location identifier
CURRENT_ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization where the serial number is currently stored
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
GROUP_MARK_ID	NULL	NUMBER	Group identifier (used by Oracle Inventory for ensuring that serial numbers used by one user's session do not become available incorrectly to another user)
LINE_MARK_ID	NULL	NUMBER	Used by Oracle Inventory for ensuring that serial numbers used by one user's session do not become available incorrectly to another user. The column is used by Oracle Inventory's serialnumber marking and unmarking routines
LOT_LINE_MARK_ID	NULL	NUMBER	Identifier used in serial number marking and unmarking routines
GEN_OBJECT_ID	NOT NULL	NUMBER	Genealogy object identifier
SERIAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column – Usedby WMS only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for Country of Origin–- Usedby WMS only
ORIGINATION_DATE	NULL	DATE	Creation Date of the serial number such as manufacture date. – Used by WMS only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive flexfield segment– Used by WMS only
STATUS_ID	NULL	NUMBER	Status identifier – Used by WMS only
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifie – Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TIME_SINCE_NEW	NULL	NUMBER	Time since new for MRO industry – Used by WMS only
CYCLES_SINCE_NEW	NULL	NUMBER	Cycles since new for MRO industry – Used by WMS only
TIME_SINCE_OVERHAUL	NULL	NUMBER	Time Since overhaul for MRO industry – Used by WMS only
CYCLES_SINCE_OVERHAUL	NULL	NUMBER	Cycles since overhaul for MRO industry – Used by WMS only
TIME_SINCE_REPAIR	NULL	NUMBER	Time Since repair for MRO industry – Used by WMS only
CYCLES_SINCE_REPAIR	NULL	NUMBER	Cycles Since repair for MRO industry – Used by WMS only
TIME_SINCE_VISIT	NULL	NUMBER	Time since Visit for MRO industry – Used by WMS only
CYCLES_SINCE_VISIT	NULL	NUMBER	Cycles Since Visit for MRO industry – Used by WMS only
TIME_SINCE_MARK	NULL	NUMBER	Time since Mark for MRO industry – Used by WMS only
CYCLES_SINCE_MARK	NULL	NUMBER	Cycles Since Mark for MRO industry – Used by WMS only
NUMBER_OF_REPAIRS	NULL	NUMBER	Number of repairs for MRO industry – Used by WMS only
LPN_ID	NULL	NUMBER	License Plate Number Identifier of the item – Used by WMS only
INSPECTION_STATUS	NULL	NUMBER	Status after Inspection of the Serial Number – Usedby WMS only
PREVIOUS_STATUS	NULL	NUMBER	Previous Status – Usedby WMS only
LPN_TXN_ERROR_FLAG	NULL	VARCHAR2(1)	Error flag for LPN Transaction -- Usedby WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SERIAL_NUMBERS_N1	NOT UNIQUE	1	CURRENT_ORGANIZATION_ID
		2	CURRENT_SUBINVENTORY_CODE
		3	CURRENT_LOCATOR_ID
MTL_SERIAL_NUMBERS_N2	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	CURRENT_STATUS
MTL_SERIAL_NUMBERS_N3	NOT UNIQUE	1	ORIGINAL_UNIT_VENDOR_ID
		2	VENDOR_SERIAL_NUMBER
MTL_SERIAL_NUMBERS_N4	NOT UNIQUE	1	CURRENT_ORGANIZATION_ID
		2	SERIAL_NUMBER
		3	INVENTORY_ITEM_ID
MTL_SERIAL_NUMBERS_N5	NOT UNIQUE	1	GROUP_MARK_ID
		2	LINE_MARK_ID
		3	LOT_LINE_MARK_ID
MTL_SERIAL_NUMBERS_N6	NOT UNIQUE	1	CURRENT_ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		4	CURRENT_SUBINVENTORY_CODE
		6	CURRENT_STATUS
MTL_SERIAL_NUMBERS_N7	NOT UNIQUE	5	LPN_ID
MTL_SERIAL_NUMBERS_U1	UNIQUE	1	SERIAL_NUMBER
		2	INVENTORY_ITEM_ID
MTL_SERIAL_NUMBERS_U2	UNIQUE	5	GEN_OBJECT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
MTL_GEN_OBJECT_ID_S	GEN_OBJECT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SERIAL_NUMBERS_INTERFACE

MTL_SERIAL_NUMBERS_INTERFACE is the interface analogy of MTL_SERIAL_NUMBERS_TEMP.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID (PK)	NOT NULL	NUMBER	Joins to MTL_TRANSACTION_LOTS_INTERFACE OR MTL_TRANSACTIONS_INTERFACE
SOURCE_CODE	NULL	VARCHAR2(30)	Source identifier
SOURCE_LINE_ID	NULL	NUMBER	Source line 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 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
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Supplier serial number
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
FM_SERIAL_NUMBER	NULL	VARCHAR2(30)	Single serial number or beginning serial number in range
TO_SERIAL_NUMBER	NULL	VARCHAR2(30)	Ending serial number in a range
ERROR_CODE	NULL	VARCHAR2(240)	Error code
PROCESS_FLAG	NULL	NUMBER	Row process flag (not currently used)
PARENT_SERIAL_NUMBER	NULL	VARCHAR2(30)	Parent serial number
SERIAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Structure Defining column for Serial Attributes flex field – Used by WMS only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for Country of Origin – Used by WMS only
ORIGINATION_DATE	NULL	DATE	Creation Date of the serial number such as manufacture date. – Used by WMS only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment – Used by WMS only
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
N_ATTRIBUTE5	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive flexfield segment – Used by WMS only
STATUS_ID	NULL	NUMBER	Status identifier – Used by WMS only
TIME_SINCE_NEW	NULL	NUMBER	Time since new for MRO industry – Used by WMS only
CYCLES_SINCE_NEW	NULL	NUMBER	Cycles since new for MRO industry – Used by WMS only
TIME_SINCE_OVERHAUL	NULL	NUMBER	Time Since overhaul for MRO industry – Used by WMS only
CYCLES_SINCE_OVERHAUL	NULL	NUMBER	Cycles since overhaul for MRO industry – Used by WMS only
TIME_SINCE_REPAIR	NULL	NUMBER	Time Since repair for MRO industry – Used by WMS only
CYCLES_SINCE_REPAIR	NULL	NUMBER	Cycles Since repair for MRO industry – Used by WMS only
TIME_SINCE_VISIT	NULL	NUMBER	Time since Visit for MRO industry – Used by WMS only
CYCLES_SINCE_VISIT	NULL	NUMBER	Cycles since visit for MRO industry – Used by WMS only
TIME_SINCE_MARK	NULL	NUMBER	Time since the serial Number is marked for MRO Industry – Used by WMS only
CYCLES_SINCE_MARK	NULL	NUMBER	Number of Cycles since the serial Number is marked, for MRO Industry – Used by WMS only
NUMBER_OF_REPAIRS	NULL	NUMBER	Number of repairs for MRO industry – Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SERIAL_NUMBERS_INTRFACE_N1	NOT UNIQUE	1	TRANSACTION_INTERFACE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SERIAL_NUMBERS_TEMP

MTL_SERIAL_NUMBERS_TEMP holds temporary serial number transaction records for a parent record in MTL_MATERIAL_TRANSACTIONS_TEMP. Data in this table will eventually reside in MTL_UNIT_TRANSACTIONS after processing by the transaction processor. TRANSACTION_TEMP_ID joins to TRANSACTION_TEMP_ID in MTL_MATERIAL_TRANSACTIONS_TEMP when under serial control. If also under lot control it joins to MTL_TRANSACTION_LOTS_TEMP.SERIAL_TRANSACTION_TEMP_ID.

It is possible to have child records in this table without a parent record due to the autocommit feature of the Serial Number Entry form. Periodic deletion of irrelevant data from this table is desired.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_TRANSACTIONS_TEMP	TRANSACTION_TEMP_ID	TRANSACTION_TEMP_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_TEMP_ID	NOT NULL	NUMBER	Serial number temporary transactions 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
VENDOR_SERIAL_NUMBER	NULL	VARCHAR2(30)	Vendor Serial Number
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Vednor Lot Number
FM_SERIAL_NUMBER	NULL	VARCHAR2(30)	From’ serial number
TO_SERIAL_NUMBER	NULL	VARCHAR2(30)	’To’ serial number
SERIAL_PREFIX	NULL	VARCHAR2(30)	Number of serial numbers in range
ERROR_CODE	NULL	VARCHAR2(30)	Serial number transaction error code
PARENT_SERIAL_NUMBER	NULL	VARCHAR2(30)	Parent serial number
GROUP_HEADER_ID	NULL	NUMBER	Group identifier used in serial number marking and unmarking routines
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	
SERIAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column – Usedby WMS only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for Country of Origin-- Usedby WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGINATION_DATE	NULL	DATE	Creation Date of the serial number such as manufacture date. – Used by WMS only
C_ATTRIBUTE1	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE2	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE3	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE4	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE5	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE6	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE7	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE8	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE9	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE10	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE11	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE12	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE13	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE14	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE15	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE16	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE17	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE18	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE19	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
C_ATTRIBUTE20	NULL	VARCHAR2(30)	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment– Used by WMS only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment– Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE1	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE2	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE3	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE4	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE5	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE6	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE7	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE8	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE9	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
N_ATTRIBUTE10	NULL	NUMBER(30)	Descriptive flexfield segment– Used by WMS only
STATUS_ID	NULL	NUMBER(30)	Status Identifier – Used by WMS only
TIME_SINCE_NEW	NULL	NUMBER	Time Since New – Used by WMS only
CYCLES_SINCE_NEW	NULL	NUMBER	Cycles Since New – Used by WMS only
TIME_SINCE_OVERHAUL	NULL	NUMBER	Time Since Overhaul – Used by WMS only
CYCLES_SINCE_OVERHAUL	NULL	NUMBER	Cycles Since OverHaul – Used by WMS only
TIME_SINCE_REPAIR	NULL	NUMBER	Time Since Repair – Used by WMS only
CYCLES_SINCE_REPAIR	NULL	NUMBER	Cycles Since Repair – Used by WMS only
TIME_SINCE_VISIT	NULL	NUMBER	Time since last visit – Used by WMS only
CYCLES_SINCE_VISIT	NULL	NUMBER	Cycled Since last visit – Used by WMS only
TIME_SINCE_MARK	NULL	NUMBER	Time since last Mark – Used by WMS only
CYCLES_SINCE_MARK	NULL	NUMBER	Cycles since mark – Used by WMS only
NUMBER_OF_REPAIRS	NULL	NUMBER	Total Number of repairs – Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SERIAL_NUMBERS_TEMP_N1	NOT UNIQUE	1	TRANSACTION_TEMP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SHORT_CHK_PARAM

MTL_SHORT_CHK_PARAM holds the material shortage message parameters for each Inventory organization. These parameters are populated from the Shortage Parameters form.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CHECK_OE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CHECK_WIP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OE_NOTIF_ITEM_PLANNER_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OE_NOTIF_SO_CREATOR_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_CURR_OP_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_CURR_OP_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_EXCL_BULK_COMP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_EXCL_PULL_COMP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_EXCL_SUPPLIER_COMP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_HOLD_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_HOLD_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_NOTIF_ASS_PLANNER_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_NOTIF_COMP_BUYER_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	No
WIP_NOTIF_COMP_PLANNER_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_NOTIF_JOB_CREATOR_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_PREV_OP_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_PREV_OP_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_REL_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_REL_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_REQ_DATE_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_REQ_DATE_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_UNREL_JOBS_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_UNREL_REP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
CHECK_WIP_FLAG	NULL	NUMBER	Flag for specifying whether demand from WIP jobs and schedules should be considered when determining material shortages
CHECK_OE_FLAG	NULL	NUMBER	Flag for specifying whether demand from backorders should be considered when determining material shortages
WIP_REL_JOBS_FLAG	NULL	NUMBER	Flag indicating that released WIP jobs should be considered as demand when determining material shortages
WIP_DAYS_OVERDUE_REL_JOBS	NULL	NUMBER	Number of days overdue that a released job must be before it is considered demand

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
WIP_UNREL_JOBS_FLAG	NULL	NUMBER	Flag indicating that unreleased WIP jobs should be considered as demand when determining material shortages
WIP_DAYS_OVERDUE_UNREL_JOBS	NULL	NUMBER	Number of days overdue that an unreleased job must be before it is considered demand
WIP_HOLD_JOBS_FLAG	NULL	NUMBER	Flag indicating whether WIP jobs which are on hold should be considered as demand when determining material shortages
WIP_REL_REP_FLAG	NULL	NUMBER	Flag indicating that released WIP schedules should be considered as demand when determining material shortages
WIP_DAYS_OVERDUE_REL_REP	NULL	NUMBER	Number of days overdue that a released schedule must be before it is considered demand
WIP_UNREL_REP_FLAG	NULL	NUMBER	Flag indicating that unreleased WIP schedules should be considered as demand when determining material shortages
WIP_DAYS_OVERDUE_UNREL_REP	NULL	NUMBER	Number of days overdue that an unreleased schedule must be before it is considered demand
WIP_HOLD_REP_FLAG	NULL	NUMBER	Flag indicating whether WIP schedules which are on hold should be considered as demand when determining material shortages
WIP_REQ_DATE_JOBS_FLAG	NULL	NUMBER	Flag indicating that a WIP job is considered overdue if its required date has passed
WIP_CURR_OP_JOBS_FLAG	NULL	NUMBER	Flag indicating that a WIP job is considered overdue if its currently assigned operation is due
WIP_PREV_OP_JOBS_FLAG	NULL	NUMBER	Flag indicating that a WIP job is considered overdue if the operation before its currently assigned operation is due
WIP_REQ_DATE_REP_FLAG	NULL	NUMBER	Flag indicating that a WIP schedule is considered overdue if its required date has passed
WIP_CURR_OP_REP_FLAG	NULL	NUMBER	Flag indicating that a WIP schedule is considered overdue if its currently assigned operation is due
WIP_PREV_OP_REP_FLAG	NULL	NUMBER	Flag indicating that a WIP schedule is considered overdue if the operation before its currently assigned operation is due
WIP_EXCL_BULK_COMP_FLAG	NULL	NUMBER	Flag indicating whether bulk components for WIP jobs and schedules should be excluded when determining material shortages
WIP_EXCL_SUPPLIER_COMP_FLAG	NULL	NUMBER	Flag indicating whether supplier components for WIP jobs and schedules should be excluded when determining material shortages

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
WIP_EXCL_PULL_COMP_FLAG	NULL	NUMBER	Flag indicating whether supplier pull and operation pull components for WIP jobs and schedules should be excluded when determining material shortages
WIP_NOTIF_COMP_PLANNER_FLAG	NULL	NUMBER	Flag indicating whether the component planner for a short item should be notified if a receipt is performed for that item
WIP_NOTIF_ASS_PLANNER_FLAG	NULL	NUMBER	Flag indicating whether the assembly planner for a short item should be notified if a receipt is performed for that item
WIP_NOTIF_COMP_BUYER_FLAG	NULL	NUMBER	Flag indicating whether the component buyer for a short item should be notified if a receipt is performed for that item
WIP_NOTIF_JOB_CREATOR_FLAG	NULL	NUMBER	Flag indicating whether the job creator for a WIP job which has short items should be notified if a receipt is performed for one of the short items
OE_NOTIF_ITEM_PLANNER_FLAG	NULL	NUMBER	Flag indicating whether the item planner for an item which is on a backordered sales order should be notified if a receipt is performed for the item
OE_NOTIF_SO_CREATOR_FLAG	NULL	NUMBER	Flag indicating whether the order creator of a backordered sales order should be notified if a receipt is performed for a backordered item
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
WIP_NOTIFY_LIST	NULL	VARCHAR2(10)	Not currently used
WIP_NOTIFY_LIST_ID	NULL	NUMBER	Not currently used
OE_NOTIFY_LIST	NULL	VARCHAR2(10)	Not currently used

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
OE_NOTIFY_LIST_ID	NULL	NUMBER	Not currently used

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SHORT_CHK_PARAM_U1	UNIQUE	1	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SHORT_CHK_STATEMENTS

The MTL_SHORT_CHK_STATEMENTS table holds pre–generated SQL statements that are run when performing shortage checks for an organization. Each organization which has the Active Alerts and Notification Messages functionality enabled will have a summary and detail SQL statement stored in this table. The SQL statements are generated based on the shortage parameters which have been set up for the organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
DETAIL_SUM_FLAG	NOT NULL	NUMBER	Flag indicating that record contains detailed or summary statement
SHORT_STATEMENT	NOT NULL	LONG	SQL statement to use for shortage checks
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SHORT_CHK_STATEMENTS_U1	UNIQUE	1	ORGANIZATION_ID
		2	DETAIL_SUM_FLAG

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SHORT_CHK_TEMP

The MTL_SHORT_CHK_TEMP table is used to store the temporary results of material shortage queries. Each set of results is identified by a unique SEQ_NUM number. When the query results are no longer needed, the rows for that sequence number are purged from the table.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
SEQ_NUM (PK)	NOT NULL	NUMBER	Sequence number
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
QUANTITY_OPEN	NOT NULL	NUMBER	Open demand for item
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure for quantity
OBJECT_TYPE (PK)	NOT NULL	NUMBER	Type of demand
OBJECT_ID (PK)	NOT NULL	NUMBER	Demand source's header identifier
OBJECT_DETAIL_ID (PK)	NOT NULL	NUMBER	Demand source's line identifier (if applicable)
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SHORT_CHK_TEMP_N1	NOT UNIQUE	1	SEQ_NUM
MTL_SHORT_CHK_TEMP_N2	NOT UNIQUE	1	ORGANIZATION_ID
MTL_SHORT_CHK_TEMP_U1	UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	OBJECT_TYPE
		4	OBJECT_ID
		5	OBJECT_DETAIL_ID
		6	SEQ_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SO_RMA_INTERFACE

THIS TABLE IS OBSOLETE WITH THE NEW ORDER MANAGEMENT SYSTEM. IT IS USED ONLY FOR DATA MIGRATION FROM THIS TABLE TO THE NEW ORDER MANAGEMENT SYSTEM.

MTL_SO_RMA_INTERFACE is the interface table between Oracle Order Entry / Shipping and Oracle Inventory. When a customer decides to return some purchased items back to the supplier, a Return Material Authorization (RMA) is created in Order Entry. The RMA data is transferred from Order Entry to the interface table by a program which is run periodically. The data in this table is utilized by Oracle Inventory.

Three quantity related columns namely QUANTITY, RECEIVED_QUANTITY, DELIVERED_QUANTITY will at any time give you the total RMA quantity, total quantity received, and total units delivered into stores respectively. The INSPECTION_REQUIRED_FLAG determines whether the returned material requires to go through inspection. SALES_ORDER_ID is derived at the time of first receipt in Inventory.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
RMA_INTERFACE_ID (PK)	NOT NULL	NUMBER	RMA interface identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	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
RMA_ID	NOT NULL	NUMBER	RMA identifier
RMA_LINE_ID	NOT NULL	NUMBER	RMA line identifier
RMA_NUMBER	NOT NULL	NUMBER	RMA number
RMA_LINE_NUMBER	NOT NULL	NUMBER	Number for RMA lines
COMPONENT_SEQUENCE_ID	NOT NULL	NUMBER	Component unique identifier
RMA_TYPE	NOT NULL	VARCHAR2(30)	RMA type
SOURCE_CODE	NOT NULL	VARCHAR2(30)	Source code
SALES_ORDER_ID	NULL	NUMBER	Sales order identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
RETURN_TYPE_CODE	NULL	VARCHAR2(30)	Code identifying type of return
QUANTITY	NOT NULL	NUMBER	RMA line quantity
RECEIVED_QUANTITY	NOT NULL	NUMBER	Total quantity received –– into inventory or inspection
DELIVERED_QUANTITY	NOT NULL	NUMBER	Total quantity received into inventory
DISTRIBUTION_ACCOUNT_ID	NULL	NUMBER	Distribution account identifier
UNIT_CODE	NOT NULL	VARCHAR2(3)	Item unit of measure
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Inspection required flag
EXPECTED_RECEIPT_DATE	NULL	DATE	Expected receipt date
EXPECTED_SUBINVENTORY_NAME	NULL	VARCHAR2(10)	Subinventory to receive into
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for RMA item
INSPECTION_INSTRUCTIONS	NULL	VARCHAR2(240)	Inspection instructions
IN_USE_FLAG	NULL	VARCHAR2(1)	RMA line in–use flag
SERIAL_NUMBER_FLAG	NULL	VARCHAR2(1)	Serial number flag
CLOSED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether the RMA is closed
REQUIRED_FOR_REVENUE_FLAG	NULL	VARCHAR2(1)	Required for revenue flag.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SO_RMA_INTERFACE_N1	NOT UNIQUE	1	RMA_LINE_ID
MTL_SO_RMA_INTERFACE_N2	NOT UNIQUE	1	RMA_ID

Sequences

Sequence	Derived Column
MTL_SO_RMA_INTERFACE_S	RMA_INTERFACE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SO_RMA_RECEIPTS

THIS TABLE IS OBSOLETE WITH THE NEW ORDER MANAGEMENT SYSTEM. IT IS USED ONLY FOR DATA MIGRATION FROM THIS TABLE TO THE NEW ORDER MANAGEMENT SYSTEM.

MTL_SO_RMA_RECEIPTS has a row for each RMA transaction in Inventory. Each row is stamped with a RMA_RECEIPT_ID. Two columns (RECEIVED_QUANTITY and ACCEPTED_QUANTITY) will give the user the quantity movement information. Every receipt into inspection will have a positive quantity in RECEIVED_QUANTITY. A direct delivery into stores will have a positive quantity in RECEIVED_QUANTITY and ACCEPTED_QUANTITY. The movement of material from inspection to stores will have a positive quantity in ACCEPTED_QUANTITY. A return from inspection will have a negative value in RECEIVED_QUANTITY and a direct return from stores will have negative value in both RECEIVED_QUANTITY and ACCEPTED_QUANTITY. Oracle Order Entry / Shipping has a program which periodically picks up data from this table and updates their RMA tables.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
RMA_RECEIPT_ID (PK)	NOT NULL	NUMBER	RMA receipt 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
RMA_INTERFACE_ID	NOT NULL	NUMBER	RMA interface identifer
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
RECEIVED_QUANTITY	NOT NULL	NUMBER	Total quantity received -- into inventory or inspection
ACCEPTED_QUANTITY	NOT NULL	NUMBER	Total quantity received into inventory
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number for RMA item
UNIT_CODE	NOT NULL	VARCHAR2(3)	Item unit of measure
RECEIPT_DATE	NOT NULL	DATE	Receipt date
RETURN_SUBINVENTORY_NAME	NULL	VARCHAR2(10)	Name of return subinventory
INSPECTION_COMMENTS	NULL	VARCHAR2(240)	Inspection comments
CLOSED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether the RMA is closed

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SO_RMA_RECEIPTS_N1	NOT UNIQUE	1	RMA_INTERFACE_ID
MTL_SO_RMA_RECEIPTS_U1	UNIQUE	1	RMA_RECEIPT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_STATUS_ATTRIBUTE_VALUES

MTL_STATUS_ATTRIBUTE_VALUES stores the attributes values associated with an item status code. One record is created for each of the 'function enabling' attributes for each item status code that is defined. The function enabling attributes are: – Stockable – Transactable – Purchasable – Customer Order Enabled – Internal Order Enabled – Invoiceable – Build in WIP

The values stored in this table may be used to update item attribute values when the item's status attribute is changed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_ATTRIBUTES	ATTRIBUTE_NAME	ATTRIBUTE_NAME
MTL_ITEM_STATUS	INVENTORY_ITEM_STATUS_CODE	INVENTORY_ITEM_STATUS_CODE

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_STATUS_CODE (PK)	NOT NULL	VARCHAR2(10)	Item status code
ATTRIBUTE_NAME (PK)	NOT NULL	VARCHAR2(50)	Status attribute name
ATTRIBUTE_VALUE	NOT NULL	VARCHAR2(1)	Status attribute value
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_STATUS_ATTRIBUTE_VALUES_U1	UNIQUE	1	INVENTORY_ITEM_STATUS_CODE
		2	ATTRIBUTE_NAME

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_STATUS_TRANSACTION_CONTROL

MTL_STATUS_TRANSACTION_CONTROL stores the information on whether the status allows the transaction type or not.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_STATUSES_B	STATUS_ID	STATUS_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
STATUS_ID (PK)	NOT NULL	NUMBER	Status identifier
TRANSACTION_TYPE_ID (PK)	NOT NULL	NUMBER	Transaction type identifier
IS_ALLOWED	NOT NULL	NUMBER	indicates if the status allows the transaction type (1) or not (2)
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_STATUS_TRANSACT_CONTROL_U1	UNIQUE	1	STATUS_ID
		2	TRANSACTION_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_STAT_TYPE_USAGES

MTL_STAT_TYPE_USAGES stores information which determines the statistical type data that needs to be reported for each legal entity (I.E. Intrastat or Extrastat). This table could contain multiple statistical types for each legal entity and economic zone.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEGAL_ENTITY_ID
MTL_ECONOMIC_ZONES_B	ZONE_CODE	ZONE_CODE
MTL_MVT_STATS_RULE_SETS_B	RULE_SET_CODE	ATTRIBUTE_RULE_SET_CODE
MTL_MVT_STATS_RULE_SETS_B	RULE_SET_CODE	ALT_UOM_RULE_SET_CODE

Column Descriptions

Name	Null?	Type	Description
LEGAL_ENTITY_ID (PK)	NOT NULL	NUMBER	legal entity identifier
ZONE_CODE (PK)	NOT NULL	VARCHAR2(10)	zone code
STAT_TYPE (PK)	NOT NULL	VARCHAR2(30)	statistic type
USAGE_TYPE (PK)	NOT NULL	VARCHAR2(30)	usage type
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)	last update login
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	period set name
START_PERIOD_NAME	NOT NULL	VARCHAR2(15)	start period
END_PERIOD_NAME	NULL	VARCHAR2(15)	end period
PERIOD_TYPE	NOT NULL	VARCHAR2(15)	
WEIGHT_UOM_CODE	NOT NULL	VARCHAR2(3)	weight unit of measure code
ENTITY_BRANCH_REFERENCE	NOT NULL	VARCHAR2(240)	entity branch reference
CONVERSION_TYPE	NOT NULL	VARCHAR2(30)	conversion type
CONVERSION_OPTION	NOT NULL	VARCHAR2(30)	conversion option
CATEGORY_SET_ID	NOT NULL	NUMBER	category set identifier
TAX_OFFICE_CODE	NOT NULL	VARCHAR2(50)	tax office code
TAX_OFFICE_NAME	NOT NULL	VARCHAR2(240)	tax office name
TAX_OFFICE_LOCATION_ID	NOT NULL	NUMBER	tax office location identifier
ATTRIBUTE_RULE_SET_CODE	NOT NULL	VARCHAR2(30)	foreign key to mtl_mvt_stats_rule_sets
ALT_UOM_RULE_SET_CODE	NULL	VARCHAR2(30)	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_STAT_TYPE_USAGES_U1	UNIQUE	5	LEGAL_ENTITY_ID
		10	ZONE_CODE
		15	STAT_TYPE
		20	USAGE_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SUMMARY_TEMP

MTL_SUMMARY_TEMP serves as a temporary table for transaction summaries. Records are inserted into this table by a stored procedure on the server side.

SESSION_ID is obtained from the session of the user. SUMMARY_TYPE is used to identify the type of transaction inquiry for a session.

Column Descriptions

Name	Null?	Type	Description
SESSION_ID	NULL	NUMBER	SESSION_ID of the user session
SUMMARY_TYPE	NULL	VARCHAR2(40)	Identifier for type of query
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Locator id for stock locators
TRANSACTION_SOURCE_TYPE_NAME	NULL	VARCHAR2(30)	Transaction source type identifier
TRANSACTION_TYPE_NAME	NULL	VARCHAR2(30)	Transaction type identifier
TRANSACTION_ACTION_NAME	NULL	VARCHAR2(80)	Transaction action identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
NET_QTY	NULL	NUMBER	Net quantity of the transactions
NET_VAL	NULL	NUMBER	Net value of the transactions
NUM_TXNS	NULL	NUMBER	Number of transactions
ABS_QTY	NULL	NUMBER	Absolute quantity of the transactions
ABS_VAL	NULL	NUMBER	Absolute value of the transactions
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier – Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SUPPLY

MTL_SUPPLY stores incoming supply information for an organization. This table forms one of the sources in Inventory's Demand–Supply form. There are four different types of supply captured in this table:

1) Approved Requisitions

2) Approved Purchase orders

3) Shipments from suppliers

4) Intransit shipments from another organization

Types 3 and 4 could be distinguished by the presence of data in the INTRANSIT_OWNING_ORGANIZATION_ID column, which identifies the ownership of the items in intransit. If this column is null then it means that the shipment supply is from a Vendor.

This information is used by the available to promise routine to derive the ATP information as appropiate. Quantities of items in intransit are also kept track of in the table.

Records in MTL_SUPPLY are created every time you approve a requisition or a PO or create an intransit shipment. One record of REQ type will be created for one requisition line when the requisition is approved. One record of PO type will be created per PO distribution when a PO is approved and one record per shipment line will be created when a shipment is created.

Records in MTL_SUPPLY will be recreated whenever there are transactions such as return to receiving, return to vendor or cancellation of purchase orders.

Records in MTL_SUPPLY are deleted every time you change the document status to not approved. For example, a PO would require approval if you change the line and shipment quantity. If such a PO is re–approved then the PO supply will be recreated for the new quantity.

The supply type code of a REQ supply record is changed to PO every time a requisition is autocreated. Similarly the supply type code is changed from PO to RECEIVING when a PO is fully received. If a PO is partially received then a supply with the supply type code of RECEIVING will be created for the quantity received. When the receipt is delivered the RECEIVING supply is deleted. SHIPMENT supply works in the same way as PO supply.

There is a database trigger on MTL_SUPPLY with the name MTL_SUPPLY_T. This trigger fires on insert, update or deletion of

Oracle Proprietary, Confidential Information—Use Restricted by Contract

records in MTL_SUPPLY. It inserts records into MRP_RELIEF_INTERFACE table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_INTERORG_PARAMETERS	FROM_ORGANIZATION_ID TO_ORGANIZATION_ID	FROM_ORGANIZATION_ID TO_ORGANIZATION_ID
MTL_ITEM_LOCATIONS	ORGANIZATION_ID INVENTORY_LOCATION_ID	TO_ORGANIZATION_ID LOCATION_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	TO_ORGANIZATION_ID ITEM_ID ITEM_REVISION
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	INTRANSIT_OWNING_ORG_ID
MTL_PARAMETERS	ORGANIZATION_ID	MRP_TO_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	FROM_ORGANIZATION_ID FROM_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	TO_ORGANIZATION_ID TO_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	MRP_TO_ORGANIZATION_ID MRP_TO_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	TO_ORGANIZATION_ID ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	TO_ORG_PRIMARY_UOM
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	MRP_PRIMARY_UOM
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	PO_LINE_LOCATION_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQUISITION_HEADERS_ALL	REQUISITION_HEADER_ID	REQ_HEADER_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQ_LINE_ID
RCV_SHIPMENT_HEADERS	SHIPMENT_HEADER_ID	SHIPMENT_HEADER_ID
RCV_SHIPMENT_LINES	SHIPMENT_LINE_ID	SHIPMENT_LINE_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CHANGE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon delivery
MRP_DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	SHOP FLOOR	Goods are received into an outside operation upon delivery

Column Descriptions

Name	Null?	Type	Description
SUPPLY_TYPE_CODE (PK)	NOT NULL	VARCHAR2(25)	Supply type code
SUPPLY_SOURCE_ID (PK)	NOT NULL	NUMBER	REQ_HEADER_ID, PO_DISTRIBUTION_ID, SHIPMENT_LINE_ID or RCV_TRANSACTION_ID depending on SUPPLY_TYPE_CODE
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
REQ_HEADER_ID	NULL	NUMBER	Requistion header identifier
REQ_LINE_ID	NULL	NUMBER	Requistion line identifier
PO_HEADER_ID	NULL	NUMBER	Purchase order header identifier
PO_RELEASE_ID	NULL	NUMBER	Purchase order release identifier
PO_LINE_ID	NULL	NUMBER	Purchase order line identifier
PO_LINE_LOCATION_ID	NULL	NUMBER	Purchase order line location identifier
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase order distribution Identifier
SHIPMENT_HEADER_ID	NULL	NUMBER	Shipment header identifier
SHIPMENT_LINE_ID	NULL	NUMBER	Shipment line identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction identifier
ITEM_ID	NULL	NUMBER	Item identifier
ITEM_REVISION	NULL	VARCHAR2(3)	Inventory item revision
CATEGORY_ID	NULL	NUMBER	Item category identifier
QUANTITY	NOT NULL	NUMBER	Actual supply quantity
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Unit of measure for actual supply quantity
TO_ORG_PRIMARY_QUANTITY	NULL	NUMBER	Supply quantity in terms of primary unit of measure of item in destination organization
TO_ORG_PRIMARY_UOM	NULL	VARCHAR2(25)	Primary unit of measure of item in destination organization
RECEIPT_DATE	NULL	DATE	Expected or actual receipt date depending on supply type
NEED_BY_DATE	NULL	DATE	Original need by date
EXPECTED_DELIVERY_DATE	NULL	DATE	Expected delivery date (receipt Date + post–processing lead time for MFG)
DESTINATION_TYPE_CODE	NOT NULL	VARCHAR2(25)	Destination type (expense location, WIP jobs or inventory)
LOCATION_ID	NULL	NUMBER	Location identifier within receiving/inspection

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
FROM_ORGANIZATION_ID	NULL	NUMBER	Sending organization identifier for interorg shipment
FROM_SUBINVENTORY	NULL	VARCHAR2(10)	Sending subinventory for interorg shipment
TO_ORGANIZATION_ID	NULL	NUMBER	Destination organization identifier
TO_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory
INTRANSIT_OWNING_ORG_ID	NULL	NUMBER	Owner organization identifier for interorg shipment
MRP_PRIMARY_QUANTITY	NULL	NUMBER	MRP processed quantity in term of primary UOM of item in destination organization
MRP_PRIMARY_UOM	NULL	VARCHAR2(25)	MRP processed primary UOM of item in destination organization
MRP_EXPECTED_DELIVERY_DATE	NULL	DATE	MRP's current expected delivery date
MRP_DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	MRP's current destination type (Destination Type change between REQs and POs)
MRP_TO_ORGANIZATION_ID	NULL	NUMBER	MRP's current destination organization (destination org can be changed prior to receipt)
MRP_TO_SUBINVENTORY	NULL	VARCHAR2(10)	MRP's current destination subinventory (destination sub can be changed until a delivery is made)
CHANGE_FLAG	NULL	VARCHAR2(1)	Flag for marking records to be processed by Supply Update function
CHANGE_TYPE	NULL	VARCHAR2(25)	Change type to indicate changes to ignore for MRP
COST_GROUP_ID	NULL	NUMBER	Cost group id to which inventory belongs

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SUPPLY_N1	NOT UNIQUE	1	SUPPLY_SOURCE_ID
		2	SUPPLY_TYPE_CODE
MTL_SUPPLY_N10	NOT UNIQUE	1	CHANGE_FLAG
MTL_SUPPLY_N11	NOT UNIQUE	1	ITEM_ID
		2	TO_ORGANIZATION_ID
		3	SUPPLY_TYPE_CODE
		4	DESTINATION_TYPE_CODE
MTL_SUPPLY_N12	NOT UNIQUE	1	MRP_TO_ORGANIZATION_ID
		2	ITEM_ID
		3	SUPPLY_TYPE_CODE
		4	DESTINATION_TYPE_CODE
MTL_SUPPLY_N13	NOT UNIQUE	1	FROM_ORGANIZATION_ID
MTL_SUPPLY_N2	NOT UNIQUE	1	PO_DISTRIBUTION_ID
MTL_SUPPLY_N3	NOT UNIQUE	1	PO_LINE_LOCATION_ID
MTL_SUPPLY_N4	NOT UNIQUE	1	PO_LINE_ID
MTL_SUPPLY_N5	NOT UNIQUE	1	PO_HEADER_ID
MTL_SUPPLY_N6	NOT UNIQUE	1	PO_RELEASE_ID
MTL_SUPPLY_N7	NOT UNIQUE	1	REQ_HEADER_ID
MTL_SUPPLY_N8	NOT UNIQUE	1	REQ_LINE_ID
MTL_SUPPLY_N9	NOT UNIQUE	1	SHIPMENT_HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

This trigger inserts rows into MRP_RELIEF_INTERFACE table. This information is used by the planning manager to relieve MPS planned orders or provide feedback for MRP planned orders.
It fires on insert, update and delete of rows in MTL_SUPPLY.
A new row is inserted only if the columns EXPECTED_DELIVERY_DATE, ITEM_ID, TO_ORGANIZATION_ID, TO_ORG_PRIMARY_QUANTITY are not null.
The TRANSACTION_ID column in MRP_RELIEF_INTERFACE table is populated using the sequence MRP_RELIEF_INTERFACE_S.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SUPPLY_DEMAND_TEMP

MTL_SUPPLY_DEMAND_TEMP serves as a temporary table for ATP and supply / demand detail queries. SEQ_NUM is created by the routines to distinguish records from other queries. Furthermore, RECORD_TYPE is used to distinguish an ATP record from a supply / demand record for the same query (i.e., same SEQ_NUM). In an ATP query, both ATP and supply / demand records are populated into this table. Thus, when performing an ATP query, RECORD_TYPE is internally set as 'ATP' and D_COLUMNs and N_COLUMNs are generic column names for storing character, date and number information respectively.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
ORG_ORGANIZATION_DEFINITION_R9	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DISPOSITION_TYPE	MTL_DISPOSITION	MFG_LOOKUPS
	1	Purchase order
	2	Sales order
	3	Account number
	4	Job or schedule
	5	Job or schedule
	6	Account alias
SUPPLY_DEMAND_SOURCE_TYPE	MTL_SUPPLY_DEMAND_SOURCE_TYPE	MFG_LOOKUPS
	1	Purchase order
	10	Reserved account number
	11	Reserved account alias
	12	Intransit receipt
	13	Discrete MPS
	14	Repetitive MPS
	15	On–hand reservation
	16	User supply
	17	User demand
	18	PO requisition
	19	Reserved user source
	2	Sales order
	20	Internal requisition
	21	Internal order
	22	Reserved internal order
	24	WIP Work Order–less Completion
	3	Account number
	4	WIP repetitive schedule
	5	WIP discrete job
	6	Account alias
	7	WIP nonstandard job

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	8	On–hand quantity
	9	Reserved sales order

Column Descriptions

Name	Null?	Type	Description
SEQ_NUM	NOT NULL	NUMBER	Group sequence id created by supply/demand query routine
GROUP_ID	NULL	NUMBER	Contains the session id from supply demand or ATP query.
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
ROW_NUMBER	NULL	NUMBER	Row sequence number for the record
RECORD_TYPE	NULL	VARCHAR2(10)	Type to internally distinguish record between ATP and supply/demand queries
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ATP_PERIOD_TOTAL_SUPPLY	NULL	NUMBER	Total supply for an item in an ATP period
ATP_PERIOD_TOTAL_DEMAND	NULL	NUMBER	Total demand for an item in an ATP period
SUPPLY_DEMAND_SOURCE_TYPE	NULL	NUMBER	Supply/demand source code
SUPPLY_DEMAND_TYPE	NULL	NUMBER	1 – demand, 2 – supply
DISPOSITION_TYPE	NULL	NUMBER	Disposition type
DISPOSITION_ID	NULL	NUMBER	Disposition id
ATP	NULL	NUMBER	ATP quantity (available to promise quantity for an atp period)
QUANTITY	NULL	NUMBER	Supply/demand quantity
ON_HAND_QUANTITY	NULL	NUMBER	Projected on hand quantity based on accumulating supply and demand
ATP_PERIOD_START_DATE	NULL	DATE	Start date of an ATP period
ATP_PERIOD_END_DATE	NULL	DATE	End date of an ATP period
REQUIREMENT_DATE	NULL	DATE	Requirement date for a supply/demand
C_COLUMN1	NULL	VARCHAR2(240)	Source name from MTL_DEMAND, MTL_USER_DEMAND and MTL_USER_SUPPLY
C_COLUMN2	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN3	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN4	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN5	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN6	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN7	NULL	VARCHAR2(240)	Generic character query column
C_COLUMN8	NULL	VARCHAR2(240)	Generic character query column
N_COLUMN1	NULL	NUMBER	Generic numeric query column
N_COLUMN2	NULL	NUMBER	Generic numeric query column
N_COLUMN3	NULL	NUMBER	Generic numeric query column
N_COLUMN4	NULL	NUMBER	Generic numeric query column
N_COLUMN5	NULL	NUMBER	Generic numeric query column
D_COLUMN1	NULL	DATE	Generic date query column
D_COLUMN2	NULL	DATE	Generic date query column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
D_COLUMN3	NULL	DATE	Generic date query column
D_COLUMN4	NULL	DATE	Generic date query column
D_COLUMN5	NULL	DATE	Generic date query column
PERIOD_NET_AVAILABLE	NULL	NUMBER	ATP_PERIOD_TOTAL_SUPPLY – ATP_PERIOD_TOTAL_DEMAND, populated for Period ATP rows only
UOM_CODE	NULL	VARCHAR2(3)	The uom for the quantity.
RESOURCE_ID	NULL	NUMBER	Resource identifier
DEPARTMENT_ID	NULL	NUMBER	Department identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SUPPLY_DEMAND_TEMP_N1	NOT UNIQUE	1	SEQ_NUM
		2	INVENTORY_ITEM_ID
		3	RECORD_TYPE

Sequences

Sequence	Derived Column
MTL_SUPPLY_DEMAND_TEMP_S	SEQ_NUM

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
BULK_PICKED_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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
END_ASSEMBLY_PEGGING_FLAG	ASSEMBLY_PEGGING_CODE	FND_LOOKUPS
	A	Full Pegging
	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
FINANCING_ALLOWED_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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	Y	Yes
ITEM_TYPE	ITEM_TYPE	FND_COMMON_LOOKUPS
	AOC	ATO Option Class
	ATO	ATO Model
	BMW	BMW Type
	FG	Finished Good
	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
LOT_MERGE_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_SPLIT_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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
	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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
	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 re-stricted 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 quanti-ties
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
SERIAL_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SERVICEABLE_COMPONENT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
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
	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
DIMENSION_UOM_CODE	NULL	VARCHAR2(3)	Item dimensions unit of measure code
UNIT_LENGTH	NULL	NUMBER	Item length
UNIT_WIDTH	NULL	NUMBER	Item width
UNIT_HEIGHT	NULL	NUMBER	Item height
BULK_PICKED_FLAG	NULL	VARCHAR2(1)	Material pick method
LOT_STATUS_ENABLED	NULL	VARCHAR2(1)	Lot status enabled
DEFAULT_LOT_STATUS_ID	NULL	NUMBER	Default lot status
SERIAL_STATUS_ENABLED	NULL	VARCHAR2(1)	Serial status enabled
DEFAULT_SERIAL_STATUS_ID	NULL	NUMBER	Default serial status
LOT_SPLIT_ENABLED	NULL	VARCHAR2(1)	Lot split enabled
LOT_MERGE_ENABLED	NULL	VARCHAR2(1)	Lot merge enabled
INVENTORY_CARRY_PENALTY	NULL	NUMBER	Penalty incurred for holding this item inventory
OPERATION_SLACK_PENALTY	NULL	NUMBER	Penalty incurred for a time in between two operations
FINANCING_ALLOWED_FLAG	NULL	VARCHAR2(1)	Item is eligible for financing

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

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.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

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

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

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.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

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



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

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

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

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

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



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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SYSTEM_ITEMS_B_EFC

MTL_SYSTEM_ITEMS_B_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_SYSTEM_ITEMS_B prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory Item Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
LIST_PRICE_PER_UNIT	NULL	NUMBER	List Price Per Unit
ORDER_COST	NULL	NUMBER	Order Cost
MARKET_PRICE	NULL	NUMBER	Market Price
CARRYING_COST	NULL	NUMBER	Carrying Cost
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SYSTEM_ITEMS_INTERFACE

MTL_SYSTEM_ITEMS_INTERFACE temporarily stores the definitions for inventory items, engineering items and purchasing items before loading this information into Oracle Inventory.

This table contains user friendly columns which allow you to easily enter your data as well as their corresponding foreign keys. Oracle Inventory will default column values you do not enter, after performing the proper validation. For example, you enter the ORGANIZATION_CODE, and Oracle Inventory will fill in the corresponding ORGANIZATION_ID for you. It is strongly recommended that users enter the segment information for the item instead of the item number.

You can also specifiy a TEMPLATE_ID to copy item attributes from.

Also, if you enter REVISION, Oracle Inventory will insert a record into MTL_ITEM_REVISIONS for your item.

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
	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
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
BULK_PICKED_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
	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
COSTING_ENABLED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
COUPON_EXEMPT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
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	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
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
FINANCING_ALLOWED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
INDIVISIBLE_FLAG	YES_NO	FND_LOOKUPS
	N	No

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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
	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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
LOT_MERGE_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_SPLIT_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
LOT_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
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
	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
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
PROCESS_FLAG	BOM_INTERFACE_STATUS	MFG_LOOKUPS
	1	Awaiting validation
	2	Validation started
	3	Validation failed
	4	Validation succeeded
	5	Processing started
	6	Processing failed
	7	Processing succeeded
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
	2	Locators not restricted to pre–defined list
RESTRICT_SUBINVENTORIES_CODE	MTL_SUBINVENTORY_RESTRICTIONS	MFG_LOOKUPS

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	1	Subinventories restricted to pre–defined list
	2	Subinventories not re-stricted 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 quanti-ties
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
SERIAL_STATUS_ENABLED	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
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
RECEIPT_DAYS_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SUMMARY_FLAG	NULL	VARCHAR2(1)	Flexfield summary flag
ENABLED_FLAG	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
LONG_DESCRIPTION	NULL	VARCHAR2(4000)	Item Long Description
BUYER_ID	NULL	NUMBER	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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
PURCHASING_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating purchasing item
SHIPPABLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NULL	VARCHAR2(1)	Flag indicating internally orderable item
SERVICE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating service item
INVENTORY_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating inventory item
ENG_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating engineering item
INVENTORY_ASSET_FLAG	NULL	VARCHAR2(1)	Flag indicating item is an inventory asset
PURCHASING_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is purchasable
CUSTOMER_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is internally orderable
SO_TRANSACTIONS_FLAG	NULL	VARCHAR2(1)	Sales order transactions flag
MTL_TRANSACTIONS_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is transactable
STOCK_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item is stockable
BOM_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item may appear on a BOM
BUILD_IN_WIP_FLAG	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
CHECK_SHORTAGES_FLAG	NULL	VARCHAR2(1)	Flag indicating material shortages should be checked for this item
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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	Purchace 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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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 (y/n) for MRP
REPETITIVE_PLANNING_FLAG	NULL	VARCHAR2(1)	Flag indicating item to be planned as repetitive schedule
PLANNING_EXCEPTION_SET	NULL	VARCHAR2(10)	Exeption control set
BOM_ITEM_TYPE	NULL	NUMBER	Type of item
PICK_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether all shippable components should be picked
REPLENISH_TO_ORDER_FLAG	NULL	VARCHAR2(1)	Assemble to Order flag
BASE_ITEM_ID	NULL	NUMBER	Base item identifier
ATP_COMPONENTS_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item may have components requiring ATP check
ATP_FLAG	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
DEFAULT_INCLUDE_IN_ROLLUP_FLAG	NULL	VARCHAR2(1)	Default value for include in cost rollup (Y or N)
INVENTORY_ITEM_STATUS_CODE	NULL	VARCHAR2(10)	Material status code
INVENTORY_PLANNING_CODE	NULL	NUMBER	Inventory planning code
PLANNER_CODE	NULL	VARCHAR2(10)	Planner code

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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	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	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)	Indicates whether the 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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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	NULL	VARCHAR2(1)	Flag indicating item may appear on invoices
TAX_CODE	NULL	VARCHAR2(50)	Tax code
INVOICE_ENABLED_FLAG	NULL	VARCHAR2(1)	Indicates whether the item can be invoiced
MUST_USE_APPROVED_VENDOR_FLAG	NULL	VARCHAR2(1)	Flag indicating purchases restricted to approved supllier
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
OUTSIDE_OPERATION_FLAG	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	NULL	VARCHAR2(1)	Flag indicating cost information is maintained
CYCLE_COUNT_ENABLED_FLAG	NULL	VARCHAR2(1)	Flag indicating item may be cycle counted
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Demand source line – used for ATO
COPY_ITEM_ID	NULL	NUMBER	Inventory item identifier to copy attributes from
SET_ID	NULL	VARCHAR2(10)	Set identifier – used for ATO
REVISION	NULL	VARCHAR2(3)	Item revision
AUTO_CREATED_CONFIG_FLAG	NULL	VARCHAR2(1)	Flag indicating configuration item automatically created
ITEM_TYPE	NULL	VARCHAR2(30)	User–defined item type
MODEL_CONFIG_CLAUSE_NAME	NULL	VARCHAR2(10)	(not used for open interface)
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
DEMAND_SOURCE_TYPE	NULL	NUMBER	Demand source type – used for ATO
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Demand source header identifier – used for ATO
TRANSACTION_ID	NULL	NUMBER	Row identifier
PROCESS_FLAG	NULL	NUMBER	Row status

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name
ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments
COPY_ITEM_NUMBER	NULL	VARCHAR2(81)	Concatenated item segments of copied item
TEMPLATE_ID	NULL	NUMBER	Template identifier
TEMPLATE_NAME	NULL	VARCHAR2(30)	Template name
COPY_ORGANIZATION_ID	NULL	NUMBER	Organization identifier of copied item
COPY_ORGANIZATION_CODE	NULL	VARCHAR2(3)	Abbreviation of organization name of copied item
ATO_FORECAST_CONTROL	NULL	NUMBER	Type of forecast control for ATO
TRANSACTION_TYPE	NULL	VARCHAR2(10)	Transaction type
MATERIAL_COST	NULL	NUMBER	Material cost
MATERIAL_SUB_ELEM	NULL	VARCHAR2(10)	Material sub–element
MATERIAL_OH_RATE	NULL	NUMBER	Material overhead rate
MATERIAL_OH_SUB_ELEM	NULL	VARCHAR2(10)	Material overhead sub–element
MATERIAL_SUB_ELEM_ID	NULL	NUMBER	Material sub–element identifier
MATERIAL_OH_SUB_ELEM_ID	NULL	NUMBER	Material overhead sub–element identifier
RELEASE_TIME_FENCE_CODE	NULL	NUMBER	Release time fence code
RELEASE_TIME_FENCE_DAYS	NULL	NUMBER	Release time fence days
CONTAINER_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is a container. Used for shipping sales orders
VEHICLE_ITEM_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is a vehicle. 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 a container or vehicle should be used
CONTAINER_TYPE_CODE	NULL	VARCHAR2(30)	Container type code for container items. Container types are user definable
INTERNAL_VOLUME	NULL	NUMBER	Internal volume of container items. Used by Shipping to calculate container capacity restrictions
SET_PROCESS_ID	NOT NULL	NUMBER	Used when multiple Item Open Interface processes are run in parallel
WH_UPDATE_DATE	NULL	DATE	
PRODUCT_FAMILY_ITEM_ID	NULL	NUMBER	
PURCHASING_TAX_CODE	NULL	VARCHAR2(50)	
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	
EFFECTIVITY_CONTROL	NULL	NUMBER	Effectivity control code. Indicates if the item is under Date Effectivity or Model/Unit Number Effectivity control.
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Global descriptive flexfield structure defining column
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
OVER_SHIPMENT_TOLERANCE	NULL	NUMBER	Over shipment tolerance
UNDER_SHIPMENT_TOLERANCE	NULL	NUMBER	Under shipment tolerance
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)	
DEFECT_TRACKING_ON_FLAG	NULL	VARCHAR2(1)	
USAGE_ITEM_FLAG	NULL	VARCHAR2(1)	
EVENT_FLAG	NULL	VARCHAR2(1)	
ELECTRONIC_FLAG	NULL	VARCHAR2(1)	
DOWNLOADABLE_FLAG	NULL	VARCHAR2(1)	
VOL_DISCOUNT_EXEMPT_FLAG	NULL	VARCHAR2(1)	
COUPON_EXEMPT_FLAG	NULL	VARCHAR2(1)	
COMMS_NL_TRACKABLE_FLAG	NULL	VARCHAR2(1)	
ASSET_CREATION_CODE	NULL	VARCHAR2(30)	
COMMS_ACTIVATION_REQD_FLAG	NULL	VARCHAR2(1)	
ORDERABLE_ON_WEB_FLAG	NULL	VARCHAR2(1)	
BACK_ORDERABLE_FLAG	NULL	VARCHAR2(1)	
WEB_STATUS	NULL	VARCHAR2(30)	
INDIVISIBLE_FLAG	NULL	VARCHAR2(1)	
DIMENSION_UOM_CODE	NULL	VARCHAR2(3)	
UNIT_LENGTH	NULL	NUMBER	
UNIT_WIDTH	NULL	NUMBER	
UNIT_HEIGHT	NULL	NUMBER	
BULK_PICKED_FLAG	NULL	VARCHAR2(1)	
LOT_STATUS_ENABLED	NULL	VARCHAR2(1)	
DEFAULT_LOT_STATUS_ID	NULL	NUMBER	
SERIAL_STATUS_ENABLED	NULL	VARCHAR2(1)	
DEFAULT_SERIAL_STATUS_ID	NULL	NUMBER	
LOT_SPLIT_ENABLED	NULL	VARCHAR2(1)	
LOT_MERGE_ENABLED	NULL	VARCHAR2(1)	
INVENTORY_CARRY_PENALTY	NULL	NUMBER	Penalty incurred for holding this item inventory
OPERATION_SLACK_PENALTY	NULL	NUMBER	Penalty incurred for time in between two operations
FINANCING_ALLOWED_FLAG	NULL	VARCHAR2(1)	Item is eligible for financing

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SYSTEM_ITEMS_INTERFACE_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_INTERFACE_N2	NOT UNIQUE	1	ITEM_NUMBER
MTL_SYSTEM_ITEMS_INTERFACE_N3	NOT UNIQUE	1	SET_PROCESS_ID
MTL_SYSTEM_ITEMS_INTERFACE_N4	NOT UNIQUE	1	ORGANIZATION_ID
		2	SEGMENT1
MTL_SYSTEM_ITEMS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
MTL_SYSTEM_ITEMS_INTF_SETS_S	SET_PROCESS_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_SYSTEM_ITEMS_TL

MTL_SYSTEM_ITEMS_TL is a table holding translated Description column for Items.

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

Foreign Keys

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

Column Descriptions

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

Indexes

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

Database Triggers

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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TRANSACTIONS_INTERFACE

MTL_TRANSACTIONS_INTERFACE is the interface point between non– Inventory applications and the Inventory transaction module.

Transaction Manager concurrent program polls this table at a user–specified process interval, and submits the Transaction Workers to process them. Processing consists of data derivation, validation, and transfer of records from MTL_TRANSACTIONS_INTERFACE, MTL_TRANSACTION_LOTS_INTERFACE, and MTL_SERIAL_NUMBERS_INTERFACE into their respective TEMP tables, from where they are processed by the transaction processor.

MTL_TRANSACTIONS_INTERFACE follows the Inventory standard for interfacing flexfields. Any parameters which are represented by flexfields may be entered in the interface table either as code combination identifiers or as flexfield segment combinations. The Transaction Worker will validate that any given identifiers are valid and enabled. If no identifier is given, then the Transaction Worker will validate and decode the flexfield segment values, and where appropriate, create new flexfield combinations in the database.

The Transaction Manager picks up the rows to process based on the LOCK_FLAG, TRANSACTION_MODE, PROCESS_FLAG to manipulate the records in the table. Only records with TRANSACTION_MODE of 3, LOCK_FLAG of '2', and PROCESS_FLAG of '1' will be picked up by the Transaction Manager and assigned to a Transaction Worker. If a record fails to process completely, then PROCESS_FLAG will be set to '3' and ERROR_CODE and ERROR_EXPLANATION will be populated with the cause for the error.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISTRIBUTION_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_ACCOUNT
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	TRANSFER_LOCATOR TRANSFER_ORGANIZATION
MTL_ITEM_REVISIONS	REVISION	REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	TRANSFER_SUBINVENTORY TRANSFER_ORGANIZATION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID	ACCT_PERIOD_ID
PCH_RECEIVING_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID
WIP_FLOW_SCHEDULES	SCHEDULE_NUMBER ORGANIZATION_ID	SCHEDULE_NUMBER ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_REQUIREMENT_OPERATIONS	OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	OPERATION_SEQ_NUM SCHEDULE_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID	NULL	NUMBER	Transaction interface line identifier
TRANSACTION_HEADER_ID	NULL	NUMBER	Transaction group identifier and Workers, only user–specified values will be ignored
SOURCE_CODE	NOT NULL	VARCHAR2(30)	Transaction source identifier; Used for auditing and process control
SOURCE_LINE_ID	NOT NULL	NUMBER	Transaction source line identifier; Used for auditing only
SOURCE_HEADER_ID	NOT NULL	NUMBER	Transaction source group identifier; Used for process control by user–submitted Transaction Workers
PROCESS_FLAG	NOT NULL	NUMBER(1)	Flag indicating whether transaction is ready to be processed by the Transaction Manager or Worker (’1’ for ready, ’2’ for not ready); if the transaction fails for some reason, the Transaction Worker sets the value of PROCESS_FLAG to ’3’
VALIDATION_REQUIRED	NULL	NUMBER	Full validation required flag
TRANSACTION_MODE	NOT NULL	NUMBER	Code that indicates whether the transaction is to be processed in immediate concurrent processing mode (2) or background processing mode (3)
LOCK_FLAG	NULL	NUMBER(1)	Flag indicating whether the transaction is locked by the Transaction Manager or Workers (’1’ for locked, ’2’ or NULL for not locked); this prevents two different Workers from processing the same transaction; You should always specify ’2’
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
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item identifier
ITEM_SEGMENT1	NULL	VARCHAR2(40)	Inventory item segment identifier 1
ITEM_SEGMENT2	NULL	VARCHAR2(40)	Inventory item segment identifier 2
ITEM_SEGMENT3	NULL	VARCHAR2(40)	Inventory item segment identifier 3

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_SEGMENT4	NULL	VARCHAR2(40)	Inventory item segment identifier 4
ITEM_SEGMENT5	NULL	VARCHAR2(40)	Inventory item segment identifier 5
ITEM_SEGMENT6	NULL	VARCHAR2(40)	Inventory item segment identifier 6
ITEM_SEGMENT7	NULL	VARCHAR2(40)	Inventory item segment identifier 7
ITEM_SEGMENT8	NULL	VARCHAR2(40)	Inventory item segment identifier 8
ITEM_SEGMENT9	NULL	VARCHAR2(40)	Inventory item segment identifier 9
ITEM_SEGMENT10	NULL	VARCHAR2(40)	Inventory item segment identifier 10
ITEM_SEGMENT11	NULL	VARCHAR2(40)	Inventory item segment identifier 11
ITEM_SEGMENT12	NULL	VARCHAR2(40)	Inventory item segment identifier 12
ITEM_SEGMENT13	NULL	VARCHAR2(40)	Inventory item segment identifier 13
ITEM_SEGMENT14	NULL	VARCHAR2(40)	Inventory item segment identifier 14
ITEM_SEGMENT15	NULL	VARCHAR2(40)	Inventory item segment identifier 15
ITEM_SEGMENT16	NULL	VARCHAR2(40)	Inventory item segment identifier 16
ITEM_SEGMENT17	NULL	VARCHAR2(40)	Inventory item segment identifier 17
ITEM_SEGMENT18	NULL	VARCHAR2(40)	Inventory item segment identifier 18
ITEM_SEGMENT19	NULL	VARCHAR2(40)	Inventory item segment identifier 19
ITEM_SEGMENT20	NULL	VARCHAR2(40)	Inventory item segment identifier 20
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
PRIMARY_QUANTITY	NULL	NUMBER	Transaction quantity in primary unit of measure
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Transaction unit of measure
TRANSACTION_DATE	NOT NULL	DATE	Transaction date; No timestamp, will be truncated by Transaction Worker
ACCT_PERIOD_ID	NULL	NUMBER	Accounting period identifier; the Transaction Worker derives this information from the TRANSACTION_DATE column
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory name
LOCATOR_ID	NULL	NUMBER	Locator identifier; locator must be specified for items under locator control either by locator identifier, or by individual segment values
LOC_SEGMENT1	NULL	VARCHAR2(40)	Locator identifier 1
LOC_SEGMENT2	NULL	VARCHAR2(40)	Locator identifier 2
LOC_SEGMENT3	NULL	VARCHAR2(40)	Locator identifier 3
LOC_SEGMENT4	NULL	VARCHAR2(40)	Locator identifier 4
LOC_SEGMENT5	NULL	VARCHAR2(40)	Locator identifier 5
LOC_SEGMENT6	NULL	VARCHAR2(40)	Locator identifier 6
LOC_SEGMENT7	NULL	VARCHAR2(40)	Locator identifier 7

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LOC_SEGMENT8	NULL	VARCHAR2(40)	Locator identifier 8
LOC_SEGMENT9	NULL	VARCHAR2(40)	Locator identifier 9
LOC_SEGMENT10	NULL	VARCHAR2(40)	Locator identifier 10
LOC_SEGMENT11	NULL	VARCHAR2(40)	Locator identifier 11
LOC_SEGMENT12	NULL	VARCHAR2(40)	Locator identifier 12
LOC_SEGMENT13	NULL	VARCHAR2(40)	Locator identifier 13
LOC_SEGMENT14	NULL	VARCHAR2(40)	Locator identifier 14
LOC_SEGMENT15	NULL	VARCHAR2(40)	Locator identifier 15
LOC_SEGMENT16	NULL	VARCHAR2(40)	Locator identifier 16
LOC_SEGMENT17	NULL	VARCHAR2(40)	Locator identifier 17
LOC_SEGMENT18	NULL	VARCHAR2(40)	Locator identifier 18
LOC_SEGMENT19	NULL	VARCHAR2(40)	Locator identifier 19
LOC_SEGMENT20	NULL	VARCHAR2(40)	Locator identifier 20
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction source identifier
DSP_SEGMENT1	NULL	VARCHAR2(40)	Transaction source segment 1
DSP_SEGMENT2	NULL	VARCHAR2(40)	Transaction source segment 2
DSP_SEGMENT3	NULL	VARCHAR2(40)	Transaction source segment 3
DSP_SEGMENT4	NULL	VARCHAR2(40)	Transaction source segment 4
DSP_SEGMENT5	NULL	VARCHAR2(40)	Transaction source segment 5
DSP_SEGMENT6	NULL	VARCHAR2(40)	Transaction source segment 6
DSP_SEGMENT7	NULL	VARCHAR2(40)	Transaction source segment 7
DSP_SEGMENT8	NULL	VARCHAR2(40)	Transaction source segment 8
DSP_SEGMENT9	NULL	VARCHAR2(40)	Transaction source segment 9
DSP_SEGMENT10	NULL	VARCHAR2(40)	Transaction source segment 10
DSP_SEGMENT11	NULL	VARCHAR2(40)	Transaction source segment 11
DSP_SEGMENT12	NULL	VARCHAR2(40)	Transaction source segment 12
DSP_SEGMENT13	NULL	VARCHAR2(40)	Transaction source segment 13
DSP_SEGMENT14	NULL	VARCHAR2(40)	Transaction source segment 14
DSP_SEGMENT15	NULL	VARCHAR2(40)	Transaction source segment 15
DSP_SEGMENT16	NULL	VARCHAR2(40)	Transaction source segment 16
DSP_SEGMENT17	NULL	VARCHAR2(40)	Transaction source segment 17
DSP_SEGMENT18	NULL	VARCHAR2(40)	Transaction source segment 18
DSP_SEGMENT19	NULL	VARCHAR2(40)	Transaction source segment 19
DSP_SEGMENT20	NULL	VARCHAR2(40)	Transaction source segment 20
DSP_SEGMENT21	NULL	VARCHAR2(40)	Transaction source segment 21
DSP_SEGMENT22	NULL	VARCHAR2(40)	Transaction source segment 22
DSP_SEGMENT23	NULL	VARCHAR2(40)	Transaction source segment 23
DSP_SEGMENT24	NULL	VARCHAR2(40)	Transaction source segment 24
DSP_SEGMENT25	NULL	VARCHAR2(40)	Transaction source segment 25
DSP_SEGMENT26	NULL	VARCHAR2(40)	Transaction source segment 26
DSP_SEGMENT27	NULL	VARCHAR2(40)	Transaction source segment 27
DSP_SEGMENT28	NULL	VARCHAR2(40)	Transaction source segment 28
DSP_SEGMENT29	NULL	VARCHAR2(40)	Transaction source segment 29
DSP_SEGMENT30	NULL	VARCHAR2(40)	Transaction source segment 30
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(30)	Transaction source identifier
TRANSACTION_SOURCE_TYPE_ID	NULL	NUMBER	Transaction source type identifier
TRANSACTION_ACTION_ID	NULL	NUMBER	Transaction action identifier
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Transaction type identifier
REASON_ID	NULL	NUMBER	Transaction reason identifier
TRANSACTION_REFERENCE	NULL	VARCHAR2(240)	Transaction reference
TRANSACTION_COST	NULL	NUMBER	Transaction cost; this is a per–unit value
DISTRIBUTION_ACCOUNT_ID	NULL	NUMBER	GL code combination identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
DST_SEGMENT1	NULL	VARCHAR2(25)	Distribution account segment identifier 1
DST_SEGMENT2	NULL	VARCHAR2(25)	Distribution account segment identifier 2
DST_SEGMENT3	NULL	VARCHAR2(25)	Distribution account segment identifier 3
DST_SEGMENT4	NULL	VARCHAR2(25)	Distribution account segment identifier 4
DST_SEGMENT5	NULL	VARCHAR2(25)	Distribution account segment identifier 5
DST_SEGMENT6	NULL	VARCHAR2(25)	Distribution account segment identifier 6
DST_SEGMENT7	NULL	VARCHAR2(25)	Distribution account segment identifier 7
DST_SEGMENT8	NULL	VARCHAR2(25)	Distribution account segment identifier 8
DST_SEGMENT9	NULL	VARCHAR2(25)	Distribution account segment identifier 9
DST_SEGMENT10	NULL	VARCHAR2(25)	Distribution account segment identifier 10
DST_SEGMENT11	NULL	VARCHAR2(25)	Distribution account segment identifier 11
DST_SEGMENT12	NULL	VARCHAR2(25)	Distribution account segment identifier 12
DST_SEGMENT13	NULL	VARCHAR2(25)	Distribution account segment identifier 13
DST_SEGMENT14	NULL	VARCHAR2(25)	Distribution account segment identifier 14
DST_SEGMENT15	NULL	VARCHAR2(25)	Distribution account segment identifier 15
DST_SEGMENT16	NULL	VARCHAR2(25)	Distribution account segment identifier 16
DST_SEGMENT17	NULL	VARCHAR2(25)	Distribution account segment identifier 17
DST_SEGMENT18	NULL	VARCHAR2(25)	Distribution account segment identifier 18
DST_SEGMENT19	NULL	VARCHAR2(25)	Distribution account segment identifier 19
DST_SEGMENT20	NULL	VARCHAR2(25)	Distribution account segment identifier 20
DST_SEGMENT21	NULL	VARCHAR2(25)	Distribution account segment identifier 21
DST_SEGMENT22	NULL	VARCHAR2(25)	Distribution account segment identifier 22
DST_SEGMENT23	NULL	VARCHAR2(25)	Distribution account segment identifier 23
DST_SEGMENT24	NULL	VARCHAR2(25)	Distribution account segment identifier 24
DST_SEGMENT25	NULL	VARCHAR2(25)	Distribution account segment identifier 25
DST_SEGMENT26	NULL	VARCHAR2(25)	Distribution account segment identifier 26
DST_SEGMENT27	NULL	VARCHAR2(25)	Distribution account segment identifier 27
DST_SEGMENT28	NULL	VARCHAR2(25)	Distribution account segment identifier 28
DST_SEGMENT29	NULL	VARCHAR2(25)	Distribution account segment identifier 29
DST_SEGMENT30	NULL	VARCHAR2(25)	Distribution account segment identifier 30
REQUISITION_LINE_ID	NULL	NUMBER	Requisition line identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CURRENCY_CODE	NULL	VARCHAR2(30)	Currency code
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	USSGL transaction code
WIP_ENTITY_TYPE	NULL	NUMBER	WIP entity type
SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
EMPLOYEE_CODE	NULL	VARCHAR2(10)	Employee code
DEPARTMENT_ID	NULL	NUMBER	WIP department code
SCHEDULE_UPDATE_CODE	NULL	NUMBER	Code indicating whether or not to update the Master Production Schedule
SETUP_TEARDOWN_CODE	NULL	NUMBER	
PRIMARY_SWITCH	NULL	NUMBER	Flag indicating whether inventory item is a primary assembly for WIP (1 for primary assembly, null otherwise)
MRP_CODE	NULL	NUMBER	Code indicating whether MRP should be relieved for WIP
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
REPETITIVE_LINE_ID	NULL	NUMBER	Repetitive line identifier
PICKING_LINE_ID	NULL	NUMBER	Reservation picking line identifier
TRX_SOURCE_LINE_ID	NULL	NUMBER	Line identifier for sales orders
TRX_SOURCE_DELIVERY_ID	NULL	NUMBER	Delivery identifier for sales orders
DEMAND_ID	NULL	NUMBER	Demand identifier
CUSTOMER_SHIP_ID	NULL	NUMBER	Customer ship–to address identifier for sales orders
LINE_ITEM_NUM	NULL	NUMBER	Line item number for purchase orders
RECEIVING_DOCUMENT	NULL	VARCHAR2(10)	Receiving document identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction identifier; Not currently used
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship to location identifier
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account identifier
ENCUMBRANCE_AMOUNT	NULL	NUMBER	Encumbrance amount
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	Supplier lot number
TRANSFER_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory name for a transfer transaction
TRANSFER_ORGANIZATION	NULL	NUMBER	Destination organization identifier for transfer transactions
TRANSFER_LOCATOR	NULL	NUMBER	Destination locator identifier for transfer transactions; transfer to location must be specified for inventory items under location control either by transfer to location identifier, or by individual segment values
XFER_LOC_SEGMENT1	NULL	VARCHAR2(40)	Transfer locator segment identifier 1
XFER_LOC_SEGMENT2	NULL	VARCHAR2(40)	Transfer locator segment identifier 2
XFER_LOC_SEGMENT3	NULL	VARCHAR2(40)	Transfer locator segment identifier 3

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
XFER_LOC_SEGMENT4	NULL	VARCHAR2(40)	Transfer locator segment identifier 4
XFER_LOC_SEGMENT5	NULL	VARCHAR2(40)	Transfer locator segment identifier 5
XFER_LOC_SEGMENT6	NULL	VARCHAR2(40)	Transfer locator segment identifier 6
XFER_LOC_SEGMENT7	NULL	VARCHAR2(40)	Transfer locator segment identifier 7
XFER_LOC_SEGMENT8	NULL	VARCHAR2(40)	Transfer locator segment identifier 8
XFER_LOC_SEGMENT9	NULL	VARCHAR2(40)	Transfer locator segment identifier 9
XFER_LOC_SEGMENT10	NULL	VARCHAR2(40)	Transfer locator segment identifier 10
XFER_LOC_SEGMENT11	NULL	VARCHAR2(40)	Transfer locator segment identifier 11
XFER_LOC_SEGMENT12	NULL	VARCHAR2(40)	Transfer locator segment identifier 12
XFER_LOC_SEGMENT13	NULL	VARCHAR2(40)	Transfer locator segment identifier 13
XFER_LOC_SEGMENT14	NULL	VARCHAR2(40)	Transfer locator segment identifier 14
XFER_LOC_SEGMENT15	NULL	VARCHAR2(40)	Transfer locator segment identifier 15
XFER_LOC_SEGMENT16	NULL	VARCHAR2(40)	Transfer locator segment identifier 16
XFER_LOC_SEGMENT17	NULL	VARCHAR2(40)	Transfer locator segment identifier 17
XFER_LOC_SEGMENT18	NULL	VARCHAR2(40)	Transfer locator segment identifier 18
XFER_LOC_SEGMENT19	NULL	VARCHAR2(40)	Transfer locator segment identifier 19
XFER_LOC_SEGMENT20	NULL	VARCHAR2(40)	Transfer locator segment identifier 20
SHIPMENT_NUMBER	NULL	VARCHAR2(30)	Shipment number identifier
TRANSPORTATION_COST	NULL	NUMBER	Transportation cost; per–transaction value
TRANSPORTATION_ACCOUNT	NULL	NUMBER	Transportation account identifier
TRANSFER_COST	NULL	NUMBER	Transfer cost; per–transaction value
FREIGHT_CODE	NULL	VARCHAR2(25)	Freight identifier
CONTAINERS	NULL	NUMBER	Number of containers
WAYBILL_AIRBILL	NULL	VARCHAR2(20)	Waybill/airbill identifier
EXPECTED_ARRIVAL_DATE	NULL	DATE	Expected arrival date; truncated, no timestamp
NEW_AVERAGE_COST	NULL	NUMBER	New average cost used for average cost update
VALUE_CHANGE	NULL	NUMBER	Value change used for average cost update
PERCENTAGE_CHANGE	NULL	NUMBER	Percentage change for average cost update
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Demand source header identifier
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Demand source line identifier
DEMAND_SOURCE_DELIVERY	NULL	VARCHAR2(30)	Demand source delivery identifier
NEGATIVE_REQ_FLAG	NULL	NUMBER	Negative requirement flag
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation
SHIPPABLE_FLAG	NULL	VARCHAR2(1)	Item shippable flag
ERROR_CODE	NULL	VARCHAR2(240)	Error code

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REQUIRED_FLAG	NULL	VARCHAR2(1)	Required flag
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
REQUISITION_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution identifier
MOVEMENT_ID	NULL	NUMBER	Movement statistics cross reference
RESERVATION_QUANTITY	NULL	NUMBER	Reservation quantity
SHIPPED_QUANTITY	NULL	NUMBER	Shipped quantity
INVENTORY_ITEM	NULL	VARCHAR2(2000)	Concatenated inventory item number used for shipping transactions interface
LOCATOR_NAME	NULL	VARCHAR2(2000)	Concatenated inventory locator name for shipping transactions interface
TASK_ID	NULL	NUMBER(15)	Task identifier
TO_TASK_ID	NULL	NUMBER(15)	”To” task identifier
SOURCE_TASK_ID	NULL	NUMBER	Source task identifier
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TO_PROJECT_ID	NULL	NUMBER(15)	”To” Project identifier
SOURCE_PROJECT_ID	NULL	NUMBER	Source project identifier
PA_EXPENDITURE_ORG_ID	NULL	NUMBER	Oracle Projects related expenditure organization identifier
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Oracle Projects related expenditure type
FINAL_COMPLETION_FLAG	NULL	VARCHAR2(1)	Indicates if job costs must be flushed out for this Job completion.
TRANSFER_PERCENTAGE	NULL	NUMBER	Indicates the percentage of value to be attributed to transfer costs in an inter–org transfer.
TRANSACTION_SEQUENCE_ID	NULL	NUMBER	Transaction sequence identifier (currently not used)
MATERIAL_ACCOUNT	NULL	NUMBER	Specifies the material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Specifies the resource account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Specifies the account to be charged for outside processing
OVERHEAD_ACCOUNT	NULL	NUMBER	Specifies the overhead account

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
BOM_REVISION	NULL	VARCHAR2(3)	Item revision used for getting the bill information while backflushing the flow schedule
ROUTING_REVISION	NULL	VARCHAR2(3)	Routing revision used for getting the routing information while charging the flow schedule
BOM_REVISION_DATE	NULL	DATE	Date of inventory item revision used for exploding the bill for the flow schedule
ROUTING_REVISION_DATE	NULL	DATE	Date of item routing revision used for exploding the routing for the flow schedule
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate BOM designator
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate Routing designator
ACCOUNTING_CLASS	NULL	VARCHAR2(10)	Accounting class to be used for the flow schedule
DEMAND_CLASS	NULL	VARCHAR2(30)	The class to which the demand is tied
PARENT_ID	NULL	NUMBER	In substitution records for flow schedules, specifies the parent completion records transaction interface id
SUBSTITUTION_TYPE_ID	NULL	NUMBER	Identifies the kind of substitution allowed
SUBSTITUTION_ITEM_ID	NULL	NUMBER	The substitution item's inventory Item ID
SCHEDULE_GROUP	NULL	NUMBER	Specifies schedule group (used for flow manufacturing)
BUILD_SEQUENCE	NULL	NUMBER	Specifies the sequence to be built (used for flow manufacturing)
SCHEDULE_NUMBER	NULL	VARCHAR2(30)	Flow schedule number
SCHEDULED_FLAG	NULL	NUMBER	Specifies whether flow schedule is scheduled or not
FLOW_SCHEDULE	NULL	VARCHAR2(1)	Specifies whether the WIP transaction is a flow or schedule type transaction
COST_GROUP_ID	NULL	NUMBER	Cost group identifier – Used by WMS only
TRANSFER_COST_GROUP_ID	NULL	NUMBER	Transfer Cost Group Identifier
KANBAN_CARD_ID	NULL	NUMBER	
QA_COLLECTION_ID	NULL	NUMBER	QA Results Identifier
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion transaction quantity
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion Primary Quantity
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(60)	End Item Unit Number
SCHEDULED_PAYBACK_DATE	NULL	DATE	Standard Who column
ORG_COST_GROUP_ID	NULL	NUMBER	
COST_TYPE_ID	NULL	NUMBER	
LPN_ID	NULL	NUMBER	License Plate Number Identifier
TRANSFER_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier
CONTENT_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTIONS_INTERFACE_N1	NOT UNIQUE	1	TRANSACTION_HEADER_ID
MTL_TRANSACTIONS_INTERFACE_N2	NOT UNIQUE	1	PARENT_ID
MTL_TRANSACTIONS_INTERFACE_N3	NOT UNIQUE	10	PICKING_LINE_ID
MTL_TRANSACTIONS_INTERFACE_U1	UNIQUE	1	TRANSACTION_INTERFACE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TRANSACTION_ACCOUNTS

MTL_TRANSACTION_ACCOUNTS holds the accounting information for each material transaction in MTL_MATERIAL_TRANSACTIONS. Oracle Inventory uses this information to track the financial impact of your quantity moves.

The two tables are joined by the TRANSACTION_ID, and in most instances, there are at least two account rows for every material transaction. For some transactions, such as expense items or expense subinventories, you may not have any accounting. You should not join these two tables by ORGANIZATION_ID because inter–organizations transfers occur across organizations.

Each row in this table represents a debit or credit accounting entry, and the sum of all rows for a given transaction identifier should be zero. Each row includes the account, transaction date, transaction value, purpose (ACCOUNTING_LINE_TYPE), and the source of the charges (TRANSACTION_SOURCE_TYPE_ID).

The TRANSACTION_VALUES and BASE_TRANSACTION_VALUES are transferred to the GL_INTERFACE_TABLE through the period close or GL transfer process, and until this process is run, the GL_BATCH_ID is –1.

The index MTL_TRANSACTION_ACCOUNTS_N2 is used only during install and upgrade, and will be dropped during the course thereof, but is included here for completeness. The index is named such to coincide with the equivalent index in R9.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	REFERENCE_ACCOUNT
GL_ENCUMBRANCE_TYPES	ENCUMBRANCE_TYPE_ID	ENCUMBRANCE_TYPE_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
ORG_GL_BATCHES	GL_BATCH_ID ORGANIZATION_ID	GL_BATCH_ID ORGANIZATION_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCOUNTING_LINE_TYPE	CST_ACCOUNTING_LINE_TYPE 1	MFG_LOOKUPS Inv valuation

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	10	Inter–org receivables
	11	Inter–org transfer credit
	12	Inter–org freight charge
	13	Average cost variance
	14	Intransit Inventory
	15	Encumbrance Reversal
	2	Account
	3	Overhead absorption
	4	Resource absorption
	5	Receiving Inspection
	6	Purchase price variance or rate variance
	7	WIP valuation
	8	WIP variance
	9	Inter–org payables
	99	Unknown
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NULL	NUMBER	Transaction identifier
REFERENCE_ACCOUNT	NULL	NUMBER	Transaction distribution account
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
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
TRANSACTION_SOURCE_ID	NOT NULL	NUMBER	Transaction source identifier
TRANSACTION_SOURCE_TYPE_ID	NULL	NUMBER	Transaction source type identifer
TRANSACTION_VALUE	NULL	NUMBER	Accounting value in the transaction currency (null for base currency transactions)
PRIMARY_QUANTITY	NULL	NUMBER	Transaction quantity in primary UOM of the item
GL_BATCH_ID	NOT NULL	NUMBER	Batch identifier for all downloaded transaction journal entries (set to –1 if not yet transferred)
ACCOUNTING_LINE_TYPE	NOT NULL	NUMBER	Purpose or description for the accounting entry
BASE_TRANSACTION_VALUE	NOT NULL	NUMBER	Accounting value in the base currency
CONTRA_SET_ID	NOT NULL	NUMBER	Offset account identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
RATE_OR_AMOUNT	NULL	NUMBER	Material or material overhead rate/amount (depending on cost element id)
BASIS_TYPE	NULL	NUMBER	Basis for charging the material or material overhead value
RESOURCE_ID	NULL	NUMBER	Resource or sub–element identifier
COST_ELEMENT_ID	NULL	NUMBER	Cost element identifer
ACTIVITY_ID	NULL	NUMBER	Activity identifier
CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code used in the transaction
CURRENCY_CONVERSION_DATE	NULL	DATE	Date of the currency conversion
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type used for the transaction
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate used for the transaction
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
ENCUMBRANCE_TYPE_ID	NULL	NUMBER	Encumbrance type identifier
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	Repetitive schedule identifier
GL_SL_LINK_ID	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_ACCOUNTS_N1	NOT UNIQUE	1	TRANSACTION_ID
MTL_TRANSACTION_ACCOUNTS_N2	NOT UNIQUE	1	TRANSACTION_DATE
MTL_TRANSACTION_ACCOUNTS_N3	NOT UNIQUE	1	REFERENCE_ACCOUNT
MTL_TRANSACTION_ACCOUNTS_N4	NOT UNIQUE	1	GL_BATCH_ID
		3	ORGANIZATION_ID
		5	TRANSACTION_DATE
MTL_TRANSACTION_ACCOUNTS_N5	NOT UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID
		2	TRANSACTION_DATE
MTL_TRANSACTION_ACCOUNTS_N6	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
		3	TRANSACTION_SOURCE_TYPE_ID

Database Triggers

```
Trigger Name    : AX_MTL_TRANS_ACCOUNTS_BRI1
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : INSERT
```

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger prevents an inventory transaction from being posted twice to GL, once in Global Accounting Engine and again by Oracle Inventory.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TRANSACTION_ACCOUNTS_EFC

MTL_TRANSACTION_ACCOUNTS_EFC is used exclusively as an archive table for the ”Euro as a functional currency” project. It mirrors the table MTL_TRANSACTION_ACCOUNTS prior to conversion to the euro currency.

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NULL	NUMBER	Transaction Identifier
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency Conversion Rate
REFERENCE_ACCOUNT	NULL	NUMBER	Reference Account
BASE_TRANSACTION_VALUE	NOT NULL	NUMBER	Base Transaction Value
RATE_OR_AMOUNT	NULL	NUMBER	Rate Or Amount
SET_OF_BOOKS_ID	NULL	NUMBER	Set Of Books Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TRANSACTION_LOTS_INTERFACE

MTL_TRANSACTION_LOTS_INTERFACE is the interface analogy of MTL_TRANSACTION_LOTS_TEMP.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SERIAL_NUMBERS_INTERFACE	TRANSACTION_INTERFACE_ID	SERIAL_TRANSACTION_TEMP_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID (PK)	NOT NULL	NUMBER	Transaction identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Source identifier
SOURCE_LINE_ID	NULL	NUMBER	Source line 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
LOT_NUMBER	NOT NULL	VARCHAR2(30)	Lot number
LOT_EXPIRATION_DATE	NULL	DATE	Expiration date
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction Quantity
PRIMARY_QUANTITY	NULL	NUMBER	Quantity
SERIAL_TRANSACTION_TEMP_ID	NULL	NUMBER	Serial transaction identifier
ERROR_CODE	NULL	VARCHAR2(240)	Error code
PROCESS_FLAG	NULL	VARCHAR2(1)	Row Process Flag (Not used currently)
DESCRIPTION	NULL	VARCHAR2(256)	– Used By WMS Only
VENDOR_ID	NULL	NUMBER	Identification for Vendor– Used By WMS Only
SUPPLIER_LOT_NUMBER	NULL	VARCHAR2(150)	Supplier Lot Number– Used By WMS Only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for country of Origin
ORIGINATION_DATE	NULL	DATE	Origination date of the lot– Used By WMS Only
DATE_CODE	NULL	VARCHAR2(150)	A code identifying the date of packaging or assembly– Used By WMS Only
GRADE_CODE	NULL	VARCHAR2(150)	The sublabeling of items, lots and sublots to identify their particular makeup and to separate one lot from other production lots of the same item .– Used By WMS Only
CHANGE_DATE	NULL	DATE	A user entered attribute that defines the date on which an attribute of the lot or sublot was last changed.– Used By WMS Only
MATURITY_DATE	NULL	DATE	The date on which the lot matures– Used By WMS Only
STATUS_ID	NULL	NUMBER	Identifier for the status of lot – Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
RETEST_DATE	NULL	DATE	Restest Date– Used By WMS Only
AGE	NULL	NUMBER	The age of the lot or sublot in days after the creation date.– Used By WMS Only
ITEM_SIZE	NULL	NUMBER	Item size– Used By WMS Only
COLOR	NULL	VARCHAR2(150)	Color– Used By WMS Only
VOLUME	NULL	NUMBER	volume– Used By WMS Only
VOLUME_UOM	NULL	VARCHAR2(3)	UOM for measuring Volume– Used By WMS Only
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	A value indicating the place the inventory originated– Used By WMS Only
BEST_BY_DATE	NULL	DATE	The date on or before which the lot or sublot is best used– Used By WMS Only
LENGTH	NULL	NUMBER	length– Used By WMS Only
LENGTH_UOM	NULL	VARCHAR2(3)	UOM to measure lenght– Used By WMS Only
RECYCLED_CONTENT	NULL	NUMBER	The content, usually expressed as a percentage, of the product that is made up of recycled materials– Used By WMS Only
THICKNESS	NULL	NUMBER	Thickness– Used By WMS Only
THICKNESS_UOM	NULL	VARCHAR2(3)	UOM to measure thickness– Used By WMS Only
WIDTH	NULL	NUMBER	width– Used By WMS Only
WIDTH_UOM	NULL	VARCHAR2(3)	UOM to measure width– Used By WMS Only
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	This attribute is used in the pulp and paper industry to identify potential problems when feeding the paper through machinery.– Used By WMS Only
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Lot attributes descriptive flexfield structure defining column– Used By WMS Only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE1	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE2	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE3	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE4	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE5	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE6	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE7	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE8	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE9	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
D_ATTRIBUTE10	NULL	DATE	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive flexfield segment– Used By WMS Only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_LOTS_INT_N1	NOT UNIQUE	1	TRANSACTION_INTERFACE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TRANSACTION_LOTS_TEMP

MTL_TRANSACTION_LOTS_TEMP stores lot number information for transactions in the MTL_MATERIAL_TRANSACTIONS_TEMP table.

Many lot number records may be specified for a given transaction record. TRANSACTION_TEMP_ID joins to TRANSACTION_TEMP_ID in MTL_MATERIAL_TRANSACTIONS_TEMP. SERIAL_TRANSACTION_TEMP_ID joins to TRANSACTION_TEMP_ID in MTL_SERIAL_NUMBERS_TEMP when also under serial control

It is possible to have child records in this table without a parent record due to the autocommit feature of the Lot Entry window. Periodic deletion of irrelevant data from this table is desired.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_MATERIAL_TRANSACTIONS_TEMP	TRANSACTION_TEMP_ID	TRANSACTION_TEMP_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_TEMP_ID	NOT NULL	NUMBER	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
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
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction Quantity, in the userr's preferred unit of measure
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity, in the item's primary unit of measure
LOT_NUMBER	NOT NULL	VARCHAR2(30)	Transaction lot number
LOT_EXPIRATION_DATE	NULL	DATE	Lot expiration date
ERROR_CODE	NULL	VARCHAR2(240)	Lot number transaction error code
SERIAL_TRANSACTION_TEMP_ID	NULL	NUMBER	connects the corresponding rows in MTL_SERIAL_NUMBERS_TEMP to this table through the TRANSACTION_TEMP_ID
GROUP_HEADER_ID	NULL	NUMBER	Group identifier
PUT_AWAY_RULE_ID	NULL	NUMBER	
PICK_RULE_ID	NULL	NUMBER	
DESCRIPTION	NULL	VARCHAR2(256)	– Used By WMS Only
VENDOR_ID	NULL	NUMBER	Identification for Vendor– Used By WMS Only
SUPPLIER_LOT_NUMBER	NULL	VARCHAR2(150)	SUPPLIER LOT NUMBER– Used By WMS Only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory Code for Country of Origin

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ORIGINATION_DATE	NULL	DATE	Originaion Code– Used By WMS Only
DATE_CODE	NULL	VARCHAR2(150)	Date Code– Used By WMS Only
GRADE_CODE	NULL	VARCHAR2(150)	Grade Code– Used By WMS Only
CHANGE_DATE	NULL	DATE	Change Date– Used By WMS Only
MATURITY_DATE	NULL	DATE	Maturity Date– Used By WMS Only
STATUS_ID	NULL	NUMBER	Status Identifier – Used by WMS only
RETEST_DATE	NULL	DATE	Retest Date– Used By WMS Only
AGE	NULL	NUMBER	Age– Used By WMS Only
ITEM_SIZE	NULL	NUMBER	Item Size– Used By WMS Only
COLOR	NULL	VARCHAR2(150)	Color– Used By WMS Only
VOLUME	NULL	NUMBER	Volume– Used By WMS Only
VOLUME_UOM	NULL	VARCHAR2(3)	Volume UOM– Used By WMS Only
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	Place of Origin– Used By WMS Only
BEST_BY_DATE	NULL	DATE	Best By Date– Used By WMS Only
LENGTH	NULL	NUMBER	Length– Used By WMS Only
LENGTH_UOM	NULL	VARCHAR2(3)	Length UOM– Used By WMS Only
RECYCLED_CONTENT	NULL	NUMBER	Recycled Content– Used By WMS Only
THICKNESS	NULL	NUMBER	Thickness– Used By WMS Only
THICKNESS_UOM	NULL	VARCHAR2(3)	Thickness UOM– Used By WMS Only
WIDTH	NULL	NUMBER	Width– Used By WMS Only
WIDTH_UOM	NULL	VARCHAR2(3)	Width UOM– Used By WMS Only
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	Curl Wrinkle Fold– Used By WMS Only
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Lot Attribute Category– Used By WMS Only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE1	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE2	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE3	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE4	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE5	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE6	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE7	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE8	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE9	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE10	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
VENDOR_NAME	NULL	VARCHAR2(240)	Vendor Name– Used By WMS Only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_LOTS_TEMP_N1	NOT UNIQUE	1	TRANSACTION_TEMP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
MTL_LOT_NUMERIC_SUFFIX_S	LOT_NUMBER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TRANSACTION_LOT_NUMBERS

MTL_TRANSACTION_LOT_NUMBERS stores lot number information for transactions in the MTL_MATERIAL_TRANSACTIONS table.

TRANSACTION_ID joins to MTL_MATERIAL_TRANSACTIONS.TRANSACTION_ID. SERIAL_TRANSACTION_ID joins to MTL_UNIT_TRANSACTIONS.TRANSACTION_ID when also under serial control.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_LOT_NUMBERS	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID	LOT_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
MTL_UNIT_TRANSACTIONS	TRANSACTION_ID	SERIAL_TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NULL	NUMBER	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
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
TRANSACTION_SOURCE_ID	NULL	NUMBER	Transaction disposition (derived from MTL_MATERIAL_TRANSACTIONS)
TRANSACTION_SOURCE_TYPE_ID	NULL	NUMBER	Disposition type code
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(240)	Name of the transaction source
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity, in the user's current unit of measure
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transacted Quantity, in the item's primary unit of measure
LOT_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Lot number
SERIAL_TRANSACTION_ID	NULL	NUMBER	Serial transaction identifier – links this table with the corresponding rows in the serial numbers table
DESCRIPTION	NULL	VARCHAR2(256)	Description for the lot number – Used By WMS Only
VENDOR_ID	NULL	NUMBER	Supplier identification (from po_vendors table) – Used By WMS Only
SUPPLIER_LOT_NUMBER	NULL	VARCHAR2(150)	SUPPLIER LOT NUMBER – Used By WMS Only
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory Code TERRITORY CODE
ORIGINATION_DATE	NULL	DATE	ORIGINATION DATE – Used By WMS Only
DATE_CODE	NULL	VARCHAR2(150)	DATE CODE– Used By WMS Only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GRADE_CODE	NULL	VARCHAR2(150)	GRADE CODE– Used By WMS Only
CHANGE_DATE	NULL	DATE	CHANGE DATE – Used By WMS Only
MATURITY_DATE	NULL	DATE	MATURITY DATE– Used By WMS Only
STATUS_ID	NULL	NUMBER	STATUS IDENTIFIER – Used by WMS only
RETEST_DATE	NULL	DATE	RETEST DATE– Used By WMS Only
AGE	NULL	NUMBER	AGE– Used By WMS Only
ITEM_SIZE	NULL	NUMBER	ITEM SIZE– Used By WMS Only
COLOR	NULL	VARCHAR2(150)	COLOR– Used By WMS Only
VOLUME	NULL	NUMBER	VOLUME– Used By WMS Only
VOLUME_UOM	NULL	VARCHAR2(3)	VOLUME UOM– Used By WMS Only
PLACE_OF_ORIGIN	NULL	VARCHAR2(150)	PLACE OF ORIGIN
BEST_BY_DATE	NULL	DATE	BEST BY DATE– Used By WMS Only
LENGTH	NULL	NUMBER	LENGTH– Used By WMS Only
LENGTH_UOM	NULL	VARCHAR2(3)	LENGTH UOM– Used By WMS Only
WIDTH	NULL	NUMBER	WIDTH– Used By WMS Only
WIDTH_UOM	NULL	VARCHAR2(3)	WIDTH UOM– Used By WMS Only
RECYCLED_CONTENT	NULL	NUMBER	RECYCLED CONTENT– Used By WMS Only
THICKNESS	NULL	NUMBER	THICKNESS– Used By WMS Only
THICKNESS_UOM	NULL	VARCHAR2(3)	THICKNESS UOM– Used By WMS Only
CURL_WRINKLE_FOLD	NULL	VARCHAR2(150)	CURL WRINKLE FOLD– Used By WMS Only
LOT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	LOT ATTRIBUTE CATEGORY– Used By WMS Only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive Flexfield– Used By WMS Only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE1	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE2	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE3	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE4	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE5	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE6	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE7	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE8	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE9	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
D_ATTRIBUTE10	NULL	DATE	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE2	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive Flexfield Segment– Used By WMS Only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_LOT_NUMBERS_N1	NOT UNIQUE	1	TRANSACTION_ID
MTL_TRANSACTION_LOT_NUMBERS_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_TRANSACTION_LOT_NUMBERS_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	LOT_NUMBER
MTL_TRANSACTION_LOT_NUMBERS_N4	NOT UNIQUE	1	TRANSACTION_SOURCE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
WORKFLOW_NAME	NULL	VARCHAR2(80)	Workflow Name
WORKFLOW_DISPLAY_NAME	NULL	VARCHAR2(80)	
WORKFLOW_PROCESS	NULL	VARCHAR2(80)	
WORKFLOW_DISPLAY_PROCESS	NULL	VARCHAR2(80)	
REASON_TYPE	NULL	NUMBER	
REASON_TYPE_DISPLAY	NULL	VARCHAR2(80)	

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TRANSACTION_TYPES

MTL_TRANSACTION_TYPES contains seeded transaction types and the user defined ones. USER_DEFINED_FLAG will distinguish the two. The table also stores the TRANSACTION_ACTION_ID and TRANSACTION_SOURCE_TYPE_ID that is associated with each transaction type.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SHORTAGE_MSG_BACKGROUND_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
SHORTAGE_MSG_ONLINE_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
TRANSACTION_ACTION_ID	MTL_TRANSACTION_ACTION	MFG_LOOKUPS
	1	Issue from stores
	12	Intransit receipt
	2	Subinventory transfer
	21	Intransit shipment
	24	Cost update
	27	Receipt into stores
	28	Staging transfer
	29	Delivery adjustments
	3	Direct organization transfer
	30	WIP scrap transaction
	31	Assembly completion
	32	Assembly return
	4	Cycle count adjustment
	8	Physical inventory adjustment

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_TYPE_ID (PK)	NOT NULL	NUMBER	Transaction type 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
TRANSACTION_TYPE_NAME	NOT NULL	VARCHAR2(30)	Name of the transaction type
DESCRIPTION	NULL	VARCHAR2(240)	Description of the transaction type
TRANSACTION_ACTION_ID	NOT NULL	NUMBER	Transaction action identifer that is associated with this type
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier that is associated with this transaction type

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SHORTAGE_MSG_BACKGROUND_FLAG	NULL	VARCHAR2(1)	
SHORTAGE_MSG_ONLINE_FLAG	NULL	VARCHAR2(1)	
DISABLE_DATE	NULL	DATE	Date that this transaction type will be disabled
USER_DEFINED_FLAG	NOT NULL	VARCHAR2(1)	Set to 'Y' if this type is user–defined
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
TYPE_CLASS	NULL	NUMBER	Specifies if the transaction type is Project related
STATUS_CONTROL_FLAG	NULL	NUMBER	Indicates if the transaction type is controlled by status(1) or not (2) – Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_TYPES_U1	UNIQUE	1	TRANSACTION_TYPE_ID

Sequences

Sequence	Derived Column
MTL_TRANSACTION_TYPES_S	TRANSACTION_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TXN_COST_DET_INTERFACE

MTL_TXN_COST_DET_INTERFACE stores transaction cost by element and by level for transactions to be imported through the transaction interface. This is a child table to MTL_TRANSACTIONS_INTERFACE.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_INTERFACE_ID	NOT NULL	NUMBER	Interface 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
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
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ORGANIZATION_NAME	NULL	VARCHAR2(60)	Organization name
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization short name
COST_ELEMENT_ID	NULL	NUMBER	Cost element identifier
COST_ELEMENT	NULL	VARCHAR2(30)	Cost element name
LEVEL_TYPE	NULL	NUMBER	Level type
LEVEL_NAME	NULL	VARCHAR2(10)	Either this level or previous level
TRANSACTION_COST	NULL	NUMBER	Cost of the inventory transaction
NEW_AVERAGE_COST	NULL	NUMBER	Used in average cost update to specify the new average cost of the item
PERCENTAGE_CHANGE	NULL	NUMBER	Used in average cost update to indicate the percentage change in the cost of the item
VALUE_CHANGE	NULL	NUMBER	Used in average cost update to specify the change in inventory value
ERROR_CODE	NULL	VARCHAR2(240)	Error code
ERROR_EXPLANATION	NULL	VARCHAR2(240)	Error explanation.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TXN_COST_DET_INTERFACE_N1	NOT UNIQUE	2	TRANSACTION_INTERFACE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TXN_REQUEST_HEADERS

This table stores all of the move order headers. The headers contain all information which pertains to entire move orders, including the transaction type of the move order, the move order type, the move order status, and the request number of the move order.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TO_ACCOUNT_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	FROM_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	TO_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
HEADER_STATUS	MTL_TXN_REQUEST_STATUS	MFG_LOOKUPS
	1	Incomplete
	2	Pending Approval
	3	Approved
	4	Not Approved
	5	Closed
	6	Canceled
	7	Pre Approved
	8	Partially Approved
MOVE_ORDER_TYPE	MTL_TXN_REQUEST_TYPE	MFG_LOOKUPS
	1	Requisition
	2	Replenishment
	3	Pick Wave

Column Descriptions

Name	Null?	Type	Description
HEADER_ID	NOT NULL	NUMBER	Header identifier
REQUEST_NUMBER	NOT NULL	VARCHAR2(30)	Request number of the move order
TRANSACTION_TYPE_ID	NULL	NUMBER	Transaction type identifier
MOVE_ORDER_TYPE	NULL	NUMBER	Type of move order
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
DESCRIPTION	NULL	VARCHAR2(240)	Move order description
DATE_REQUIRED	NULL	DATE	Standard Who column
FROM_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory to transact from
TO_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory to transact to
TO_ACCOUNT_ID	NULL	NUMBER	Account identifier to transact to
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship to Location Id
HEADER_STATUS	NULL	NUMBER	Header status
STATUS_DATE	NULL	DATE	Date of last status change
FREIGHT_CODE	NULL	VARCHAR2(25)	Freight Code
SHIPMENT_METHOD	NULL	VARCHAR2(30)	Shipment Method
AUTO_RECEIPT_FLAG	NULL	VARCHAR2(1)	Auto Receipt Flag

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REFERENCE_ID	NULL	NUMBER	Reference Id
REFERENCE_DETAIL_ID	NULL	NUMBER	Reference Detail Id
ASSIGNMENT_ID	NULL	VARCHAR2(240)	Assignment Id
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
GROUPING_RULE_ID	NULL	NUMBER	Grouping rule to use when assigning pick slip numbers
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_TXN_REQUEST_HEADERS_N1	NOT UNIQUE	1	TRANSACTION_TYPE_ID
MTL_TXN_REQUEST_HEADERS_N2	NOT UNIQUE	1	FROM_SUBINVENTORY_CODE
		2	ORGANIZATION_ID
MTL_TXN_REQUEST_HEADERS_N3	NOT UNIQUE	1	TO_SUBINVENTORY_CODE
		2	ORGANIZATION_ID
MTL_TXN_REQUEST_HEADERS_N4	NOT UNIQUE	1	MOVE_ORDER_TYPE
MTL_TXN_REQUEST_HEADERS_U1	UNIQUE	1	HEADER_ID
MTL_TXN_REQUEST_HEADERS_U2	UNIQUE	1	REQUEST_NUMBER
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TXN_REQUEST_LINES

The table MTL_TXN_REQUEST_LINES stores all of the move order lines. The lines are requests to move some quantity of an item from a source location to a destination location or account. Each move order line must be tied to a specific move order header. When a line is detailed or pick released, the quantity detailed is updated appropriately and transaction lines are created in MTL_MATERIAL_TRANSACTIONS_TEMP. When the transaction lines are transacted, the quantity delivered is updated.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TO_ACCOUNT_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_TYPE SUBINVENTORY_CODE ORGANIZATION_ID	FROM_LOCATOR_ID FROM_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID SUBINVENTORY_CODE ORGANIZATION_ID	TO_LOCATOR_ID TO_SUBINVENTORY_CODE TO_ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION
MTL_KANBAN_CARDS	KANBAN_CARD_ID	REFERENCE_ID
MTL_LOT_NUMBERS	ORGANIZATION_ID LOT_NUMBER INVENTORY_ITEM_ID	ORGANIZATION_ID LOT_NUMBER INVENTORY_ITEM_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	TO_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	TO_SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	ORGANIZATION_ID FROM_SUBINVENTORY_CODE
MTL_SERIAL_NUMBERS	SERIAL_NUMBER INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID	SERIAL_NUMBER_START INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_SERIAL_NUMBERS	SERIAL_NUMBER INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID	SERIAL_NUMBER_END INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_TRANSACTION_TYPES	TRANSACTION_TYPE_ID	TRANSACTION_TYPE_ID
MTL_TXN_REQUEST_HEADERS	HEADER_ID	HEADER_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID
WMS_STRATEGIES_B	STRATEGY_ID	PICK_STRATEGY_ID
WMS_STRATEGIES_B	STRATEGY_ID	PUT_AWAY_STRATEGY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LINE_STATUS	MTL_TXN_REQUEST_STATUS	MFG_LOOKUPS
	1	Incomplete
	2	Pending Approval
	3	Approved
	4	Not Approved

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	5	Closed
	6	Canceled
	7	Pre Approved
	8	Partially Approved

Column Descriptions

Name	Null?	Type	Description
LINE_ID	NOT NULL	NUMBER	Line identifier
HEADER_ID	NOT NULL	NUMBER	Header identifier
LINE_NUMBER	NOT NULL	NUMBER	Line number
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
FROM_SUBINVENTORY_ID	NULL	NUMBER	Not currently used
FROM_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	From subinventory code
FROM_LOCATOR_ID	NULL	NUMBER	From locator identifier
TO_SUBINVENTORY_CODE	NULL	VARCHAR2(10)	To subinventory code
TO_SUBINVENTORY_ID	NULL	NUMBER	Not currently used
TO_LOCATOR_ID	NULL	NUMBER	To locator identifier
TO_ACCOUNT_ID	NULL	NUMBER	To account identifier
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship To Location identifier
LOT_NUMBER	NULL	VARCHAR2(30)	Lot number
SERIAL_NUMBER_START	NULL	VARCHAR2(30)	First serial number in range
SERIAL_NUMBER_END	NULL	VARCHAR2(30)	Last serial number in range
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure for quantities
QUANTITY	NOT NULL	NUMBER	Quantity requested
QUANTITY_DELIVERED	NULL	NUMBER	Quantity which has been delivered
QUANTITY_DETAILED	NULL	NUMBER	Quantity which has a detailed sourcing location
DATE_REQUIRED	NOT NULL	DATE	Date required
REASON_ID	NULL	NUMBER	Reason identifier
REFERENCE	NULL	VARCHAR2(240)	Move order creator reference
REFERENCE_TYPE_CODE	NULL	NUMBER	Move order creator code
REFERENCE_ID	NULL	NUMBER	Move order creator identifier
REFERENCE_DETAIL_ID	NULL	NUMBER	Reference Detail Id
ASSIGNMENT_ID	NULL	NUMBER	Assignment Id
PROJECT_ID	NULL	NUMBER	Project identifier
TASK_ID	NULL	NUMBER	Task identifier
TRANSACTION_HEADER_ID	NULL	NUMBER	Transaction header identifier
LINE_STATUS	NOT NULL	NUMBER	Line status
STATUS_DATE	NOT NULL	DATE	Last date status was changed
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
TXN_SOURCE_ID	NULL	NUMBER	Transaction source identifier
TXN_SOURCE_LINE_ID	NULL	NUMBER	Transaction source line identifier
TXN_SOURCE_LINE_DETAIL_ID	NULL	NUMBER	Transaction source line detail identifier
TRANSACTION_TYPE_ID	NOT NULL	NUMBER	Transaction type identifier
TRANSACTION_SOURCE_TYPE_ID	NULL	NUMBER	Transaction source type identifier
PRIMARY_QUANTITY	NULL	NUMBER	Quantity requested, in primary unit of measure
TO_ORGANIZATION_ID	NULL	NUMBER	To Organization identifier
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	Put Away strategy identifier – used by WMS only
PICK_STRATEGY_ID	NULL	NUMBER	Picking strategy identifier – used by WMS only
UNIT_NUMBER	NULL	VARCHAR2(30)	Unit Number
FROM_COST_GROUP_ID	NULL	NUMBER	From Cost Group Identifier – used by WMS only
TO_COST_GROUP_ID	NULL	NUMBER	To Cost Group Identifier – used by WMS only
LPN_ID	NULL	NUMBER	License Plate Number Identifier – used by WMS only
TO_LPN_ID	NULL	NUMBER	Transfer License Plate Number Identifier – used by WMS only
INSPECTION_STATUS	NULL	NUMBER	Inspection Status
PICK_METHODOLOGY_ID	NULL	NUMBER	Pick Methodology Id
CONTAINER_ITEM_ID	NULL	NUMBER	Container Item Id – used by WMS only
CARTON_GROUPING_ID	NULL	NUMBER	Carton Grouping Id – used by WMS only
BACKORDER_DELIVERY_DETAIL_ID	NULL	NUMBER	
WMS_PROCESS_FLAG	NULL	NUMBER	Flag to indicate processing status for putaways. 1 means Ok to process,2 means Do not Allocate, 3 means Allocate but do not process. To be used by Receiving and WIP
PICK_SLIP_NUMBER	NULL	NUMBER	Pick Slip Number
PICK_SLIP_DATE	NULL	DATE	Pick Slip Date
SHIP_SET_ID	NULL	NUMBER	Ship Set Identifier
SHIP_MODEL_ID	NULL	NUMBER	Ship Model Identifier
MODEL_QUANTITY	NULL	NUMBER	Quantity of the Top Model for Ship Model Complete items

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TXN_REQUEST_LINES_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
MTL_TXN_REQUEST_LINES_N2	NOT UNIQUE	1	ORGANIZATION_ID
		2	FROM_SUBINVENTORY_CODE
MTL_TXN_REQUEST_LINES_N3	NOT UNIQUE	1	TO_ORGANIZATION_ID
		2	TO_SUBINVENTORY_CODE
MTL_TXN_REQUEST_LINES_N4	NOT UNIQUE	1	TRANSACTION_TYPE_ID
		2	TRANSACTION_SOURCE_TYPE_ID
MTL_TXN_REQUEST_LINES_N5	NOT UNIQUE	5	PICK_SLIP_NUMBER
MTL_TXN_REQUEST_LINES_U1	UNIQUE	1	LINE_ID
MTL_TXN_REQUEST_LINES_U2	UNIQUE	1	HEADER_ID
		2	LINE_NUMBER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_TXN_SOURCE_TYPES

MTL_TXN_SOURCE_TYPES contains information about valid transaction source type in the system. There are two kinds of transaction source types. System transaction source types are those seeded when the system is installed, bear source type identifiers of 1 through 13 and use system validation. User defined transaction source types have have identifiers higher than 100, and may have validation set up through the use of the descriptive flex context in the 'Transaction Source' descriptive flexfield.

Transaction source types are used in defining user transaction types, which would in turn be used in different inventory transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_DESCR_FLEX_CONTEXTS	DESCRIPTIVE_FLEX_CONTEXT_CODE	DESCRIPTIVE_FLEX_CONTEXT_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
USER_DEFINED_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VALIDATED_FLAG	YES_NO_SYS	MFG_LOOKUPS
	1	Value set
	2	None
	3	System

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_SOURCE_TYPE_ID (PK)	NOT NULL	NUMBER	Transaction source type 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
TRANSACTION_SOURCE_TYPE_NAME	NOT NULL	VARCHAR2(30)	Transaction source type name
DESCRIPTION	NULL	VARCHAR2(240)	Transaction source type description
DISABLE_DATE	NULL	DATE	Disable date for the transaction source type
USER_DEFINED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether source type is user-defined or predefined by system
VALIDATED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether source type is validated by system/descriptive flex context
DESCRIPTIVE_FLEX_CONTEXT_CODE	NULL	VARCHAR2(30)	Descriptive flex context defined for the 'Transaction Source' descriptive flex for linkage to a value set
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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
TRANSACTION_SOURCE_CATEGORY	NULL	VARCHAR2(30)	Column defined for the purpose of setting up the 'Transaction Source' descriptive flexfield (contains no data)
TRANSACTION_SOURCE	NULL	VARCHAR2(30)	Column defined for the purpose of setting up the 'Transaction Source' descriptive flexfield (contains no data)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TXN_SOURCE_TYPES_U1	UNIQUE	1	TRANSACTION_SOURCE_TYPE_ID

Sequences

Sequence	Derived Column
MTL_TXN_SOURCE_TYPES_S	TRANSACTION_SOURCE_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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_N1	NOT UNIQUE	5	UOM_CLASS
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_UNIT_TRANSACTIONS

MTL_UNIT_TRANSACTIONS stores a record of every material transaction of a serialized unit in Inventory. Records are inserted into this table through the transaction processor.

Many serial numbers may be specified for a given transaction record. TRANSACTION_ID joins to MTL_MATERIAL_TRANSACTIONS.TRANSACTION_ID when only under serial control. TRANSACTION_ID joins to MTL_TRANSACTION_LOT_NUMBERS.SERIAL_TRANSACTION_ID when also under lot control.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_SERIAL_NUMBERS	SERIAL_NUMBER INVENTORY_ITEM_ID CURRENT_ORGANIZATION_ID	SERIAL_NUMBER INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	TRANSACTION_SOURCE_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	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
SERIAL_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Serial number
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	Subinventory code
LOCATOR_ID	NULL	NUMBER	Transaction locator identifier
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
TRANSACTION_SOURCE_ID	NULL	NUMBER	Previous disposition (derived from MTL_MATERIAL_TRANSACTIONS)
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Disposition type code
TRANSACTION_SOURCE_NAME	NULL	VARCHAR2(240)	Source name of the transaction
RECEIPT_ISSUE_TYPE	NOT NULL	NUMBER	Previous receipt/issue code
CUSTOMER_ID	NULL	NUMBER	Customer code
SHIP_ID	NULL	NUMBER	Ship code
SERIAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Serial Attribute Category
TERRITORY_CODE	NULL	VARCHAR2(30)	Territory code for Country of Origin-- Usedby WMS only
ORIGINATION_DATE	NULL	DATE	Creation Date of the serial number such as manufacture date. – Used by WMS only
C_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
C_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE16	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE17	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE18	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE19	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
C_ATTRIBUTE20	NULL	VARCHAR2(150)	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE1	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE2	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE3	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE4	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE5	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE6	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE7	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE8	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE9	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
D_ATTRIBUTE10	NULL	DATE	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE1	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
N_ATTRIBUTE2	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE3	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE4	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE5	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE6	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE7	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE8	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE9	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
N_ATTRIBUTE10	NULL	NUMBER	Descriptive Flexfield Segment – Used by WMS only
STATUS_ID	NULL	NUMBER	Status Identifier – Used by WMS only
TIME_SINCE_NEW	NULL	NUMBER	Time since new – Usedby WMS only
CYCLES_SINCE_NEW	NULL	NUMBER	Cycle since new – Used by WMS only
TIME_SINCE_OVERHAUL	NULL	NUMBER	Time since overhaul – Used by WMS only
CYCLES_SINCE_OVERHAUL	NULL	NUMBER	Cycles since overhaul – Used by WMS only
TIME_SINCE_REPAIR	NULL	NUMBER	Time since repair – Used by WMS only
CYCLES_SINCE_REPAIR	NULL	NUMBER	Cycles since repair – Used by WMS only
TIME_SINCE_VISIT	NULL	NUMBER	Time since visit for MRO – Used by WMS only
CYCLES_SINCE_VISIT	NULL	NUMBER	Cycles since visit for MRO – Used by WMS only
TIME_SINCE_MARK	NULL	NUMBER	Time since mark for MRO– Used by WMS only
CYCLES_SINCE_MARK	NULL	NUMBER	Cycles since mark – Used by WMS only
NUMBER_OF_REPAIRS	NULL	NUMBER	Total Number of repairs – Used by WMS only

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UNIT_TRANSACTIONS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
		3	INVENTORY_ITEM_ID
		4	SERIAL_NUMBER
MTL_UNIT_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_SOURCE_ID
MTL_UNIT_TRANSACTIONS_N3	NOT UNIQUE	1	CUSTOMER_ID
		2	SHIP_ID
MTL_UNIT_TRANSACTIONS_N4	NOT UNIQUE	1	INVENTORY_ITEM_ID
MTL_UNIT_TRANSACTIONS_N5	NOT UNIQUE	1	ORGANIZATION_ID
		2	TRANSACTION_DATE
MTL_UNIT_TRANSACTIONS_N6	NOT UNIQUE	1	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_UOM_CLASSES_TL

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

Column Descriptions

Name	Null?	Type	Description
UOM_CLASS (PK)	NOT NULL	VARCHAR2(10)	Unit of measure class name (eg, volume, weight)
UOM_CLASS_TL	NOT NULL	VARCHAR2(10)	Unit of measure class name (eg, volume, weight)
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Unit of measure class disable date
DESCRIPTION	NULL	VARCHAR2(50)	Class description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_UOM_CLASS_CONVERSIONS

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

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
FROM_UNIT_OF_MEASURE (PK)	NOT NULL	VARCHAR2(25)	Base unit of measure of the item's base class
FROM_UOM_CODE	NOT NULL	VARCHAR2(3)	Base unit of measure short name for the item's base class
FROM_UOM_CLASS	NOT NULL	VARCHAR2(10)	Base class of the item (derived from MTL_UNITS_OF_MEASURE)
TO_UNIT_OF_MEASURE (PK)	NOT NULL	VARCHAR2(25)	Base unit of the class to which the conversion is defined
TO_UOM_CODE	NOT NULL	VARCHAR2(3)	Base unit short name of the class to which the conversion is defined
TO_UOM_CLASS	NOT NULL	VARCHAR2(10)	Class to which the conversion is defined (derived from MTL_UNITS_OF_MEASURE)
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CONVERSION_RATE	NOT NULL	NUMBER	Conversion rate from the item's class base unit to the "to" class base unit
DISABLE_DATE	NULL	DATE	Date when the defined inter–class conversion can no longer be used
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CLASS_CONVERSIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UNIT_OF_MEASURE
MTL_UOM_CLASS_CONVERSIONS_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UOM_CODE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CLASS_CONVERSIONS_U3	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UOM_CLASS

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_UOM_CONVERSIONS

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

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

Name	Null?	Type	Description
UNIT_OF_MEASURE (PK)	NOT NULL	VARCHAR2(25)	Unit of measure long name
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure short name
UOM_CLASS	NOT NULL	VARCHAR2(10)	Class of the conversion unit of measure (derived from MTL_UNITS_OF_MEASURE)
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
CONVERSION_RATE	NULL	NUMBER	Conversion rate from conversion unit to base unit of class
DEFAULT_CONVERSION_FLAG	NOT NULL	VARCHAR2(1)	'Y' if conversion is the same as the default conversion
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Date when the conversion is no longer valid to be used in the system (transactions, etc)
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
LENGTH	NULL	NUMBER	Length of Item–UOM
WIDTH	NULL	NUMBER	Width of item–UOM
HEIGHT	NULL	NUMBER	Height of item–UOM
DIMENSION_UOM	NULL	VARCHAR2(3)	UOM for item–UOM dimensions

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CONVERSIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	UNIT_OF_MEASURE
MTL_UOM_CONVERSIONS_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	UOM_CODE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_UPDATE_RECORDS_TEMP

MTL_UPDATE_RECORDS_TEMP is a table used exclusively for the item attribute copy form. It holds the unique id of records in MTL_SYSTEM_ITEMS_B.

Column Descriptions

Name	Null?	Type	Description
ITEM_UPDATE_ID	NULL	NUMBER	Holds Sequence Number Of Session
INVENTORY_ITEM_ID	NULL	NUMBER	Holds Item Id to be Updated
ORGANIZATION_ID	NULL	NUMBER	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_USER_DEMAND

MTL_USER_DEMAND provides an interface mechanism for users to populate their own demand information, ie, the demand sources that are not predefined by Oracle Inventory, to be included in ATP calculation. Once the table is populated, the information can be viewed by the Supply / Demand Detail window. Furthermore, users can utilize ATP rules to include/exclude this demand source in the ATP calculation. If "Include User–Defined Demand" option in the ATP rule is set to Yes, then the ATP calculation will include the demand information stored in this table. Otherwise, no demand information in this table is included.

The SOURCE_TYPE_ID column stores the source type, for example, 2 for sales order, 3 for account number, 4 for WIP job/schedule and 5 for account alias. SOURCE_ID stores the sources for source types. This column is context sensitive; it depends on source type. For example, if the source type is Sales Order, then this column represents sales order id. If source type is WIP job/schedule, this means WIP entity id. If source type is account number, then source id should store the GL code combination id for the account number.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SOURCE_TYPE_ID	NOT NULL	NUMBER	Code to indicate the source of the demand
SOURCE_ID	NOT NULL	NUMBER	Header ID for the source of the demand.
SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for user–defined source type
PRIMARY_UOM_QUANTITY	NOT NULL	NUMBER	Demanded quantity expressed in the item's primary unit of measure
REQUIREMENT_DATE	NULL	DATE	Planned ship/issue date for demand
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class to be used if demand class ATP is on.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_USER_DEMAND_N1	NOT UNIQUE	3	INVENTORY_ITEM_ID
		4	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

MTL_USER_SUPPLY

MTL_USER_SUPPLY provides an interface mechanism for users to populate their own supply information, ie, the supply sources that are not predefined by Oracle Inventory, to be included in ATP calculation. Once the table is populated, the information can be viewed by the Supply / Demand Detail window. Furthermore, users can utilize ATP rules to include / exclude this supply source in the ATP calculation. If "Include User–Defined Supply" option in the ATP rule is set to Yes, then the ATP calculation will include the supply information stored in this table, otherwise, no supply information in this table is included.

The SOURCE_TYPE_ID column stores the source type, for example, 1 for purchase order, 3 for account number, 4 for WIP job / schedule and 5 for account alias. SOURCE_ID stores the sources for source types. This column is context sensitive, it depends on source type. For example, if the source type is Purchase Order, then this column represents purchasing header id. If source type is WIP job / schedule, this means WIP entity id. If source type is account number, then source id should store the GL code combination id for the account number.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SOURCE_ID
MTL_GENERIC_DISPOSITIONS	DISPOSITION_ID ORGANIZATION_ID	SOURCE_ID ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	SOURCE_TYPE_ID
PO_HEADERS_ALL	PO_HEADER_ID	SOURCE_ID
WIP_ENTITIES	WIP_ENTITY_ID	SOURCE_ID

Column Descriptions

Name	Null?	Type	Description
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
SOURCE_TYPE_ID	NOT NULL	NUMBER	Code to indicate the source of the supply
SOURCE_ID	NOT NULL	NUMBER	Header ID for the source of the demand.
SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for user–defined source type
PRIMARY_UOM_QUANTITY	NOT NULL	NUMBER	Supplied quantity expressed in the item's primary unit of measure

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
EXPECTED_DELIVERY_DATE	NULL	DATE	Date when supply will be available
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class to be used if demand class ATP is on.

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_USER_SUPPLY_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

ORG_ACCESS

ORG_ACCESS stores information about which organizations are available for a particular responsibility. A record in this table indicates that the organization is available (for login) for a responsibility. If there are no records in this table for an organization, all responsibilities can access it.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_RESPONSIBILITY	APPLICATION_ID RESPONSIBILITY_ID	RESP_APPLICATION_ID RESPONSIBILITY_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
RESP_APPLICATION_ID (PK)	NOT NULL	NUMBER	Responsibility application identifier
RESPONSIBILITY_ID (PK)	NOT NULL	NUMBER	Responsibility 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
DISABLE_DATE	NULL	DATE	Disable date
COMMENTS	NULL	VARCHAR2(240)	Comments
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
ORG_ACCESS_N1	NOT UNIQUE	1	ORGANIZATION_ID
ORG_ACCESS_U1	UNIQUE	1	RESP_APPLICATION_ID
		2	RESPONSIBILITY_ID
		3	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

ORG_ACCT_PERIODS

ORG_ACCT_PERIODS holds the open and closed financial periods for organizations. When a period is opened, the period open form (INVTTGPO) pulls in the next available period from the GL table GL_PERIODS. ORG_ACCT_PERIODS holds the relevant data, such as period start, end and close dates. Note that only postable periods will be brought over. You may create non–postable periods in Oracle General Ledger or in the GL forms provided with Oracle Inventory. If data exists in the PERIOD_CLOSE_DATE column, then the period has been closed and no more transactions can be made against the closed period. The combination of the PERIOD_CLOSE_DATE and OPEN_FLAG columns reflects the status of a period. When OPEN_FLAG = 'P', it means the period close is processing. When it equals 'N', the period close process is completed. When OPEN_FLAG is 'Y' and PERIOD_CLOSE_DATE is null, it means the period is open. Otherwise, it implies the period close process has failed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_PERIODS	PERIOD_SET_NAME PERIOD_NAME	PERIOD_SET_NAME PERIOD_NAME
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	Accounting period id
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
PERIOD_SET_NAME	NOT NULL	VARCHAR2(15)	GL period set name
PERIOD_YEAR	NOT NULL	NUMBER	GL period year
PERIOD_NUM	NOT NULL	NUMBER	GL period number
PERIOD_NAME	NOT NULL	VARCHAR2(15)	GL period name
DESCRIPTION	NULL	VARCHAR2(50)	Description – (not currently used)
PERIOD_START_DATE	NOT NULL	DATE	Start date of accounting period
SCHEDULE_CLOSE_DATE	NOT NULL	DATE	Scheduled close date of the accounting period
PERIOD_CLOSE_DATE	NULL	DATE	Actual close date of the accounting period
OPEN_FLAG	NOT NULL	VARCHAR2(1)	Indicates the status of the period: 'P' if the period close is processing; 'N' if the period is closed; 'Y' if the period is either open (if period close date is NULL) or the period close has failed (if period close date is not NULL)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	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
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Global descriptive flexfield segment
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Global descriptive flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
ORG_ACCT_PERIODS_U1	UNIQUE	1	ORGANIZATION_ID
		2	ACCT_PERIOD_ID

Sequences

Sequence	Derived Column
ORG_ACCT_PERIODS_S	ACCT_PERIOD_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

ORG_FREIGHT_TL

ORG_FREIGHT is the definition table for freight carriers. It also holds the distribution account information.

The freight carrier (FREIGHT_CODE) and freight charge distribution account (DISTRIBUTION_ACCOUNT) are used in inter–organization transfers.

Freight carriers are defined in the Freight Carriers window in Oracle Inventory.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISTRIBUTION_ACCOUNT
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
FREIGHT_CODE (PK)	NOT NULL	VARCHAR2(25)	Freight code
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
FREIGHT_CODE_TL	NOT NULL	VARCHAR2(25)	Freight code
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(80)	Freight code description
DISABLE_DATE	NULL	DATE	Disable date
DISTRIBUTION_ACCOUNT	NULL	NUMBER	Freight charge distribution account
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
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Global Descriptive Flex Segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Global Descriptive Flex Segment
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Global Descriptive Flex Attribute Category

Indexes

Index Name	Index Type	Sequence	Column Name
ORG_FREIGHT_TL_U1	UNIQUE	1	FREIGHT_CODE
		2	ORGANIZATION_ID
		3	LANGUAGE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

ORG_GL_BATCHES

ORG_GL_BATCHES holds history rows for every batch of transactions that have been interfaced to the GL_INTERFACE table. When you run the GL Transfer or Period Close function, a new row will be inserted into this table, using the next GL_BATCH_ID number. This row contains the transfer date and the ACCT_PERIOD_ID from ORG_ACCT_PERIODS. The GL_BATCH_ID column in the accounting transaction tables is updated with this GL_BATCH_ID, and this id prevents the accounting transaction from being interfaced twice to the GL_INTERFACE table. Upon launching the GL Transfer function, the GL_BATCH_ID is set to 0 which represents "Processing" status. The GL_BATCH_ID is set to a positive number when successfully completed and to a negative number when failure occurs. For Oracle Inventory, the accounting table is MTL_TRANSACTION_ACCOUNTS; for Oracle Work In Process, the accounting table is WIP_TRANSACTION_ACCOUNTS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID	NOT NULL	NUMBER	Current accounting period id when GL batch is created
GL_BATCH_DATE	NOT NULL	DATE	Scheduled close date of the current accounting period
DESCRIPTION	NULL	VARCHAR2(50)	Description
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
GL_BATCH_ID (PK)	NOT NULL	NUMBER	GL batch download 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

Indexes

Index Name	Index Type	Sequence	Column Name
ORG_GL_BATCHES_U1	UNIQUE	1	ORGANIZATION_ID
		2	GL_BATCH_ID

Sequences

Sequence	Derived Column
ORG_GL_BATCHES_S	GL_BATCH_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PAY_COST_ALLOCATION_KEYFLEX

PAY_COST_ALLOCATION_KEYFLEX is the combinations table for the Cost Allocation key flexfield. This includes the individual segment information that identify the cost codes, accounts and labor distribution codes used in specific Business Groups.
CONCATENATED_SEGMENTS contains the concatenated value of SEGMENT1 to SEGMENT30.

Column Descriptions

Name	Null?	Type	Description
COST_ALLOCATION_KEYFLEX_ID (PK)	NOT NULL	NUMBER(9)	System-generated primary key column.
CONCATENATED_SEGMENTS	NULL	VARCHAR2(240)	Key flexfield segment column.
ID_FLEX_NUM	NOT NULL	NUMBER(15)	Key flexfield structure foreign key.
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag.
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield enabled flag.
START_DATE_ACTIVE	NULL	DATE	Date before which key flexfield combination is invalid.
END_DATE_ACTIVE	NULL	DATE	Date after which key flexfield combination is invalid.
SEGMENT1	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT2	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT3	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT4	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT5	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT6	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT7	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT8	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT9	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT10	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT11	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT12	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT13	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT14	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT15	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT16	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT17	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT18	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT19	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT20	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT21	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT22	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT23	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT24	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT25	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT26	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT27	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT28	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT29	NULL	VARCHAR2(60)	Key flexfield segment column.
SEGMENT30	NULL	VARCHAR2(60)	Key flexfield segment column.
LAST_UPDATE_DATE	NULL	DATE	Standard Who column.
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who column.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATED_BY	NULL	NUMBER(15)	Standard Who column.
CREATION_DATE	NULL	DATE	Standard Who column.

Indexes

Index Name	Index Type	Sequence	Column Name
PAY_COST_ALLOCATION_KEYFLE_PK	UNIQUE	1	COST_ALLOCATION_KEYFLEX_ID

Sequences

Sequence	Derived Column
PAY_COST_ALLOCATION_KEYFLEX_S	COST_ALLOCATION_KEYFLEX_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PA_EXPENDITURE_TYPES

PA_EXPENDITURE_TYPES stores the most detailed implementation–defined classifications of expenditures charged to projects and tasks.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
REVENUE_CATEGORY_CODE	REVENUE CATEGORY	PA_LOOKUPS
UNIT_OF_MEASURE	UNIT	PA_LOOKUPS
	DOLLARS	Dollars
	HOURS	Hours

Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	The expenditure for which the alias is created
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	The expenditure category that classifies the expenditure type into a cost group
REVENUE_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	The revenue category that classifies the expenditure type into a revenue group
SYSTEM_LINKAGE_FUNCTION	NULL	VARCHAR2(30)	The expenditure type class for which this alias is created
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(30)	The unit by which to measure amounts entered for the expenditure type
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of the expenditure type
COST_RATE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether a cost rate is required for the non–labor expenditure type
END_DATE_ACTIVE	NULL	DATE	Last effective date of the expenditure type
DESCRIPTION	NULL	VARCHAR2(250)	The description of the expenditure type
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield Context Field
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield Segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield Segment
ADW_NOTIFY_FLAG	NULL	VARCHAR2(1)	The flag that indicates whether this row needs to be sent to the interface table or not. This column is required for Oracle Project Analysis Collection Pack.

Indexes

Index Name	Index Type	Sequence	Column Name
PA_EXPENDITURE_TYPES_N1	NOT UNIQUE	1	SYSTEM_LINKAGE_FUNCTION
PA_EXPENDITURE_TYPES_N2	NOT UNIQUE	2	ADW_NOTIFY_FLAG
PA_EXPENDITURE_TYPES_U1	UNIQUE	1	EXPENDITURE_TYPE

Database Triggers

```
Trigger Name    : PA_ADW_EXPENDITURE_TYPES_T1
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : UPDATE
```

This trigger maintains the ADW_NOTIFY_FLAG column for any updates to EXPENDITURE_CATEGORY, REVENUE_CATEGORY_CODE, UNIT_OF_MEASURE and DESCRIPTION columns

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PJM_UNIT_NUMBERS

PJM_UNIT_NUMBERS holds unique End Item Model / Unit Numbers for model / unit number effectivity controlled end items. The End Item Model / Unit Number is an alphanumeric string that typically includes a prefix and a number in sequence; for example, FAN–0001. The unit numbers defined for end items must be unique across organizations and across items. This table corresponds to the Maintain Model / Unit Numbers window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	MASTER_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	END_ITEM_ID MASTER_ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
UNIT_NUMBER (PK)	NOT NULL	VARCHAR2(30)	End item model/unit number
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(15)	Standard Who column
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
END_ITEM_ID	NOT NULL	NUMBER	End item unique identifier
MASTER_ORGANIZATION_ID	NOT NULL	NUMBER	Inventory item master organization unique identifier
PREFIX	NOT NULL	VARCHAR2(30)	End item model/unit number prefix
COMMENTS	NULL	VARCHAR2(240)	User–entered comments
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield context
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
PJM_UNIT_NUMBERS_N1	NOT UNIQUE	2	END_ITEM_ID
PJM_UNIT_NUMBERS_U1	UNIQUE	2	UNIT_NUMBER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PJM_UNIT_SERIAL_HISTORY

PJM_UNIT_SERIAL_HISTORY holds unit number change history made to any serialized on hand to provide audit trail. This table is populated by a trigger on MTL_SERIAL_NUMBERS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SERIAL_NUMBERS	SERIAL_NUMBER	SERIAL_NUMBER
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	CURRENT_ORGANIZATION_ID	ORGANIZATION_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	OLD_UNIT_NUMBER
PJM_UNIT_NUMBERS	UNIT_NUMBER	NEW_UNIT_NUMBER

Column Descriptions

Name	Null?	Type	Description
SERIAL_NUMBER (PK)	NOT NULL	VARCHAR2(30)	Serial number of the item upon which model/unit number has been changed
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item unique identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Inventory organization unique identifier
OLD_UNIT_NUMBER (PK)	NULL	VARCHAR2(30)	Previous model/unit number associated with the serial number
NEW_UNIT_NUMBER (PK)	NULL	VARCHAR2(30)	New model/unit number associated with the serial number
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

Indexes

Index Name	Index Type	Sequence	Column Name
PJM_UNIT_SERIAL_HISTORY_U1	UNIQUE	2	INVENTORY_ITEM_ID
		6	SERIAL_NUMBER
		8	OLD_UNIT_NUMBER
		10	NEW_UNIT_NUMBER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_AGENTS

PO_AGENTS contains information about buyers and purchasing managers. You need one row for each employee who has purchasing responsibilities in your organization. You define a buyer by entering a default Item Category and Ship–To Location.

Oracle Purchasing uses this information to determine active buyers and to provide defaults in the Find Requisitions Lines window. When creating a purchase order, you can use the list of values to choose a buyer you defined in this table.

You enter buyer information in the Buyers window.

The primary key AGENT_ID has the same value as the EMPLOYEE_ID in the HR_EMPLOYEES view for the corresponding employee.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
AGENT_ID (PK)	NOT NULL	NUMBER(9)	Buyer unique identifier
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
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LOCATION_ID	NULL	NUMBER	Location unique identifier
CATEGORY_ID	NULL	NUMBER	Item category unique identifier
AUTHORIZATION_LIMIT	NULL	NUMBER	Maximum purchase order authorization limit for the buyer
START_DATE_ACTIVE	NULL	DATE	Key Flexfield start date
END_DATE_ACTIVE	NULL	DATE	Key Flexfield end date
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(240)	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
PO_AGENTS_U1	UNIQUE	1	AGENT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_DISTRIBUTIONS_ALL

PO_DISTRIBUTIONS_ALL contains accounting distribution information for a purchase order shipment line. You need one row for each distribution line you attach to a purchase order shipment. There are four types of documents using distributions in Oracle Purchasing:

- Standard Purchase Orders
- Planned Purchase Orders
- Planned Purchase Order Releases
- Blanket Purchase Order Releases

Each row includes the destination type, requestor ID, quantity ordered and deliver–to location for the distribution.

Oracle Purchasing uses this information to record accounting and requisition information for purchase orders and releases.

PO_DISTRIBUTIONS_ALL is one of five tables storing purchase order and release information.

Some columns in PO_DISTRIBUTIONS_ALL contain information only if certain conditions exist:

- If you autocreate this accounting distribution from a requisition, REQ_DISTRIBUTION_ID corresponds to the ID of the requisition distribution you copy on the purchase order.
- If you use a foreign currency on your purchase order, Oracle Purchasing stores currency conversion information in RATE and RATE_DATE.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

- If you use encumbrance, GL_ENCUMBERED_DATE and GL_ENCUMBERED_PERIOD_NAME contain encumbrance information Oracle Purchasing uses to create journal entries in Oracle General Ledger.

- If you do not autocreate the purchase order from online requisitions, REQ_LINE_REFERENCE_NUM and REQ_HEADER_REFERENCE_NUM contain the requisition number and requisition line number of the corresponding paper requisition. These two columns are not foreign keys to another table.

- If the distribution corresponds to a blanket purchase order release, PO_RELEASE_ID identifies this release.

- If SOURCE_DISTRIBUTION_ID has a value, the distribution is part of a p lanned purchase order release.

- If you cancel the distribution, Oracle Purchasing automatically updates QUANTITY_CANCELLED or GL_CANCELLED_DATE. Oracle Purchasing also enters UNENCUMBERED_AMOUNT if you use encumbrance.

You enter distribution information in the Distributions window, accessible through the Purchase Orders and Releases windows.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	BOM_RESOURCE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	BUDGET_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCRUAL_ACCOUNT_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	VARIANCE_ACCOUNT_ID
GL_DAILY_CONVERSION_RATES_R10	CONVERSION_RATE	RATE
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	DESTINATION_SUBINVENTORY DESTINATION_ORGANIZATION_ID
PA_TASKS	TASK_ID	TASK_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	SOURCE_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	LINE_LOCATION_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	REQ_DISTRIBUTION_ID
WIP_ENTITIES	WIP_ENTITY_ID ORGANIZATION_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID
WIP_LINES	LINE_ID ORGANIZATION_ID	WIP_LINE_ID DESTINATION_ORGANIZATION_ID
WIP_OPERATIONS	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM RESOURCE_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_RESOURCE_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon delivery

Column Descriptions

Name	Null?	Type	Description
PO_DISTRIBUTION_ID (PK)	NOT NULL	NUMBER	Document distribution unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
PO_LINE_ID	NOT NULL	NUMBER	Document line unique identifier
LINE_LOCATION_ID	NOT NULL	NUMBER	Document shipment schedule unique identifier
SET_OF_BOOKS_ID	NOT NULL	NUMBER	Set of Books unique identifier
CODE_COMBINATION_ID	NOT NULL	NUMBER	Unique identifier for the General Ledger charge account
QUANTITY_ORDERED	NOT NULL	NUMBER	Quantity ordered on the distribution
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PO_RELEASE_ID	NULL	NUMBER	Release unique identifier
QUANTITY_DELIVERED	NULL	NUMBER	Quantity delivered against the distribution
QUANTITY_BILLED	NULL	NUMBER	Quantity invoiced by Oracle Payables against the distribution
QUANTITY_CANCELLED	NULL	NUMBER	Quantity cancelled for the distribution
REQ_HEADER_REFERENCE_NUM	NULL	VARCHAR2(25)	Requisition number of the requisition line placed on this distribution
REQ_LINE_REFERENCE_NUM	NULL	VARCHAR2(25)	Line number of the requisition line placed on the distribution
REQ_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution unique identifier
DELIVER_TO_LOCATION_ID	NULL	NUMBER	Unique identifier for the delivery location
DELIVER_TO_PERSON_ID	NULL	NUMBER(9)	Unique identifier for the requestor
RATE_DATE	NULL	DATE	Currency conversion date
RATE	NULL	NUMBER	Currency conversion rate
AMOUNT_BILLED	NULL	NUMBER	Amount invoiced by Oracle Payables against the distribution
ACCRUED_FLAG	NULL	VARCHAR2(1)	Indicates whether the distribution was accrued
ENCUMBERED_FLAG	NULL	VARCHAR2(1)	Distribution encumbered flag
ENCUMBERED_AMOUNT	NULL	NUMBER	Encumbered amount for distribution
UNENCUMBERED_QUANTITY	NULL	NUMBER	Quantity unencumbered on the distribution
UNENCUMBERED_AMOUNT	NULL	NUMBER	Amount unencumbered on the distribution
FAILED_FUNDS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of budgetary control approval failure
GL_ENCUMBERED_DATE	NULL	DATE	Date the distribution was encumbered
GL_ENCUMBERED_PERIOD_NAME	NULL	VARCHAR2(15)	Period in which the distribution was encumbered
GL_CANCELLED_DATE	NULL	DATE	Date the distribution was cancelled
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Final destination of the purchased items
DESTINATION_ORGANIZATION_ID	NULL	NUMBER	Final destination organization unique identifier
DESTINATION_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory unique identifier for inventory purchases
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_OPERATION_SEQ_NUM	NULL	NUMBER	WIP operation sequence number within a routing
WIP_RESOURCE_SEQ_NUM	NULL	NUMBER	WIP resource sequence number
WIP_REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
BOM_RESOURCE_ID	NULL	NUMBER	BOM resource unique identifier
BUDGET_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger budget account
ACCRUAL_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger accrual account
VARIANCE_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger variance account
PREVENT_ENCUMBRANCE_FLAG	NULL	VARCHAR2(1)	Indicates whether distribution should be encumbered
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Protected descriptive flexfield context column for destination details
DISTRIBUTION_NUM	NOT NULL	NUMBER	Distribution number
SOURCE_DISTRIBUTION_ID	NULL	NUMBER	Unique identifier of the planned purchase order distribution that was referenced when creating this scheduled release distribution
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
PROJECT_ID	NULL	NUMBER	Project accounting project unique identifier
TASK_ID	NULL	NUMBER	Project accounting task unique identifier
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Project accounting expenditure type
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Project accounting descriptive flexfield context column
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER	Project accounting expenditure organization unique identifier
GL_CLOSED_DATE	NULL	DATE	Date the distribution was final–closed
ACCRUE_ON_RECEIPT_FLAG	NULL	VARCHAR2(1)	Indicates whether items are accrued upon receipt
EXPENDITURE_ITEM_DATE	NULL	DATE	Project accounting expenditure item date
ORG_ID	NULL	NUMBER	Operating unit unique identifier
KANBAN_CARD_ID	NULL	NUMBER	Primary key for the kanban card
AWARD_ID	NULL	NUMBER(15)	Award identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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: Concatenatedstring of reporting Set of Books ID and currency conversion rate pairs
MRC_ENCUMBERED_AMOUNT	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books Id and encumbered amount for distribution pairs
MRC_UNENCUMBERED_AMOUNT	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and amount unencumbered on the distribution pairs
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Project Manufacturing end item unit number
TAX_RECOVERY_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether tax recovery should be used
RECOVERABLE_TAX	NULL	NUMBER	Recoverable tax amount
NONRECOVERABLE_TAX	NULL	NUMBER	Nonrecoverable tax amoun
RECOVERY_RATE	NULL	NUMBER	Percentage of tax that can be recovered
OKE_CONTRACT_LINE_ID	NULL	NUMBER	Line Id associated with a contract
OKE_CONTRACT_DELIVERABLE_ID	NULL	NUMBER	Deliverable Id corresponding to contract

Indexes

Index Name	Index Type	Sequence	Column Name
PO_DISTRIBUTIONS_N1	NOT UNIQUE	1	LINE_LOCATION_ID
PO_DISTRIBUTIONS_N10	NOT UNIQUE	1	BUDGET_ACCOUNT_ID
PO_DISTRIBUTIONS_N11	NOT UNIQUE	1	PO_RELEASE_ID
PO_DISTRIBUTIONS_N12	NOT UNIQUE	2	SOURCE_DISTRIBUTION_ID
PO_DISTRIBUTIONS_N2	NOT UNIQUE	1	REQ_DISTRIBUTION_ID
PO_DISTRIBUTIONS_N3	NOT UNIQUE	1	PO_HEADER_ID
PO_DISTRIBUTIONS_N4	NOT UNIQUE	1	PO_LINE_ID
PO_DISTRIBUTIONS_N5	NOT UNIQUE	1	REQ_HEADER_REFERENCE_NUM
		2	REQ_LINE_REFERENCE_NUM
PO_DISTRIBUTIONS_N6	NOT UNIQUE	1	DELIVER_TO_PERSON_ID
PO_DISTRIBUTIONS_N7	NOT UNIQUE	1	GL_ENCUMBERED_DATE
PO_DISTRIBUTIONS_N8	NOT UNIQUE	1	WIP_ENTITY_ID
		2	WIP_OPERATION_SEQ_NUM
		3	WIP_RESOURCE_SEQ_NUM
		4	DESTINATION_ORGANIZATION_ID
		5	WIP_REPETITIVE_SCHEDULE_ID
PO_DISTRIBUTIONS_N9	NOT UNIQUE	1	PROJECT_ID
		2	TASK_ID
PO_DISTRIBUTIONS_U1	UNIQUE	1	PO_DISTRIBUTION_ID

Sequences

Sequence	Derived Column
PO_DISTRIBUTIONS_S	PO_DISTRIBUTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Database Triggers

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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_HAZARD_CLASSES_B

PO_HAZARD_CLASSES_B contains information about the hazardous materials classes you use in your business. Oracle Purchasing lets you record hazard class information to let you comply with Section 19 of the International Safety Rating System. You need one row for each hazard class you use.

Oracle Purchasing uses this information to let you provide hazard class information on your purchase orders, requisitions, RFQs, and quotations.

Column Descriptions

Name	Null?	Type	Description
HAZARD_CLASS_ID (PK)	NOT NULL	NUMBER	Hazard class unique identifier
INACTIVE_DATE	NULL	DATE	Inactive date for record
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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
PO_HAZARD_CLASSES_U1	UNIQUE	1	HAZARD_CLASS_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
PO_HAZARD_CLASSES_S	HAZARD_CLASS_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 vers ions 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	AUTHORIZATION STATUS	PO_LOOKUP_CODES
	APPROVED	Document has been Approved
	CANCELLED	Document has been Cancelled
	IN PROCESS	Document is still undergoing Approval
	INCOMPLETE	Document is not yet Complete
	PRE–APPROVED	Document is Approved but not yet Accepted
	REJECTED	Document as been Rejected
	REQUIRES REAPPROVAL	Requires Reapproval
	RETURNED	Document has been Returned
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Approved
	AWAITING PRINTING	The Document is Awaiting Printing
	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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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 identifer 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_N6	NOT UNIQUE	1	CLOSED_DATE
PO_HEADERS_N7	NOT UNIQUE	1	QUOTE_VENDOR_QUOTE_NUMBER
PO_HEADERS_N8	NOT UNIQUE	1	VENDOR_ORDER_NUM
PO_HEADERS_U1	UNIQUE	1	PO_HEADER_ID
PO_HEADERS_U2	UNIQUE	1	SEGMENT1
		2	TYPE_LOOKUP_CODE
		3	ORG_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
PO_HEADERS_S	PO_HEADER_ID

Database Triggers

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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_LINES_ALL

PO_LINES_ALL stores current information about each purchase order line. You need one row for each line you attach to a document. There are five document types that use lines:

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

Each row includes the line number, the item number and category, unit, price, tax information, matching information, and quantity ordered for the line. Oracle Purchasing uses this information to record and update item and price information for purchase orders, quotations, and RFQs.

PO_LINE_ID is the unique system–generated line number invisible to the user. LINE_NUM is the number of the line on the purchase order. Oracle Purchasing uses CONTRACT_NUM to reference a contract purchase order from a standard purchase order line. Oracle Purchasing uses ALLOW_PRICE_OVERRIDE_FLAG, COMMITTED_AMOUNT, QUANTITY_COMMITTED, MIN_RELEASE_AMOUNT only for blanket and planned purchase order lines.

The QUANTITY field stores the total quantity of all purchase order shipment lines (found in PO_LINE_LOCATIONS_ALL).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	NAME	TAX_NAME
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_REVISIONS	REVISION	ITEM_REVISION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_MEAS_LOOKUP_CODE
MTL_UOM_CLASSES_TL	UOM_CLASS	UNIT_OF_MEASURE_CLASS
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID
PO_HEADERS_ALL	PO_HEADER_ID SEGMENT1	PO_HEADER_ID CONTRACT_NUM
PO_HEADERS_ALL	PO_HEADER_ID	FROM_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	FROM_LINE_ID
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID
PO_UN_NUMBERS_B	UN_NUMBER_ID	UN_NUMBER_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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
PRICE_BREAK_LOOKUP_CODE	PRICE BREAK TYPE	PO_LOOKUP_CODES
	CUMULATIVE	Cumulative
	NON CUMULATIVE	Non–Cumulative
PRICE_TYPE_LOOKUP_CODE	PRICE TYPE	PO_LOOKUP_CODES
	COST FEE	Cost Plus Fee
	COST PERCENT	Cost Plus Percentage
	FIXED	Fixed
	INDEXED	Indexed
	VARIABLE	Variable

Column Descriptions

Name	Null?	Type	Description
PO_LINE_ID (PK)	NOT NULL	NUMBER	Document line unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
LINE_TYPE_ID	NOT NULL	NUMBER	Line type unique identifier
LINE_NUM	NOT NULL	NUMBER	Line number
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
ITEM_ID	NULL	NUMBER	Item unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision
CATEGORY_ID	NULL	NUMBER	Item category unique identifier
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
UNIT_MEAS_LOOKUP_CODE	NULL	VARCHAR2(25)	Unit of measure for the quantity ordered
QUANTITY_COMMITTED	NULL	NUMBER	Quantity agreed for an agreement line
COMMITTED_AMOUNT	NULL	NUMBER	Amount agreed for an agreement line
ALLOW_PRICE_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicates whether or not you can change the price on releases
NOT_TO_EXCEED_PRICE	NULL	NUMBER	Price limit that you cannot exceed on a release shipment
LIST_PRICE_PER_UNIT	NULL	NUMBER	List price for the item on the line
UNIT_PRICE	NULL	NUMBER	Unit price for the line
QUANTITY	NULL	NUMBER	Quantity ordered on the line
UN_NUMBER_ID	NULL	NUMBER	UN number unique identifier
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Short note to supplier
FROM_HEADER_ID	NULL	NUMBER	Quotation unique identifier
FROM_LINE_ID	NULL	NUMBER	Quotation line unique identifier
MIN_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity for a quotation line
MAX_ORDER_QUANTITY	NULL	NUMBER	Maximum order quantity for a quotation line
QTY_RCV_TOLERANCE	NULL	NUMBER	Quantity received tolerance percentage
OVER_TOLERANCE_ERROR_FLAG	NULL	VARCHAR2(25)	Indicates whether or not you reject receipts exceeding the tolerance
MARKET_PRICE	NULL	NUMBER	Market price for the item on the line
UNORDERED_FLAG	NULL	VARCHAR2(1)	Indicates whether or not the line was created from unordered receipts
CLOSED_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is closed or not
USER_HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is on hold or not (Unused since release version 5.0)
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is cancelled or not
CANCELLED_BY	NULL	NUMBER(9)	Unique identifier of the employee who cancelled the line
CANCEL_DATE	NULL	DATE	Cancellation date
CANCEL_REASON	NULL	VARCHAR2(240)	Cancellation reason provided by employee
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(30)	Firming status of the line (Unused since release version 7.0)
FIRM_DATE	NULL	DATE	Date the line becomes firmed (Unused since release version 7.0)
VENDOR_PRODUCT_NUM	NULL	VARCHAR2(25)	Supplier product number
CONTRACT_NUM	NULL	VARCHAR2(25)	Contract number referenced on the line

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TAXABLE_FLAG	NULL	VARCHAR2(1)	Indicates whether the document line is taxable or not
TAX_NAME	NULL	VARCHAR2(15)	Tax code applying to the line
TYPE_1099	NULL	VARCHAR2(10)	1099 type for the purchase order line
CAPITAL_EXPENSE_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is for a capital expense or not
NEGOTIATED_BY_PREPARER_FLAG	NULL	VARCHAR2(1)	Indicates whether the buyer negotiated the price or not
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
REFERENCE_NUM	NULL	VARCHAR2(25)	Reference number (Unused since release version 7.0)
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
MIN_RELEASE_AMOUNT	NULL	NUMBER	Minimum amount that can be released against a planned or blanket agreement line
PRICE_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Price type of the line
CLOSED_CODE	NULL	VARCHAR2(25)	Describes closure status of the line
PRICE_BREAK_LOOKUP_CODE	NULL	VARCHAR2(25)	Describes the pricing scheme for blanket agreement line price breaks
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
CLOSED_DATE	NULL	DATE	Date the line is closed
CLOSED_REASON	NULL	VARCHAR2(240)	Describes why the line is closed
CLOSED_BY	NULL	NUMBER(9)	Unique identifier of employee who closed the line
TRANSACTION_REASON_CODE	NULL	VARCHAR2(25)	Transaction reason
ORG_ID	NULL	NUMBER	Operating unit unique identifier
QC_GRADE	NULL	VARCHAR2(25)	Stores the quality control grade wanted on the purchase order line
BASE_UOM	NULL	VARCHAR2(25)	Stores the base unit of measure (UOM) for the item ordered

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
BASE_QTY	NULL	NUMBER	Ordered quantity converted from transaction UOM to base UOM
SECONDARY_UOM	NULL	VARCHAR2(25)	Stores the dual unit of measure for the item ordered
SECONDARY_QTY	NULL	NUMBER	Converted quantity from BASE UOM to DUAL UOM for the item ordered
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country–specific functionality
LINE_REFERENCE_NUM	NULL	VARCHAR2(25)	Audit Trail Reference (needed for 832 EDI transaction)
PROJECT_ID	NULL	NUMBER	Project accounting project unique identifier
TASK_ID	NULL	NUMBER	Project accounting task unique identifier
EXPIRATION_DATE	NULL	DATE	Date after which the item on this catalog line can no longer be ordered
TAX_CODE_ID	NULL	NUMBER	Unique identifier for the tax code

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
OKE_CONTRACT_HEADER_ID	NULL	NUMBER	Contract Id from Oracle Contracts
OKE_CONTRACT_VERSION_ID	NULL	NUMBER	Version Id for contract.

Indexes

Index Name	Index Type	Sequence	Column Name
PO_LINES_N1	NOT UNIQUE	1	ITEM_ID
PO_LINES_N2	NOT UNIQUE	1	CREATION_DATE
PO_LINES_N3	NOT UNIQUE	1	CATEGORY_ID
PO_LINES_N4	NOT UNIQUE	1	FROM_LINE_ID
PO_LINES_N5	NOT UNIQUE	1	ITEM_DESCRIPTION
PO_LINES_N6	NOT UNIQUE	1	VENDOR_PRODUCT_NUM
PO_LINES_N7	NOT UNIQUE	1	CONTRACT_NUM
PO_LINES_N8	NOT UNIQUE	1	CLOSED_BY
PO_LINES_N9	NOT UNIQUE	1	CANCELLED_BY
PO_LINES_U1	UNIQUE	1	PO_LINE_ID
PO_LINES_U2	UNIQUE	1	PO_HEADER_ID
		2	LINE_NUM

Sequences

Sequence	Derived Column
PO_LINES_S	PO_LINE_ID

Database Triggers

```
Trigger Name    : PO_LINES_ALL_T1_ICX
Trigger Time    : AFTER
Trigger Level   : ROW
Trigger Event   : INSERT
```

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

```
Trigger Name    : PO_LINES_ALL_T2_ICX
Trigger Time    : AFTER
Trigger Level   : ROW
Trigger Event   : UPDATE
```

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

```
Trigger Name    : PO_LINES_ALL_T3_ICX
Trigger Time    : AFTER
Trigger Level   : ROW
Trigger Event   : DELETE
```

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_LINE_LOCATIONS_ALL

PO_LINE_LOCATIONS_ALL contains information about purchase order shipment schedules and blanket agreement price breaks. You need one row for each schedule or price break you attach to a document line. There are seven types of documents that use shipment schedules:

- RFQs
- Quotations
- Standard purchase orders
- Planned purchase orders
- Planned purchase order releases
- Blanket purchase orders
- Blanket purchase order releases

Each row includes the location, quantity, and dates for each shipment schedule. Oracle Purchasing uses this information to record delivery schedule information for purchase orders, and price break information for blanket purchase orders, quotations and RFQs.

PO_RELEASE_ID applies only to blanket purchase order release shipments. PO_RELEASE_ID identifies the release on which you placed this shipment.

SOURCE_SHIPMENT_ID applies only to planned purchase order

Oracle Proprietary, Confidential Information—Use Restricted by Contract

release shipments. It identifies the planned purchase order shipment you chose to release from.

PRICE_OVERRIDE always equals the purchase order line price for standard purchase order shipments. For blanket and planned purchase orders, PRICE_OVERRIDE depends on the values of the ALLOW_PRICE_OVERRIDE_FLAG and NOT_TO_EXCEED_PRICE in the corresponding row in PO_LINES_ALL:

- If ALLOW_PRICE_OVERRIDE_FLAG is 'N', then PRICE_OVERRIDE equals UNIT_PRICE in PO_LINES_ALL.

- If ALLOW_PRICE_OVERRIDE_FLAG is 'Y', the PRICE_OVERRIDE can take any value that is smaller than NOT_TO_EXCEED_PRICE in PO_LINES_ALL.

The QUANTITY field corresponds to the total quantity ordered on all purchase order distribution lines (found in PO_DISTRIBUTIONS_ALL).

Oracle Purchasing automatically updates QUANTITY_RECEIVED, QUANTITY_ACCEPTED, and QUANTITY_REJECTED when you receive, return, or inspect goods or services. Oracle Payables automatically updates QUANTITY_BILLED when you match an invoice with a purchase order shipment. Oracle Purchasing automatically updates QUANTITY_CANCELLED when you cancel a purchase order shipment.

Oracle Purchasing sets APPROVED_FLAG to 'Y' when you approve the corresponding purchase order if there are no problems associated with the shipment and its related distributions.

Oracle Purchasing sets ENCUMBERED_FLAG to 'Y' and enters the ENCUMBERED_DATE when you approve a purchase order if you use encumbrance.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	TAX_ID	TAX_CODE_ID
AP_TERMS_TL	TERM_ID	TERMS_ID
HR_LOCATIONS_ALL	LOCATION_ID	SHIP_TO_LOCATION_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_MEAS_LOOKUP_CODE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	LEAD_TIME_UNIT
MTL_UOM_CLASSES_TL	UOM_CLASS	UNIT_OF_MEASURE_CLASS
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_HEADERS_ALL	PO_HEADER_ID	FROM_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINES_ALL	PO_LINE_ID	FROM_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	FROM_LINE_LOCATION_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	SOURCE_SHIPMENT_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	RECEIVING_ROUTING_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Approved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Cancelled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still undergoing Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE–APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Rejected
	REQUIRES REAPPROVAL	The Document has been changed since it was Approved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Returned by a Buyer
	UNFROZEN	The Document is Not Frozen
ENFORCE_SHIP_TO_LOCATION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
QTY_RCV_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
RECEIPT_DAYS_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
SHIPMENT_TYPE	SHIPMENT TYPE	PO_LOOKUP_CODES
	BLANKET	Blanket release shipment
	PLANNED	Planned shipment
	PRICE BREAK	Price Break
	QUOTATION	Quotation shipment
	RFQ	RFQ shipment
	SCHEDULED	Scheduled release shipment
	STANDARD	Standard shipment

Column Descriptions

Name	Null?	Type	Description
LINE_LOCATION_ID (PK)	NOT NULL	NUMBER	Document shipment schedule unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
PO_HEADER_ID	NOT NULL	NUMBER	Document header unique identifier
PO_LINE_ID	NOT NULL	NUMBER	Document line unique identifier
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
QUANTITY	NULL	NUMBER	Quantity ordered or break quantity for blanket purchase orders, RFQs and quotations
QUANTITY_RECEIVED	NULL	NUMBER	Quantity received until today
QUANTITY_ACCEPTED	NULL	NUMBER	Quantity accepted after inspection, up until today
QUANTITY_REJECTED	NULL	NUMBER	Quantity rejected after inspection, up until today
QUANTITY_BILLED	NULL	NUMBER	Quantity invoiced by Oracle Payables, up until today
QUANTITY_CANCELLED	NULL	NUMBER	Quantity cancelled
UNIT_MEAS_LOOKUP_CODE	NULL	VARCHAR2(25)	Price break quantity unit of measure
PO_RELEASE_ID	NULL	NUMBER	Release unique identifier for a release shipment
SHIP_TO_LOCATION_ID	NULL	NUMBER	Unique identifier for the ship–to location
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of carrier for the RFQ or quotation shipment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
NEED_BY_DATE	NULL	DATE	Need–by date for the shipment schedule
PROMISED_DATE	NULL	DATE	Supplier promised delivery date
LAST_ACCEPT_DATE	NULL	DATE	Latest acceptable receipt date for the shipment
PRICE_OVERRIDE	NULL	NUMBER	Order shipment price or break price for blanket purchase orders, RFQs, and quotations
ENCUMBERED_FLAG	NULL	VARCHAR2(1)	Indicates whether the shipment is encumbered or not
ENCUMBERED_DATE	NULL	DATE	Date of encumbrance for the shipment
UNENCUMBERED_QUANTITY	NULL	NUMBER	Encumbered quantity to date (Unused since release version 7.0)
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of free–on–board terms for the shipment
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of freight terms for the RFQ or quotation shipment
TAXABLE_FLAG	NULL	VARCHAR2(1)	Indicates whether the shipment is taxable
TAX_NAME	NULL	VARCHAR2(15)	Tax code for the shipment
ESTIMATED_TAX_AMOUNT	NULL	NUMBER	Estimated tax amount for the purchase order shipment (Unused since release version 6.0)
FROM_HEADER_ID	NULL	NUMBER	Unique identifier of the RFQ used to autocreate the quotation
FROM_LINE_ID	NULL	NUMBER	Unique identifier of the RFQ line used to autocreate the quotation line
FROM_LINE_LOCATION_ID	NULL	NUMBER	Unique identifier of the RFQ shipment used to autocreate a quotation shipment
START_DATE	NULL	DATE	Effective date of the price break (applies to RFQs and quotations only)
END_DATE	NULL	DATE	Expiration date of the price break (applies to RFQs and quotations only)
LEAD_TIME	NULL	NUMBER	Lead time for the price break (applies to RFQs and quotations only)
LEAD_TIME_UNIT	NULL	VARCHAR2(25)	Unit of measure for the lead time
PRICE_DISCOUNT	NULL	NUMBER	Discount percentage for price break (applies to RFQs and quotations only)
TERMS_ID	NULL	NUMBER	Payment terms unique identifier
APPROVED_FLAG	NULL	VARCHAR2(1)	Indicates whether the shipment is approved
APPROVED_DATE	NULL	DATE	Approval date for shipment (Unused since release version 6.0)
CLOSED_FLAG	NULL	VARCHAR2(1)	No longer used
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the shipment is cancelled or not
CANCELLED_BY	NULL	NUMBER(9)	Unique identifier of the employee who cancelled the shipment
CANCEL_DATE	NULL	DATE	Cancellation date

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CANCEL_REASON	NULL	VARCHAR2(240)	Cancellation reason provided by the employee
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(25)	Indicates whether the shipment is firmed or not
FIRM_DATE	NULL	DATE	No longer used
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
UNIT_OF_MEASURE_CLASS	NULL	VARCHAR2(25)	Unit of measure class (Unused since release version 7.0)
ENCUMBER_NOW	NULL	VARCHAR2(1)	Indicates whether the shipment should be encumbered (Unused since release version 7.0)
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether shipment must be inspected before the invoice is paid
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether shipment must be received before the invoice is paid
QTY_RCV_TOLERANCE	NULL	NUMBER	Maximum over–receipt tolerance percentage
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Describes what action is taken when the quantity received tolerance is exceeded
ENFORCE_SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(25)	Describes what action is taken when the receiving location differs from the ship–to location
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Indicates whether substitute items can be received in place of the ordered items
DAYS_EARLY_RECEIPT_ALLOWED	NULL	NUMBER	Maximum acceptable number of days items can be received early
DAYS_LATE_RECEIPT_ALLOWED	NULL	NUMBER	Maximum acceptable number of days items can be received late
RECEIPT_DAYS_EXCEPTION_CODE	NULL	VARCHAR2(25)	Describes what action is taken when items are received earlier or later than the allowed number of days specified
INVOICE_CLOSE_TOLERANCE	NULL	NUMBER	Percentage tolerance within which a shipment is automatically closed for invoicing when billed
RECEIVE_CLOSE_TOLERANCE	NULL	NUMBER	Percentage tolerance within which a shipment is automatically closed for receiving

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SHIP_TO_ORGANIZATION_ID	NULL	NUMBER	Ship–to organization unique identifier
SHIPMENT_NUM	NULL	NUMBER	Shipment line number
SOURCE_SHIPMENT_ID	NULL	NUMBER	Unique identifier of the planned purchase order shipment that was referenced when creating this scheduled release shipment
SHIPMENT_TYPE	NOT NULL	VARCHAR2(25)	Type of the shipment
CLOSED_CODE	NULL	VARCHAR2(25)	Closure status of the shipment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
RECEIVING_ROUTING_ID	NULL	NUMBER	Receipt routing unique identifier
ACCRUE_ON_RECEIPT_FLAG	NULL	VARCHAR2(1)	Indicates whether items are accrued upon receipt
CLOSED_REASON	NULL	VARCHAR2(240)	Why the shipment is closed
CLOSED_DATE	NULL	DATE	Date the shipment is closed
CLOSED_BY	NULL	NUMBER(9)	Unique identifier of employee who closed the shipment
ORG_ID	NULL	NUMBER	Operating unit unique identifier
QUANTITY_SHIPPED	NULL	NUMBER	Quantity shipped
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Country of manufacture for this shipment
TAX_USER_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether somone overrode the default tax
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether the invoice for the shipment should be matched to the purchase order or the receipt
TAX_CODE_ID	NULL	NUMBER	Unique identifier for the tax code
CALCULATE_TAX_FLAG	NULL	VARCHAR2(1)	Indicator of whether tax needs to be calculated
CHANGE_PROMISED_DATE_REASON	NULL	VARCHAR2(240)	Reason for changing the promised–by date
NOTE_TO_RECEIVER	NULL	VARCHAR2(240)	

Indexes

Index Name	Index Type	Sequence	Column Name
PO_LINE_LOCATIONS_N1	NOT UNIQUE	1	PO_LINE_ID
PO_LINE_LOCATIONS_N10	NOT UNIQUE	5	CLOSED_DATE
PO_LINE_LOCATIONS_N2	NOT UNIQUE	1	PO_HEADER_ID
		2	PO_LINE_ID
PO_LINE_LOCATIONS_N3	NOT UNIQUE	1	SHIP_TO_LOCATION_ID
PO_LINE_LOCATIONS_N4	NOT UNIQUE	1	PROMISED_DATE
PO_LINE_LOCATIONS_N5	NOT UNIQUE	1	PO_RELEASE_ID
PO_LINE_LOCATIONS_N6	NOT UNIQUE	1	CLOSED_BY
PO_LINE_LOCATIONS_N7	NOT UNIQUE	1	CANCELLED_BY
PO_LINE_LOCATIONS_N8	NOT UNIQUE	1	SOURCE_SHIPMENT_ID
PO_LINE_LOCATIONS_N9	NOT UNIQUE	5	FROM_LINE_LOCATION_ID
PO_LINE_LOCATIONS_U1	UNIQUE	1	LINE_LOCATION_ID

Sequences

Sequence	Derived Column
PO_LINE_LOCATIONS_S	LINE_LOCATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Approved
	AWAITING PRINTING	The Document is Awaiting Printing
	CANCELLED	The Document has been Cancelled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still undergoing Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	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

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_REQUISITIONS_INTERFACE_ALL

PO_REQUISITIONS_INTERFACE_ALL contains requisition information from other applications. Each row includes all the information necessary to create approved or unapproved requisitions in Oracle Purchasing. The Oracle Purchasing Requisition Import feature uses this information to create new requisition headers, lines and distributions.

You use the Submit Request window to launch the Requisition Import program for any set of rows. You identify the set of rows you want to import by setting the INTERFACE_SOURCE_CODE and BATCH_ID columns appropriately in the interface table.

The Requisition Import program validates your data, derives or defaults additional information and writes an error message for every validation that fails into the PO_INTERFACE_ERRORS table. Then the program groups and numbers requisition lines according to the criteria you specify in the GROUP_CODE and REQ_NUMBER_SEGMENT1 columns, and creates new requisitions.

Most of the columns in the PO_REQUISITIONS_INTERFACE_ALL table are identical to the corresponding columns in the PO_REQUISITIONS_HEADERS_ALL, PO_REQUISITION_LINES_ALL and PO_REQ_DISTRIBUTIONS_ALL tables. You can additionally enter reference information in the INTERFACE_SOURCE_LINE_ID column.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CHARGE_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCRUAL_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	VARIANCE_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	BUDGET_ACCOUNT_ID
GL_DAILY_CONVERSION_RATES_R10	CONVERSION_RATE	RATE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_REVISIONS	REVISION	ITEM_REVISION
MTL_KANBAN_CARDS	KANBAN_CARD_ID	KANBAN_CARD_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY SOURCE_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	DESTINATION_SUBINVENTORY DESTINATION_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID
PO_AGENTS	AGENT_ID	SUGGESTED_BUYER_ID
PO_AUTOSOURCE_DOCUMENTS_ALL	DOCUMENT_HEADER_ID	AUTOSOURCE_DOC_HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_TYPE_CODE	DOCUMENT_TYPE_CODE
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID
PO_NOTES	PO_NOTE_ID	NOTE1_ID
PO_NOTES	PO_NOTE_ID	NOTE2_ID
PO_NOTES	PO_NOTE_ID	NOTE3_ID
PO_NOTES	PO_NOTE_ID	NOTE4_ID
PO_NOTES	PO_NOTE_ID	NOTE5_ID
PO_NOTES	PO_NOTE_ID	NOTE6_ID
PO_NOTES	PO_NOTE_ID	NOTE7_ID
PO_NOTES	PO_NOTE_ID	NOTE8_ID
PO_NOTES	PO_NOTE_ID	NOTE9_ID
PO_NOTES	PO_NOTE_ID	NOTE10_ID
PO_REQUISITION_HEADERS_ALL	REQUISITION_HEADER_ID	REQUISITION_HEADER_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQUISITION_LINE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	REQ_DISTRIBUTION_ID
PO_UN_NUMBERS_B	UN_NUMBER_ID	UN_NUMBER_ID
PO_VENDORS	VENDOR_ID	SUGGESTED_VENDOR_ID
PO_VENDOR_CONTACTS	VENDOR_CONTACT_ID	SUGGESTED_VENDOR_CONTACT_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	SUGGESTED_VENDOR_SITE_ID
WIP_ENTITIES	WIP_ENTITY_ID ORGANIZATION_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID
WIP_LINES	LINE_ID ORGANIZATION_ID	WIP_LINE_ID DESTINATION_ORGANIZATION_ID
WIP_OPERATIONS	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM RESOURCE_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID DESTINATION_ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_RESOURCE_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID ORGANIZATION_ID	WIP_REPETITIVE_SCHEDULE_ID DESTINATION_ORGANIZATION_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
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon delivery

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
REQUISITION_TYPE	DOCUMENT SUBTYPE	PO_LOOKUP_CODES
	BLANKET	Blanket
	PLANNED	Planned
	SCHEDULED	Scheduled
	STANDARD	Standard
SOURCE_TYPE_CODE	REQUISITION SOURCE TYPE	PO_LOOKUP_CODES
	INVENTORY	Inventory Sourced Requisition
	VENDOR	Vendor Sourced Requisition

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NULL	NUMBER	Transaction unique identifier
PROCESS_FLAG	NULL	VARCHAR2(30)	Transaction processing state
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
INTERFACE_SOURCE_CODE	NOT NULL	VARCHAR2(25)	Interface transaction source
INTERFACE_SOURCE_LINE_ID	NULL	NUMBER	Interface transaction reference column
SOURCE_TYPE_CODE	NULL	VARCHAR2(25)	Requisition source
REQUISITION_HEADER_ID	NULL	NUMBER	Requisition header unique identifier
REQUISITION_LINE_ID	NULL	NUMBER	Requisition line unique identifier
REQ_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution unique identifier
REQUISITION_TYPE	NULL	VARCHAR2(25)	Type of requisition
DESTINATION_TYPE_CODE	NOT NULL	VARCHAR2(25)	Requisition destination type
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
QUANTITY	NOT NULL	NUMBER	Quantity ordered
UNIT_PRICE	NULL	NUMBER	Unit price
AUTHORIZATION_STATUS	NOT NULL	VARCHAR2(25)	Authorization status type
BATCH_ID	NULL	NUMBER	Import batch identifier
GROUP_CODE	NULL	VARCHAR2(30)	Import grouping code
DELETE_ENABLED_FLAG	NULL	VARCHAR2(1)	Unused since release version 7.0
UPDATE_ENABLED_FLAG	NULL	VARCHAR2(1)	Unused since release version 7.0
APPROVER_ID	NULL	NUMBER(9)	Approver unique identifier
APPROVER_NAME	NULL	VARCHAR2(240)	Approver name
APPROVAL_PATH_ID	NULL	NUMBER	Approval path unique identifier
NOTE_TO_APPROVER	NULL	VARCHAR2(240)	Note to approver
PREPARER_ID	NULL	NUMBER(9)	Preparer unique identifier
AUTOSOURCE_FLAG	NULL	VARCHAR2(1)	Controls automatic sourcing
REQ_NUMBER_SEGMENT1	NULL	VARCHAR2(20)	Requisition number
REQ_NUMBER_SEGMENT2	NULL	VARCHAR2(20)	Key flexfield segment
REQ_NUMBER_SEGMENT3	NULL	VARCHAR2(20)	Key flexfield segment
REQ_NUMBER_SEGMENT4	NULL	VARCHAR2(20)	Key flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REQ_NUMBER_SEGMENT5	NULL	VARCHAR2(20)	Key flexfield segment
HEADER_DESCRIPTION	NULL	VARCHAR2(240)	Header description
HEADER_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
HEADER_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
HEADER_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
URGENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition is urgent or not
HEADER_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
RFQ_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether an RFQ is required prior to placement on a purchase order
JUSTIFICATION	NULL	VARCHAR2(240)	Purchase justification
NOTE_TO_BUYER	NULL	VARCHAR2(240)	Note to buyer
NOTE_TO_RECEIVER	NULL	VARCHAR2(240)	Note to receiver
ITEM_ID	NULL	NUMBER	Item unique identifier
ITEM_SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision
CHARGE_ACCOUNT_ID	NULL	NUMBER	Unique Identifier for the General Ledger charge account
CHARGE_ACCOUNT_SEGMENT1	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT2	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT3	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT4	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT5	NULL	VARCHAR2(25)	Key flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CHARGE_ACCOUNT_SEGMENT6	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT7	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT8	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT9	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT10	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT11	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT12	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT13	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT14	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT15	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT16	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT17	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT18	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT19	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT20	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT21	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT22	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT23	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT24	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT25	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT26	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT27	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT28	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT29	NULL	VARCHAR2(25)	Key flexfield segment
CHARGE_ACCOUNT_SEGMENT30	NULL	VARCHAR2(25)	Key flexfield segment
CATEGORY_ID	NULL	NUMBER	Category unique identifier
CATEGORY_SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
CATEGORY_SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Unit of measure
UOM_CODE	NULL	VARCHAR2(3)	3–letter unit of measure code
LINE_TYPE_ID	NULL	NUMBER	Requisition line type unique identifier
LINE_TYPE	NULL	VARCHAR2(25)	Requisition line type name
UN_NUMBER_ID	NULL	NUMBER	UN number unique identifier
UN_NUMBER	NULL	VARCHAR2(25)	UN number
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
HAZARD_CLASS	NULL	VARCHAR2(40)	Hazard class

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
MUST_USE_SUGG_VENDOR_FLAG	NULL	VARCHAR2(10)	Unused since release 8.0
REFERENCE_NUM	NULL	VARCHAR2(25)	Reference number
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
WIP_OPERATION_SEQ_NUM	NULL	NUMBER	WIP operation sequence number within a routing
WIP_RESOURCE_SEQ_NUM	NULL	NUMBER	WIP resource sequence number
WIP_REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
PROJECT_NUM	NULL	VARCHAR2(25)	Project accounting project number
TASK_NUM	NULL	VARCHAR2(25)	Project accounting task number
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Project accounting expenditure type
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Source organization unique identifier
SOURCE_ORGANIZATION_CODE	NULL	VARCHAR2(3)	3–letter source organization code
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Source subinventory
DESTINATION_ORGANIZATION_ID	NULL	NUMBER	Destination organization unique identifier
DESTINATION_ORGANIZATION_CODE	NULL	VARCHAR2(3)	3–letter destination organization code
DESTINATION_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory
DELIVER_TO_LOCATION_ID	NULL	NUMBER	Deliver–to–location unique identifier
DELIVER_TO_LOCATION_CODE	NULL	VARCHAR2(20)	Deliver–to–location code
DELIVER_TO_REQUESTOR_ID	NULL	NUMBER(9)	Requestor unique identifier
DELIVER_TO_REQUESTOR_NAME	NULL	VARCHAR2(240)	Requestor name
SUGGESTED_BUYER_ID	NULL	NUMBER(9)	Suggested buyer unique identifier
SUGGESTED_BUYER_NAME	NULL	VARCHAR2(240)	Suggested buyer name
SUGGESTED_VENDOR_NAME	NULL	VARCHAR2(80)	Suggested supplier name
SUGGESTED_VENDOR_ID	NULL	NUMBER	Suggested supplier unique identifier
SUGGESTED_VENDOR_SITE	NULL	VARCHAR2(15)	Suggested supplier site
SUGGESTED_VENDOR_SITE_ID	NULL	NUMBER	Suggested supplier site unique identifier
SUGGESTED_VENDOR_CONTACT	NULL	VARCHAR2(80)	Suggested supplier contact
SUGGESTED_VENDOR_CONTACT_ID	NULL	NUMBER	Suggested supplier contact unique identifier
SUGGESTED_VENDOR_PHONE	NULL	VARCHAR2(20)	Suggested supplier phone number
SUGGESTED_VENDOR_ITEM_NUM	NULL	VARCHAR2(25)	Suggested supplier item number
LINE_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
LINE_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
LINE_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
NEED_BY_DATE	NULL	DATE	Date the requisition is needed internally
NOTE1_ID	NULL	NUMBER	Note unique identifier
NOTE2_ID	NULL	NUMBER	Note unique identifier
NOTE3_ID	NULL	NUMBER	Note unique identifier
NOTE4_ID	NULL	NUMBER	Note unique identifier
NOTE5_ID	NULL	NUMBER	Note unique identifier
NOTE6_ID	NULL	NUMBER	Note unique identifier
NOTE7_ID	NULL	NUMBER	Note unique identifier
NOTE8_ID	NULL	NUMBER	Note unique identifier
NOTE9_ID	NULL	NUMBER	Note unique identifier
NOTE10_ID	NULL	NUMBER	Note unique identifier
NOTE1_TITLE	NULL	VARCHAR2(80)	Note title
NOTE2_TITLE	NULL	VARCHAR2(80)	Note title
NOTE3_TITLE	NULL	VARCHAR2(80)	Note title
NOTE4_TITLE	NULL	VARCHAR2(80)	Note title
NOTE5_TITLE	NULL	VARCHAR2(80)	Note title
NOTE6_TITLE	NULL	VARCHAR2(80)	Note title
NOTE7_TITLE	NULL	VARCHAR2(80)	Note title
NOTE8_TITLE	NULL	VARCHAR2(80)	Note title
NOTE9_TITLE	NULL	VARCHAR2(80)	Note title
NOTE10_TITLE	NULL	VARCHAR2(80)	Note title
GL_DATE	NULL	DATE	Date the distribution should be encumbered
DIST_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
DISTRIBUTION_ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
DISTRIBUTION_ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
PREPARER_NAME	NULL	VARCHAR2(240)	Preparer name
BOM_RESOURCE_ID	NULL	NUMBER	BOM resource unique identifier
ACCRUAL_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger accrual account
VARIANCE_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger variance account
BUDGET_ACCOUNT_ID	NULL	NUMBER	Unique identifier for the General Ledger budget account
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CURRENCY_CODE	NULL	VARCHAR2(15)	Currency unique identifier
CURRENCY_UNIT_PRICE	NULL	NUMBER	Currency unit price
RATE	NULL	NUMBER	Exchange rate
RATE_DATE	NULL	DATE	Exchange rate date
RATE_TYPE	NULL	VARCHAR2(30)	Exchange rate type
PREVENT_ENCUMBRANCE_FLAG	NULL	VARCHAR2(1)	Indicator of whether or not encumbrance is needed
AUTOSOURCE_DOC_HEADER_ID	NULL	NUMBER	Source document header unique identifier
AUTOSOURCE_DOC_LINE_NUM	NULL	NUMBER	Source document line number
PROJECT_ACCOUNTING_CONTEXT	NULL	VARCHAR2(30)	Project accounting descriptive flexfield context column
EXPENDITURE_ORGANIZATION_ID	NULL	NUMBER	Project accounting expenditure organization unique identifier
PROJECT_ID	NULL	NUMBER	Project accounting project unique identifier
TASK_ID	NULL	NUMBER	Project accounting task unique identifier
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Project Manufacturing end item unit number
EXPENDITURE_ITEM_DATE	NULL	DATE	Project accounting expenditure item date
DOCUMENT_TYPE_CODE	NULL	VARCHAR2(25)	Document type
ORG_ID	NULL	NUMBER	Operating unit unique identifier
TRANSACTION_REASON_CODE	NULL	VARCHAR2(25)	Transaction reason
ALLOCATION_TYPE	NULL	VARCHAR2(25)	Method of allocation across distributions. Can be PERCENT.
ALLOCATION_VALUE	NULL	NUMBER	Allocation Split Value
MULTI_DISTRIBUTIONS	NULL	VARCHAR2(1)	Indicator of whether this requisition should have multiple distributions
REQ_DIST_SEQUENCE_ID	NULL	NUMBER	Foreign key to PO_REQ_DIST_INTERFACE table
KANBAN_CARD_ID	NULL	NUMBER	Primary key for the kanban card
EMERGENCY_PO_NUM	NULL	VARCHAR2(20)	Purchase order number reserved in advance for an emergency requisition
AWARD_ID	NULL	NUMBER(15)	Award identifier
TAX_CODE_ID	NULL	NUMBER	Unique identifier for the tax
OKE_CONTRACT_HEADER_ID	NULL	NUMBER	
OKE_CONTRACT_NUM	NULL	VARCHAR2(120)	
OKE_CONTRACT_VERSION_ID	NULL	NUMBER	
OKE_CONTRACT_LINE_ID	NULL	NUMBER	
OKE_CONTRACT_LINE_NUM	NULL	VARCHAR2(150)	
OKE_CONTRACT_DELIVERABLE_ID	NULL	NUMBER	
OKE_CONTRACT_DELIVERABLE_NUM	NULL	VARCHAR2(150)	

Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQUISITIONS_INTERFACE_N1	NOT UNIQUE	1	ITEM_ID
PO_REQUISITIONS_INTERFACE_N2	NOT UNIQUE	1	DELIVER_TO_LOCATION_ID
PO_REQUISITIONS_INTERFACE_N3	NOT UNIQUE	1	SOURCE_ORGANIZATION_ID
PO_REQUISITIONS_INTERFACE_N4	NOT UNIQUE	1	DESTINATION_ORGANIZATION_ID
PO_REQUISITIONS_INTERFACE_N5	NOT UNIQUE	1	REQUEST_ID
		2	REQ_NUMBER_SEGMENT1
PO_REQUISITIONS_INTERFACE_N6	NOT UNIQUE	1	PROCESS_FLAG

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PO_REQUISITIONS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
PO_REQUISITIONS_INTERFACE_S	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_REQUISITION_HEADERS_ALL

PO_REQUISITION_HEADERS_ALL stores information about requisition headers. You need one row for each requisition header you create. Each row contains the requisition number, preparer, status, and description.

REQUISITION_HEADER_ID is the unique system–generated requisition number. REQUISITION_HEADER_ID is invisible to the user. SEGMENT1 is the number you use to identify the requisition in forms and reports. Oracle Purchasing generates SEGMENT1 using the PO_UNIQUE_IDENTIFIER_CONTROL table if you choose to let Oracle Purchasing generate requisition numbers for you.

PO_REQUISITION_HEADERS_ALL is one of three tables storing requisition information. PO_REQUISITION_HEADERS_ALL corresponds to the Header region of the Requisitions window.

SEGMENT1 provides unique values for each row in the table in addition to REQUISITION_HEADER_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
PO_REQUISITIONS_INTERFACE_ALL	INTERFACE_SOURCE_CODE	INTERFACE_SOURCE_CODE
PO_REQUISITIONS_INTERFACE_ALL	INTERFACE_SOURCE_LINE_ID	INTERFACE_SOURCE_LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTHORIZATION_STATUS	AUTHORIZATION STATUS	PO_LOOKUP_CODES
	APPROVED	Document has been Approved
	CANCELLED	Document has been Cancelled
	IN PROCESS	Document is still undergoing Approval
	INCOMPLETE	Document is not yet Complete
	PRE–APPROVED	Document is Approved but not yet Accepted
	REJECTED	Document as been Rejected
	REQUIRES REAPPROVAL	Requires Reapproval
	RETURNED	Document has been Returned
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been Approved
	AWAITING PRINTING	The Document is Awaiting Printing

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	CANCELLED	The Document has been Cancelled
	CLOSED	The Document is Closed
	CLOSED FOR INVOICE	Closed For Invoice
	CLOSED FOR RECEIVING	Closed For Receiving
	FINALLY CLOSED	Finally Closed
	FROZEN	The Document is Frozen
	IN PROCESS	The Document is still undergoing Approval processing
	INCOMPLETE	The Document is not yet complete
	NOT ON HOLD	The document is Not On Hold
	NOT RESERVED	The document is Not Reserved
	ON HOLD	The Document is On Hold
	OPEN	The Document is Open
	PRE–APPROVED	The Document is Approved but not yet Accepted
	PRINTED	The Document has been Printed
	REJECTED	The Document has been Rejected
	REQUIRES REAPPROVAL	The Document has been changed since it was Approved
	RESERVED	Funds have been Reserved for the Document
	RETURNED	The Document has been Returned by a Buyer
	UNFROZEN	The Document is Not Frozen
TYPE_LOOKUP_CODE	DOCUMENT TYPE	PO_LOOKUP_CODES
	PA	Purchase Agreement
	PO	Purchase Order
	QUOTATION	Quotation
	RELEASE	Purchase Order Release
	REQUISITION	Requisition
	RFQ	Request for Quotation

Column Descriptions

Name	Null?	Type	Description
REQUISITION_HEADER_ID (PK)	NOT NULL	NUMBER	Requisition header unique identifier
PREPARER_ID	NOT NULL	NUMBER(9)	Unique identifier of the employee who prepared the requisition
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
SEGMENT1	NOT NULL	VARCHAR2(20)	Requisition number
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Key flexfield enabled flag
SEGMENT2	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description for requisition
AUTHORIZATION_STATUS	NULL	VARCHAR2(25)	Authorization status type
NOTE_TO_AUTHORIZER	NULL	VARCHAR2(240)	Note to approver (Unused since release 8.0)
TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Requisition type
TRANSFERRED_TO_OE_FLAG	NULL	VARCHAR2(1)	Indicates whether an internal requisition has been transferred to Order Management
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ON_LINE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PRELIMINARY_RESEARCH_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
RESEARCH_COMPLETE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PREPARER_FINISHED_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
PREPARER_FINISHED_DATE	NULL	DATE	Unused since release 7.0
AGENT_RETURN_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
AGENT_RETURN_NOTE	NULL	VARCHAR2(240)	Unused since release 7.0
CANCEL_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(25)	Source of requisition from Requisition Import
INTERFACE_SOURCE_LINE_ID	NULL	NUMBER	Source requisition line identifier from Requisition Import
CLOSED_CODE	NULL	VARCHAR2(25)	Close status
ORG_ID	NULL	NUMBER	Operating unit unique identifier
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Approval workflow item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Approval workflow item key
EMERGENCY_PO_NUM	NULL	VARCHAR2(20)	Purchase order number reserved in advance for an emergency requisition
PCARD_ID	NULL	NUMBER(15)	Unique dentifer for procurement card used for the order

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
APPS_SOURCE_CODE	NULL	VARCHAR2(25)	Application source code, indicating the creation method for the requisition

Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_HEADERS_N1	NOT UNIQUE	1	PREPARER_ID
PO_REQUISITION_HEADERS_N2	NOT UNIQUE	1	CREATION_DATE
PO_REQUISITION_HEADERS_N3	NOT UNIQUE	1	AUTHORIZATION_STATUS
PO_REQUISITION_HEADERS_N4	NOT UNIQUE	1	TRANSFERRED_TO_OE_FLAG
PO_REQUISITION_HEADERS_N5	NOT UNIQUE	1	WF_ITEM_TYPE
		2	WF_ITEM_KEY
PO_REQUISITION_HEADERS_U1	UNIQUE	1	REQUISITION_HEADER_ID
PO_REQUISITION_HEADERS_U2	UNIQUE	1	SEGMENT1
		2	ORG_ID

Sequences

Sequence	Derived Column
PO_REQUISITION_HEADERS_S	REQUISITION_HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_REQUISITION_LINES_ALL

PO_REQUISITION_LINES stores information about requisition lines. You need one row for each requisition line you create. Each row contains the line number, item number, item category, item description, need–by date, deliver–to location, item quantities, units, prices, requestor, notes, and suggested supplier information for the requisition line.

LINE_LOCATION_ID identifies the purchase order shipment line on which you placed the requisition. LINE_LOCATION_ID is null if you have not placed the requisition line on a purchase order. BLANKET_PO_HEADER_ID and BLANKET_PO_LINE_NUM store the suggested blanket purchase agreement or catalog quotation line information for the requisition line. PARENT_REQ_LINE_ID contains the REQUISITION_LINE_ID from the original requisition line if you exploded or multisourced this requisition line.

PO_REQUISITION_LINES is one of three tables storing requisition information. This table corresponds to the Lines region of the Requisitions window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	TAX_ID	TAX_CODE_ID
BOM_RESOURCES	RESOURCE_ID	BOM_RESOURCE_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_RATES_R10	CONVERSION_DATE	RATE_DATE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_REVISIONS	REVISION	ITEM_REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SOURCE_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	DESTINATION_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_MEAS_LOOKUP_CODE
MTL_UOM_CLASSES_TL	UOM_CLASS	UNIT_OF_MEASURE_CLASS
PO_AGENTS	AGENT_ID	SUGGESTED_BUYER_ID
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_TYPE_CODE	DOCUMENT_TYPE_CODE
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID
PO_HEADERS_ALL	PO_HEADER_ID	BLANKET_PO_HEADER_ID
PO_LINES_ALL	LINE_NUM	BLANKET_PO_LINE_NUM
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	LINE_LOCATION_ID
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID
PO_REQUISITION_HEADERS_ALL	REQUISITION_HEADER_ID	REQUISITION_HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	PARENT_REQ_LINE_ID
PO_UN_NUMBERS_B	UN_NUMBER_ID	UN_NUMBER_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_CONTACTS	VENDOR_CONTACT_ID	VENDOR_CONTACT_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	WIP_LINE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been 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
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon delivery
DOCUMENT_TYPE_CODE	SOURCE DOCUMENT TYPE	PO_LOOKUP_CODES
	BLANKET	Blanket Purchase Order
	QUOTATION	Quotation

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
SOURCE_TYPE_CODE	REQUISITION SOURCE TYPE	PO_LOOKUP_CODES
	INVENTORY	Inventory Sourced Requisition
	VENDOR	Vendor Sourced Requisition

Column Descriptions

Name	Null?	Type	Description
REQUISITION_LINE_ID (PK)	NOT NULL	NUMBER	Requisition line unique identifier
REQUISITION_HEADER_ID	NOT NULL	NUMBER	Requisition header unique identifier
LINE_NUM	NOT NULL	NUMBER	Line number
LINE_TYPE_ID	NOT NULL	NUMBER	Line type
CATEGORY_ID	NOT NULL	NUMBER	Item category unique identifier
ITEM_DESCRIPTION	NOT NULL	VARCHAR2(240)	Item description
UNIT_MEAS_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Unit of measure
UNIT_PRICE	NOT NULL	NUMBER	Unit price in functional currency
QUANTITY	NOT NULL	NUMBER	Quantity ordered
DELIVER_TO_LOCATION_ID	NOT NULL	NUMBER	Deliver-to location unique identifier
TO_PERSON_ID	NOT NULL	NUMBER(9)	Requestor unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
SOURCE_TYPE_CODE	NOT NULL	VARCHAR2(25)	Requisition source type of item
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
ITEM_ID	NULL	NUMBER	Item unique identifier
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision
QUANTITY_DELIVERED	NULL	NUMBER	Quantity delivered to date
SUGGESTED_BUYER_ID	NULL	NUMBER(9)	Suggested buyer unique identifier
ENCUMBERED_FLAG	NULL	VARCHAR2(1)	Indicates whether the distribution is encumbered. When encumbrance is not enabled, this column will be used as an internal flag.
RFQ_REQUIRED_FLAG	NULL	VARCHAR2(1)	Indicates whether an RFQ is required prior to placement on a purchase order
NEED_BY_DATE	NULL	DATE	Date the requisition is needed internally
LINE_LOCATION_ID	NULL	NUMBER	Document shipment schedule unique identifier
MODIFIED_BY_AGENT_FLAG	NULL	VARCHAR2(1)	Indicates whether a buyer modified this line or not
PARENT_REQ_LINE_ID	NULL	NUMBER	Unique identifier of the parent requisition line for a modified requisition line
JUSTIFICATION	NULL	VARCHAR2(240)	Purchase justification
NOTE_TO_AGENT	NULL	VARCHAR2(240)	Note to buyer
NOTE_TO_RECEIVER	NULL	VARCHAR2(240)	Note to deliverer
PURCHASING_AGENT_ID	NULL	NUMBER(9)	Unique identifier of the buyer who modified the requisition line
DOCUMENT_TYPE_CODE	NULL	VARCHAR2(25)	Source document type

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
BLANKET_PO_HEADER_ID	NULL	NUMBER	Suggested source blanket agreement or catalog quotation header unique identifier
BLANKET_PO_LINE_NUM	NULL	NUMBER	Suggested source blanket agreement or catalog quotation line number
CURRENCY_CODE	NULL	VARCHAR2(15)	Unique identifier for the currency
RATE_TYPE	NULL	VARCHAR2(30)	Currency conversion rate type
RATE_DATE	NULL	DATE	Currency conversion rate date
RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_UNIT_PRICE	NULL	NUMBER	Foreign currency unit price
SUGGESTED_VENDOR_NAME	NULL	VARCHAR2(80)	Suggested supplier name
SUGGESTED_VENDOR_LOCATION	NULL	VARCHAR2(240)	Suggested supplier site name
SUGGESTED_VENDOR_CONTACT	NULL	VARCHAR2(80)	Suggested supplier contact name
SUGGESTED_VENDOR_PHONE	NULL	VARCHAR2(20)	Suggested supplier phone number
SUGGESTED_VENDOR_PRODUCT_CODE	NULL	VARCHAR2(25)	Suggested supplier product number
UN_NUMBER_ID	NULL	NUMBER	UN number unique identifier
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
MUST_USE_SUGG_VENDOR_FLAG	NULL	VARCHAR2(1)	Unused since release 8.0
REFERENCE_NUM	NULL	VARCHAR2(25)	Reference number
ON_RFQ_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition line was placed on an RFQ
URGENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition is urgent or not
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition is cancelled or not
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Inventory source organization unique identifier
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Inventory source subinventory name
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destination type
DESTINATION_ORGANIZATION_ID	NULL	NUMBER	Destination organization unique identifier
DESTINATION_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory name
QUANTITY_CANCELLED	NULL	NUMBER	Quantity cancelled
CANCEL_DATE	NULL	DATE	Cancel date
CANCEL_REASON	NULL	VARCHAR2(240)	Cancel reason
CLOSED_CODE	NULL	VARCHAR2(25)	Close status
AGENT_RETURN_NOTE	NULL	VARCHAR2(240)	Unused since release 7.0
CHANGED_AFTER_RESEARCH_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site unique identifier
VENDOR_CONTACT_ID	NULL	NUMBER	Supplier contact unique identifier
RESEARCH_AGENT_ID	NULL	NUMBER(9)	Unused since release 7.0
ON_LINE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
WIP_REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
WIP_OPERATION_SEQ_NUM	NULL	NUMBER	WIP operation sequence number within a routing
WIP_RESOURCE_SEQ_NUM	NULL	NUMBER	WIP resource sequence number
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Destination descriptive flexfield context column
INVENTORY_SOURCE_CONTEXT	NULL	VARCHAR2(30)	Inventory source descriptive flexfield context column
VENDOR_SOURCE_CONTEXT	NULL	VARCHAR2(30)	Supplier source descriptive flexfield context column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment .
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
BOM_RESOURCE_ID	NULL	NUMBER	BOM resource unique identifier
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
CLOSED_REASON	NULL	VARCHAR2(240)	Close reason
CLOSED_DATE	NULL	DATE	Close date
TRANSACTION_REASON_CODE	NULL	VARCHAR2(25)	Transaction reason
QUANTITY_RECEIVED	NULL	NUMBER	Quantity received
SOURCE_REQ_LINE_ID	NULL	NUMBER	Source requisition line identifier
ORG_ID	NULL	NUMBER	Operating unit unique identifier
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country–specific functionality
KANBAN_CARD_ID	NULL	NUMBER	Primary key for the Kanban Card
CATALOG_TYPE	NULL	VARCHAR2(30)	Catalog type
CATALOG_SOURCE	NULL	VARCHAR2(30)	Catalog source
MANUFACTURER_ID	NULL	NUMBER	Manufacturer unique identifier
MANUFACTURER_NAME	NULL	VARCHAR2(30)	Manufacturer name
MANUFACTURER_PART_NUMBER	NULL	VARCHAR2(30)	Manufacturer part number
REQUESTER_EMAIL	NULL	VARCHAR2(240)	Requester e–mail address
REQUESTER_FAX	NULL	VARCHAR2(60)	Requester facsimile number
REQUESTER_PHONE	NULL	VARCHAR2(60)	Requester phone number
UNSPSC_CODE	NULL	VARCHAR2(30)	Standard Product and Service Code
OTHER_CATEGORY_CODE	NULL	VARCHAR2(30)	Other category code
SUPPLIER_DUNS	NULL	VARCHAR2(30)	Data Universal Numbering System Code
TAX_STATUS_INDICATOR	NULL	VARCHAR2(30)	Tax status
PCARD_FLAG	NULL	VARCHAR2(1)	Indicator that this line is ordered using a procurement card
NEW_SUPPLIER_FLAG	NULL	VARCHAR2(1)	Indicator that this is a new supplier
AUTO_RECEIVE_FLAG	NULL	VARCHAR2(1)	Allow auto–receiving
TAX_USER_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether someone overrode the default tax
TAX_CODE_ID	NULL	NUMBER	Unique identifier for the tax code
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Note to supplier
OKE_CONTRACT_VERSION_ID	NULL	NUMBER	Stores the contract version number
OKE_CONTRACT_HEADER_ID	NULL	NUMBER	Stores the header id of a contract
ITEM_SOURCE_ID	NULL	NUMBER	
SUPPLIER_REF_NUMBER	NULL	VARCHAR2(150)	

Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_LINES_N1	NOT UNIQUE	1	LINE_LOCATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_LINES_N10	NOT UNIQUE	5	DELIVER_TO_LOCATION_ID
PO_REQUISITION_LINES_N11	NOT UNIQUE	5	SUGGESTED_VENDOR_PRODUCT_CODE
PO_REQUISITION_LINES_N2	NOT UNIQUE	1	CATEGORY_ID
PO_REQUISITION_LINES_N3	NOT UNIQUE	1	NEED_BY_DATE
PO_REQUISITION_LINES_N4	NOT UNIQUE	1	TO_PERSON_ID
PO_REQUISITION_LINES_N5	NOT UNIQUE	1	SUGGESTED_VENDOR_NAME
PO_REQUISITION_LINES_N6	NOT UNIQUE	1	SUGGESTED_BUYER_ID
PO_REQUISITION_LINES_N7	NOT UNIQUE	1	ITEM_ID
PO_REQUISITION_LINES_N8	NOT UNIQUE	1	BLANKET_PO_HEADER_ID
PO_REQUISITION_LINES_N9	NOT UNIQUE	2	WIP_ENTITY_ID
		4	WIP_OPERATION_SEQ_NUM
		6	WIP_RESOURCE_SEQ_NUM
		8	DESTINATION_ORGANIZATION_ID
		10	WIP_REPETITIVE_SCHEDULE_ID
PO_REQUISITION_LINES_U1	UNIQUE	1	REQUISITION_LINE_ID
PO_REQUISITION_LINES_U2	UNIQUE	1	REQUISITION_HEADER_ID
		2	LINE_NUM

Sequences

Sequence	Derived Column
PO_REQUISITION_LINES_S	REQUISITION_LINE_ID

Database Triggers

```
Trigger Name    : JL_BR_PO_IMPORT_REQUISITIONS
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : INSERT
```

This trigger is executed on insert of a row in PO_REQUISTION_LINES_ALL when TRANSACTION_REASON_CODE is null. TRANSACTION_REASON_CODE is populated from the inventory item, if available, or from PO_SYSTEM_PARAMETERS. This is done only if the country is Brazil (country_code = 'BR') and the Latin America Localizations for Brazil (product_code = 'JL') is installed. For Brazilian PO localizations, TRANSACTION_REASON_CODE is a required field. In all other cases, this trigger does nothing. new.transaction_reason_code is null

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_SYSTEM_PARAMETERS_ALL

PO_SYSTEM_PARAMETERS_ALL stores default, control, and option information you provide to customize Oracle Purchasing to your company's needs. PO_SYSTEM_PARAMETERS_ALL corresponds to the Purchasing Options window. This table has no primary key. The table should never have more than one row.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCRUED_CODE_COMBINATION_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	DEFAULT_RATE_TYPE
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENFORCE_FULL_LOT_QUANTITIES	ENFORCE FULL LOT QUANTITIES	PO_LOOKUP_CODES
	ADVISORY	The rounded quantity will be displayed for information only
	MANDATORY	Requested quantity will be forced to the rounded quantity
	NONE	No quantity rounding will be performed
EXPENSE_ACCRUAL_CODE	EXPENSE ACCRUAL OPTION	PO_LOOKUP_CODES
	PERIOD END	Accrue at period end
	RECEIPT	Accrue on receipt of items
INVENTORY_ACCRUAL_CODE	INVENTORY ACCRUAL OPTION	PO_LOOKUP_CODES
	RECEIPT	Accrue on receipt of items
MANUAL_PO_NUM_TYPE	NUMERIC OR ALPHANUMERIC	PO_LOOKUP_CODES
	ALPHANUMERIC	Alphanumeric value
	NUMERIC	Numeric value
MANUAL_QUOTE_NUM_TYPE	NUMERIC OR ALPHANUMERIC	PO_LOOKUP_CODES
	ALPHANUMERIC	Alphanumeric value
	NUMERIC	Numeric value
MANUAL_RECEIPT_NUM_TYPE	NUMERIC OR ALPHANUMERIC	PO_LOOKUP_CODES
	ALPHANUMERIC	Alphanumeric value
	NUMERIC	Numeric value
MANUAL_REQ_NUM_TYPE	NUMERIC OR ALPHANUMERIC	PO_LOOKUP_CODES
	ALPHANUMERIC	Alphanumeric value
	NUMERIC	Numeric value
MANUAL_RFQ_NUM_TYPE	NUMERIC OR ALPHANUMERIC	PO_LOOKUP_CODES
	ALPHANUMERIC	Alphanumeric value
	NUMERIC	Numeric value
PRICE_BREAK_LOOKUP_CODE	PRICE BREAK TYPE	PO_LOOKUP_CODES
	CUMULATIVE	Cumulative

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	NON CUMULATIVE	Non-Cumulative
PRICE_TYPE_LOOKUP_CODE	PRICE TYPE	PO_LOOKUP_CODES
	COST FEE	Cost Plus Fee
	COST PERCENT	Cost Plus Percentage
	FIXED	Fixed
	INDEXED	Indexed
	VARIABLE	Variable
RECEIVE_CLOSE_CODE	RECEIVE CLOSE	PO_LOOKUP_CODES
	ACCEPTED	Upon Acceptance of Goods
	DELIVERED	Upon Delivery of Goods
	RECEIVED	Upon Receipt of Goods
REQIMPORT_GROUP_BY_CODE	REQIMPORT GROUP BY	PO_LOOKUP_CODES
	ALL	Group all Reqs together
	BUYER	Group by Buyer
	CATEGORY	Group by Category
	ITEM	Group by Item
	LOCATION	Group by Location
	VENDOR	Group by Vendor
USER_DEFINED_PO_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
USER_DEFINED_QUOTE_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
USER_DEFINED_RECEIPT_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
USER_DEFINED_REQ_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
USER_DEFINED_RFQ_NUM_CODE	MANUAL OR AUTOMATIC	PO_LOOKUP_CODES
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers

Column Descriptions

Name	Null?	Type	Description
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
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
ACCRUED_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier of the Receipt accrual General Ledger account
PRICE_CHANGE_ALLOWANCE	NULL	NUMBER	Price difference percentage you allow between requisition and purchase order price
REQ_CAN_AUTHORIZE	NULL	VARCHAR2(1)	No longer used
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether you require inspection for items you order

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ENFORCE_PRICE_CHANGE_ALLOWANCE	NULL	VARCHAR2(1)	Indicates whether you enforce the requisition price to purchase order price tolerance during purchase order approval
DEFAULT_RATE_TYPE	NULL	VARCHAR2(25)	Default currency rate type for your documents
TAXABLE_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether your purchases are taxable
USER_DEFINED_RECEIPT_NUM_CODE	NULL	VARCHAR2(25)	Receipt numbering type
MANUAL_RECEIPT_NUM_TYPE	NULL	VARCHAR2(25)	Receipt number type
USER_DEFINED_QUOTE_NUM_CODE	NULL	VARCHAR2(25)	Quotation numbering type
MANUAL_QUOTE_NUM_TYPE	NULL	VARCHAR2(25)	Quotation number type
USER_DEFINED_RFQ_NUM_CODE	NULL	VARCHAR2(25)	RFQ numbering type
MANUAL_RFQ_NUM_TYPE	NULL	VARCHAR2(25)	RFQ number type
USER_DEFINED_PO_NUM_CODE	NULL	VARCHAR2(25)	Purchase order numbering type
MANUAL_PO_NUM_TYPE	NULL	VARCHAR2(25)	Purchase order number type
USER_DEFINED_REQ_NUM_CODE	NULL	VARCHAR2(25)	Requisition numbering type
MANUAL_REQ_NUM_TYPE	NULL	VARCHAR2(25)	Requisition number type
DEFAULT_QUOTE_WARNING_DELAY	NULL	NUMBER	Default warning delay for quotations
ENFORCE_BUYER_AUTHORITY_FLAG	NULL	VARCHAR2(1)	No longer used
ENFORCE_BUYER_NAME_FLAG	NULL	VARCHAR2(1)	Indicates whether you allow changing the name of the buyer on a purchase order to any name
ENFORCE_VENDOR_HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether you enforce supplier holds during purchase order approval
NOTIFY_IF_BLANKET_FLAG	NULL	VARCHAR2(1)	Indicates whether you want to notify requestors when a blanket purchase order exists for items they request
RFQ_REQUIRED_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether you require RFQs for requisitions
PO_DOCUMENT_REPORT_ID	NULL	NUMBER	No longer used
PO_DOCUMENT_PRINT_FLAG	NULL	VARCHAR2(1)	No longer used
RFQ_DOCUMENT_REPORT_ID	NULL	NUMBER	No longer used
RFQ_DOCUMENT_PRINT_FLAG	NULL	VARCHAR2(1)	No longer used
LINE_TYPE_ID	NULL	NUMBER	Unique identifier of the line type you use on your documents
NEXT_APPROVER_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of next approver logic
RECEIVING_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether you require receipt for items you order or not
ALLOW_ITEM_DESC_UPDATE_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether item descriptions can be updated on document lines
DISPOSITION_WARNING_FLAG	NULL	VARCHAR2(1)	Default value that indicates whether disposition messages are displayed for items
ENFORCE_FULL_LOT_QUANTITIES	NULL	VARCHAR2(25)	Default value that indicates whether full lot quantities are enforced
SECURITY_POSITION_STRUCTURE_ID	NULL	NUMBER	Security hierarchy for document types with hierarchy security level
MIN_RELEASE_AMOUNT	NULL	NUMBER	Default minimum release amount for blanket and planned purchase orders in functional currency

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PRICE_TYPE_LOOKUP_CODE	NULL	VARCHAR2(25)	Default price type for purchase orders
NOTIFICATION_WARNING_DELAY	NULL	NUMBER	Not currently used
PRICE_BREAK_LOOKUP_CODE	NULL	VARCHAR2(25)	Default price break type for catalog quotations and blanket agreements
INVOICE_CLOSE_CODE	NULL	VARCHAR2(25)	Not currently used
RECEIVE_CLOSE_CODE	NULL	VARCHAR2(25)	Default receiving close point
INVOICE_CLOSE_TOLERANCE	NULL	NUMBER	Default invoice close tolerance percent
RECEIVE_CLOSE_TOLERANCE	NULL	NUMBER	Default receiving close tolerance percent
CANCEL_REQS_ON_PO_CANCEL_FLAG	NULL	VARCHAR2(1)	Default value that indicates if a requisition is cancelled when the purchase order is cancelled
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
REQIMPORT_GROUP_BY_CODE	NULL	VARCHAR2(25)	Default Requisition Import group–by method
EXPENSE_ACCRUAL_CODE	NULL	VARCHAR2(25)	Accrual option for expense items
INVENTORY_ACCRUAL_CODE	NULL	VARCHAR2(25)	Accrual option for inventory items
ORDER_TYPE_ID	NULL	NUMBER	Order type for internal requisitions
ORDER_SOURCE_ID	NULL	NUMBER	Order source for internal requisitions
SALESREP_ID	NULL	NUMBER	Not currently used
TERM_ID	NULL	NUMBER	Not currently used
ORG_ID	NULL	NUMBER	Operating unit unique identifier
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country–specific functionality
TAX_FROM_SHIP_TO_LOC_FLAG	NULL	VARCHAR2(1)	Default tax code from ship–to location
TAX_FROM_ITEM_FLAG	NULL	VARCHAR2(1)	Default tax code from the inventory item
TAX_FROM_VENDOR_FLAG	NULL	VARCHAR2(1)	Default tax code from the supplier
TAX_FROM_VENDOR_SITE_FLAG	NULL	VARCHAR2(1)	Default tax code from supplier site
TAX_FROM_SYSTEM_FLAG	NULL	VARCHAR2(1)	Default tax code from Financial Options window
TAX_HIER_SHIP_TO_LOC	NULL	NUMBER(15)	Ship–to location position in tax code defaulting hierarchy
TAX_HIER_ITEM	NULL	NUMBER(15)	Item position in the tax code defaulting hierarchy
TAX_HIER_VENDOR	NULL	NUMBER(15)	Supplier position in the tax code defaulting hierarchy
TAX_HIER_VENDOR_SITE	NULL	NUMBER(15)	Supplier Site position in the tax code defaulting hierarchy
TAX_HIER_SYSTEM	NULL	NUMBER(15)	Financial Options in the tax code defaulting hierarchy
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(25)	Indicator of whether a debit memo should be created

Indexes

Index Name	Index Type	Sequence	Column Name
PO_SYSTEM_PARAMETERS_U1	UNIQUE	1	ORG_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_UN_NUMBERS_B

PO_UN_NUMBERS_B contains information about the United Nations hazardous materials classification numbers that you use in your business. Oracle Purchasing lets you record UN numbers information to let you comply with Section 19 of the International Safety Rating System. You need one row for each UN number you use.

Oracle Purchasing uses this information to let you provide UN number information on your purchase orders, requisitions, RFQs, and quotations.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID

Column Descriptions

Name	Null?	Type	Description
UN_NUMBER_ID (PK)	NOT NULL	NUMBER	Unique identifier for the United Nations number
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
INACTIVE_DATE	NULL	DATE	Inactive date for record
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
PO_UN_NUMBERS_B_U1	UNIQUE	1	UN_NUMBER_ID

Sequences

Sequence	Derived Column
PO_UN_NUMBERS_S	UN_NUMBER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

PO_VENDOR_SITES_ALL

PO_VENDOR_SITES_ALL stores information about your supplier sites. You need a row for each supplier site you define. Each row includes the site address, supplier reference, purchasing, payment, bank, and general information. Oracle Purchasing uses this information to store supplier address information.

This table is one of three tables that store supplier information. PO_VENDOR_SITES_ALL corresponds to the Sites region of the Suppliers window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_DISTRIBUTION_SETS_ALL	DISTRIBUTION_SET_ID	DISTRIBUTION_SET_ID
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PAYMENT_CURRENCY_CODE
FND_USER	USER_ID	CREATED_BY
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCTS_PAY_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PREPAY_CODE_COMBINATION_ID
ORG_FREIGHT_TL	FREIGHT_CODE	SHIP_VIA_LOOKUP_CODE
PO_VENDORS	VENDOR_ID	VENDOR_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS
PAYMENT_METHOD_LOOKUP_CODE	PAYMENT METHOD	AP_LOOKUP_CODES
PAY_DATE_BASIS_LOOKUP_CODE	PAY DATE BASIS	PO_LOOKUP_CODES
	DISCOUNT	Pay on Discount Date
	DUE	Pay on Due Date

Column Descriptions

Name	Null?	Type	Description
VENDOR_SITE_ID (PK)	NOT NULL	NUMBER	Supplier site unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
VENDOR_ID	NOT NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_CODE	NOT NULL	VARCHAR2(15)	Site code name
VENDOR_SITE_CODE_ALT	NULL	VARCHAR2(320)	Alternate supplier site code for Kana Value
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
PURCHASING_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can purchase from this site

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
RFQ_ONLY_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can only send RFQs to this site
PAY_SITE_FLAG	NULL	VARCHAR2(1)	Indicates whether you can send payments to this site
ATTENTION_AR_FLAG	NULL	VARCHAR2(1)	Indicates whether the payments should be sent to the Account Receivables department
ADDRESS_LINE1	NULL	VARCHAR2(35)	First line of supplier address
ADDRESS_LINES_ALT	NULL	VARCHAR2(560)	Alternate address line for Kana Value
ADDRESS_LINE2	NULL	VARCHAR2(35)	Second line of supplier address
ADDRESS_LINE3	NULL	VARCHAR2(35)	Third line of supplier address
CITY	NULL	VARCHAR2(25)	City name
STATE	NULL	VARCHAR2(25)	State name or abbreviation
ZIP	NULL	VARCHAR2(20)	Postal code
PROVINCE	NULL	VARCHAR2(25)	Province
COUNTRY	NULL	VARCHAR2(25)	Country name
AREA_CODE	NULL	VARCHAR2(10)	Area code
PHONE	NULL	VARCHAR2(15)	Phone number
CUSTOMER_NUM	NULL	VARCHAR2(25)	Customer number with the supplier site
SHIP_TO_LOCATION_ID	NULL	NUMBER	Default ship–to location unique identifier
BILL_TO_LOCATION_ID	NULL	NUMBER	Ship–to location unique identifier
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Default carrier type
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Default freight terms type
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Default free–on–board type
INACTIVE_DATE	NULL	DATE	Inactive date for record
FAX	NULL	VARCHAR2(15)	Customer site facsimile number
FAX_AREA_CODE	NULL	VARCHAR2(10)	Customer site
TELEX	NULL	VARCHAR2(15)	Telex number
PAYMENT_METHOD_LOOKUP_CODE	NULL	VARCHAR2(25)	Default payment method type
BANK_ACCOUNT_NAME	NULL	VARCHAR2(80)	Bank account name
BANK_ACCOUNT_NUM	NULL	VARCHAR2(30)	Bank account number
BANK_NUM	NULL	VARCHAR2(25)	Bank number
BANK_ACCOUNT_TYPE	NULL	VARCHAR2(25)	Bank account type
TERMS_DATE_BASIS	NULL	VARCHAR2(25)	Type of invoice payment schedule basis
CURRENT_CATALOG_NUM	NULL	VARCHAR2(20)	Not currently used
VAT_CODE	NULL	VARCHAR2(20)	Value–added tax code
DISTRIBUTION_SET_ID	NULL	NUMBER	Distribution set unique identifier
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the supplier liability account
PREPAY_CODE_COMBINATION_ID	NULL	NUMBER	Unique identifier for the general ledger account for prepayment
PAY_GROUP_LOOKUP_CODE	NULL	VARCHAR2(25)	Payment group type
PAYMENT_PRIORITY	NULL	NUMBER	Payment priority
TERMS_ID	NULL	NUMBER	Payment terms unique identifier
INVOICE_AMOUNT_LIMIT	NULL	NUMBER	Maximum amount per invoice
PAY_DATE_BASIS_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of payment date basis
ALWAYS_TAKE_DISC_FLAG	NULL	VARCHAR2(1)	Indicator of whether Oracle Payables should always take a discount for the supplier
INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Default currency unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PAYMENT_CURRENCY_CODE	NULL	VARCHAR2(15)	Default payment currency unique identifier
HOLD_ALL_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place all payments for this supplier on hold
HOLD_FUTURE_PAYMENTS_FLAG	NULL	VARCHAR2(1)	Indicates whether Oracle Payables should place unapproved invoices for this supplier on hold
HOLD_REASON	NULL	VARCHAR2(240)	Hold that will be applied to this supplier's invoices
HOLD_UNMATCHED_INVOICES_FLAG	NULL	VARCHAR2(1)	Indicates whether unmatched invoices should be put on hold
AP_TAX_ROUNDING_RULE	NULL	VARCHAR2(1)	Indicates the rounding rule for tax values
AUTO_TAX_CALC_FLAG	NULL	VARCHAR2(1)	Level for automatic tax calculation for supplier
AUTO_TAX_CALC_OVERRIDE	NULL	VARCHAR2(1)	Allows override of tax calculation at supplier site level
AMOUNT_INCLUDES_TAX_FLAG	NULL	VARCHAR2(1)	Do amounts include tax from this supplier?
EXCLUSIVE_PAYMENT_FLAG	NULL	VARCHAR2(1)	Exclusive payment flag
TAX_REPORTING_SITE_FLAG	NULL	VARCHAR2(1)	Tax reporting site Flag
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
VALIDATION_NUMBER	NULL	NUMBER	Validation number
EXCLUDE_FREIGHT_FROM_DISCOUNT	NULL	VARCHAR2(1)	Indicates whether the freight amount is to be excluded from the discount
VAT_REGISTRATION_NUM	NULL	VARCHAR2(20)	VAT registration number
OFFSET_VAT_CODE	NULL	VARCHAR2(20)	Offset VAT code
ORG_ID	NULL	NUMBER	Operating unit unique identifier
CHECK_DIGITS	NULL	VARCHAR2(30)	Check digits for Accounts Payable
BANK_NUMBER	NULL	VARCHAR2(30)	Bank number for Accounts Payable
ADDRESS_LINE4	NULL	VARCHAR2(35)	Fourth line of address

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
COUNTY	NULL	VARCHAR2(25)	Supplier site county
ADDRESS_STYLE	NULL	VARCHAR2(30)	Style of address
LANGUAGE	NULL	VARCHAR2(30)	Site language
ALLOW_AWT_FLAG	NULL	VARCHAR2(1)	Indicator of whether Allow Withholding Tax is enabled
AWT_GROUP_ID	NULL	NUMBER(15)	Unique identifier for the withholding tax group
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country–specific functionality
EDI_TRANSACTION_HANDLING	NULL	VARCHAR2(25)	ANSI standard code for EDI transaction type
EDI_ID_NUMBER	NULL	VARCHAR2(30)	EDI trading partner number for the supplier site
EDI_PAYMENT_METHOD	NULL	VARCHAR2(25)	How payment is to be made through EDI. Valid method are ACH and BOP.
EDI_PAYMENT_FORMAT	NULL	VARCHAR2(25)	Type of information being transmitted with the funds if using EDI_PATMENT_METHOD ACH. Valid values are CCD, CCP, CTP, CTX, PPD and PPP.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
EDI_REMITTANCE_METHOD	NULL	VARCHAR2(25)	How remittance advice will be sent to the supplier
BANK_CHARGE_BEARER	NULL	VARCHAR2(1)	Indicator of whether this supplier site is a bank charge bearer site
EDI_REMITTANCE_INSTRUCTION	NULL	VARCHAR2(256)	Who will send the remittance advice. Valid values are banks or payables systems.
BANK_BRANCH_TYPE	NULL	VARCHAR2(25)	Which list the bank routing number is on. Valid types are ABA, CHIPS, SWIFT, and OTHER.
PAY_ON_CODE	NULL	VARCHAR2(25)	When to create an invoice. Currently, the code 'RECEIPT' is used. Future enhancements could include 'DELIVERY'.
DEFAULT_PAY_SITE_ID	NULL	NUMBER(15)	Payment site for the site in which the receipt was entered.
PAY_ON_RECEIPT_SUMMARY_CODE	NULL	VARCHAR2(25)	If the PAY_ON_CODE is 'RECEIPT', then this column identifies how to consolidate the receipts to create invoices. Valid values are PAY_SITE, PACKING_SLIP, and RECEIPT.
TP_HEADER_ID	NULL	NUMBER	EDI transaction header unique identifier
ECE_TP_LOCATION_CODE	NULL	VARCHAR2(35)	Training partner location code for e–Commerce Gateway
PCARD_SITE_FLAG	NULL	VARCHAR2(1)	Indicator of whether the site allows use of procurement cards
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether to match the invoices to the purchase order or receipt
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Code for the country of manufacture
FUTURE_DATED_PAYMENT_CCID	NULL	NUMBER(15)	Accounting Flexfield identifier for the future dated payment account
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(25)	Indicator of whether a debit memo should be created
OFFSET_TAX_FLAG	NULL	VARCHAR2(1)	Indicator of whether offset tax is used
SUPPLIER_NOTIF_METHOD	NULL	VARCHAR2(25)	
EMAIL_ADDRESS	NULL	VARCHAR2(2000)	

Indexes

Index Name	Index Type	Sequence	Column Name
PO_VENDOR_SITES_N1	NOT UNIQUE	2	VENDOR_SITE_CODE
PO_VENDOR_SITES_N2	NOT UNIQUE	5	TP_HEADER_ID
		10	ECE_TP_LOCATION_CODE
PO_VENDOR_SITES_U1	UNIQUE	1	VENDOR_SITE_ID
		3	ORG_ID
PO_VENDOR_SITES_U2	UNIQUE	1	VENDOR_ID
		2	VENDOR_SITE_CODE
		3	ORG_ID

Sequences

Sequence	Derived Column
PO_VENDOR_SITES_S	VENDOR_SITE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RA_CUST_TRX_TYPES_ALL

This table stores information about each transaction type used for invoices, commitments and credit memos. Each row includes AutoAccounting information as well as standard defaults for the resulting invoices. POST_TO_GL stores 'Y' for Yes and 'N' for No to indicate whether this transaction can post to your general ledger. ACCOUNTING_AFFECT_FLAG stores 'Y' for Yes and 'N' for No to indicate whether this transaction can update your open receivables balances. If this is 'Y', you can see this transactions in your agings. TYPE contains 'INV' for invoices, 'CM' for credit memos, 'DM for debit memos, 'DEP' for deposits, and 'GUAR' for guarantees. If AutoAccounting is based on transaction type, GL_ID_REV, GL_ID_FREIGHT, and GL_ID_REC stores the default revenue, freight, and receivables accounts. STATUS and CREDIT_MEMO_TYPE_ID are required even though they are null allowed. The primary key for this table is CUST_TRX_TYPE_ID.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_REV
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_FREIGHT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	GL_ID_REC
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	CREDIT_MEMO_TYPE_ID
RA_CUST_TRX_TYPES_ALL	CUST_TRX_TYPE_ID	SUBSEQUENT_TRX_TYPE_ID
RA_TERMS_B	TERM_ID	DEFAULT_TERM

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
TYPE	INV/CM	AR_LOOKUPS
	CB	Chargeback
	CM	Credit Memo
	DEP	Deposit
	DM	Debit Memo
	GUAR	Guarantee
	INV	Invoice
	PMT	Receipt

Column Descriptions

Name	Null?	Type	Description
CUST_TRX_TYPE_ID (PK)	NOT NULL	NUMBER(15)	Transaction type identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
POST_TO_GL	NOT NULL	VARCHAR2(1)	Y or N indicates whether transactions should be posted to the General Ledger

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ACCOUNTING_AFFECT_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether transactions affect open receivable balances
CREDIT_MEMO_TYPE_ID	NULL	NUMBER(15)	Transaction type identifier of subsequent credit memos
STATUS	NULL	VARCHAR2(30)	Transaction type status flag. Lookup code for CODE_STATUS
NAME	NULL	VARCHAR2(20)	Transaction type name
DESCRIPTION	NULL	VARCHAR2(80)	Transaction type description
TYPE	NULL	VARCHAR2(20)	Transaction Class, could be one of: INV,CM,DM,GUAR,DEP,CB
DEFAULT_TERM	NULL	NUMBER(15)	Term to default for invoices of this type
DEFAULT_PRINTING_OPTION	NOT NULL	VARCHAR2(20)	Printing option to default for invoices of this type
DEFAULT_STATUS	NOT NULL	VARCHAR2(20)	Status to default for invoices of this type
GL_ID_REV	NULL	NUMBER(15)	Revenue Account identifier
GL_ID_FREIGHT	NULL	NUMBER(15)	Freight Account identifier
GL_ID_REC	NULL	NUMBER(15)	Receivables Account identifier
SUBSEQUENT_TRX_TYPE_ID	NULL	NUMBER(15)	Invoice type for invoices related to a commitment of this type
SET_OF_BOOKS_ID	NULL	NUMBER(15)	Set of books identifier
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ALLOW_FREIGHT_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether freight is allowed with the transaction
ALLOW_OVERAPPLICATION_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether applications can exceed the transaction amount
CREATION_SIGN	NOT NULL	VARCHAR2(30)	Determines allowable signs for transactions
END_DATE	NULL	DATE	Transaction type end date
GL_ID_CLEARING	NULL	NUMBER(15)	Clearing Account identifier
GL_ID_TAX	NULL	NUMBER(15)	Tax Account identifier
GL_ID_UNBILLED	NULL	NUMBER(15)	Unbilled Account identifier
GL_ID_UNEARNED	NULL	NUMBER(15)	Unearned Account identifier
START_DATE	NOT NULL	DATE	Transaction type start date

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TAX_CALCULATION_FLAG	NOT NULL	VARCHAR2(1)	Y or N indicates whether tax is allowed on transactions
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
NATURAL_APPLICATION_ONLY_FLAG	NOT NULL	VARCHAR2(1)	Yes or No flag indicates whether you want to restrict the direction in which items with this transaction type can be updated by applications entered against them
ORG_ID	NULL	NUMBER(15)	Operating unit identifier
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country–specific functionality

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
RULE_SET_ID	NULL	NUMBER	Application rule set ID for this transaction type
SIGNED_FLAG	NULL	VARCHAR2(1)	Indicates whether or not the drawee needs to accept the Bills Receivable. If acceptance is required the value is Y, otherwise N.
DRAWEE_ISSUED_FLAG	NULL	VARCHAR2(1)	Indicates whether or not the drawee issues the Bills Receivable. If issued by the drawee the value is Y, otherwise N.
MAGNETIC_FORMAT_CODE	NULL	VARCHAR2(30)	Code used to distinguish between Accepted Bills Receivable, Promissory Notes, and Unsigned Bills Receivable.
FORMAT_PROGRAM_ID	NULL	NUMBER(15)	Identifier of the program that will be used to format Bills Receivable.
GL_ID_UNPAID_REC	NULL	NUMBER(15)	Identifier of the Accounting Flexfield for the Unpaid Account.
GL_ID_REMITTANCE	NULL	NUMBER(15)	Identifier of the Accounting Flexfield for the Remittance Account.
GL_ID_FACTOR	NULL	NUMBER(15)	Identifier of the Accounting Flexfield for the Factoring Account.
ALLOCATE_TAX_FREIGHT	NULL	VARCHAR2(1)	Determines if the system will permit the allocation of tax and freight against this type of deposit.

Indexes

Index Name	Index Type	Sequence	Column Name
RA_CUST_TRX_TYPES_U1	UNIQUE	1	CUST_TRX_TYPE_ID
		3	ORG_ID

Sequences

Sequence	Derived Column
RA_CUST_TRX_TYPES_S	CUST_TRX_TYPE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RA_RULES

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEFERRED_REVENUE_FLAG	YES/NO	AR_LOOKUPS
	N	No
	Y	Yes
TYPE	RULE_TYPE	AR_LOOKUPS
	A	Accounting, Fixed Duration
	ACC_DUR	Accounting, Variable Duration
	I	Invoicing

Column Descriptions

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
DEFERRED_REVENUE_FLAG	NULL	VARCHAR2(1)	Deferred revenue flag

Indexes

Index Name	Index Type	Sequence	Column Name
RA_RULES_U1	UNIQUE	1	RULE_ID

Sequences

Sequence	Derived Column
RA_RULES_S	RULE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RA_TERMS_B

This table stores standard Payment Term information. You need one row for each Payment Term you define in Oracle Receivables. Oracle Receivables uses this information to calculate when a payment is due and any discounts given for early payment. Oracle Receivables stores payment schedules in AR_PAYMENT_SCHEDULES_ALL.

Column Descriptions

Name	Null?	Type	Description
TERM_ID (PK)	NOT NULL	NUMBER(15)	Payment term identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CREDIT_CHECK_FLAG	NULL	VARCHAR2(1)	Credit checking flag
DUE_CUTOFF_DAY	NULL	NUMBER	Cutoff day with proxima terms when due date is extended one month
PRINTING_LEAD_DAYS	NULL	NUMBER	This is the number of days between the print date and the due date. If this column is null, the invoice is printed on the invoice date. If this column is filled in, the invoice is printed this number of days before the due date.
START_DATE_ACTIVE	NOT NULL	DATE	Date record becomes active
END_DATE_ACTIVE	NULL	DATE	Date record becomes inactive
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
BASE_AMOUNT	NOT NULL	NUMBER	Sum of the relative amount for the installments
CALC_DISCOUNT_ON_LINES_FLAG	NOT NULL	VARCHAR2(1)	Flag to calculate discounts on line amounts only or on the entire invoice amount

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
FIRST_INSTALLMENT_CODE	NOT NULL	VARCHAR2(12)	Flag to put freight, tax on the first installment or to allocate it over all installments
IN_USE	NOT NULL	VARCHAR2(1)	Flag to indicate whether this payment term has been referenced in a transaction
PARTIAL_DISCOUNT_FLAG	NOT NULL	VARCHAR2(1)	Flag to allow discounts on partial payments
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment column
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment column

Indexes

Index Name	Index Type	Sequence	Column Name
RA_TERMS_B_U1	UNIQUE	1	TERM_ID

Sequences

Sequence	Derived Column
RA_TERMS_S	TERM_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RA_TERRITORIES

This table stores territory information that is assigned to salespersons in the RA_SALESREP_TERRITORIES table.

Column Descriptions

Name	Null?	Type	Description
TERRITORY_ID (PK)	NOT NULL	NUMBER(15)	Unique identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Enabled flag. Y means enabled, N means disabled
SUMMARY_FLAG	NULL	VARCHAR2(1)	Standard flexfield combination column
NAME	NULL	VARCHAR2(40)	Territory name
DESCRIPTION	NULL	VARCHAR2(240)	Description of the territory
STATUS	NULL	VARCHAR2(30)	Status of the territory
START_DATE_ACTIVE	NULL	DATE	Effective start date
END_DATE_ACTIVE	NULL	DATE	Effective end date
SEGMENT1	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT2	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT3	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT4	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT5	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT6	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT7	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT8	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT9	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT10	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT11	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT12	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT13	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT14	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT15	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT16	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT17	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT18	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT19	NULL	VARCHAR2(25)	Accounting Flexfield segment
SEGMENT20	NULL	VARCHAR2(25)	Accounting Flexfield segment
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
RA_TERRITORIES_U1	UNIQUE	1	TERRITORY_ID

Sequences

Sequence	Derived Column
RA_TERRITORIES_S	TERRITORY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RCV_LOTS_INTERFACE

RCV_LOTS_INTERFACE holds temporary lot number transaction records for a parent record in the RCV_TRANSACTIONS_INTERFACE table. Data in the RCV_TRANSACTIONS_INTERFACE table will eventually reside in RCV_LOT_TRANSACTIONS after being processed by the receiving transaction processor.

It is possible to have child records in this table without a parent record due to the automatic save feature in the Lot Entry and Serial Number forms. The receiving transaction processor deletes these orphan rows as part of normal processing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
RCV_SHIPMENT_LINES	SHIPMENT_LINE_ID	SHIPMENT_LINE_ID
RCV_TRANSACTIONS_INTERFACE	INTERFACE_TRANSACTION_ID	INTERFACE_TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
INTERFACE_TRANSACTION_ID	NOT NULL	NUMBER	Interface transaction unique 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
LOT_NUM	NOT NULL	VARCHAR2(30)	Lot number
QUANTITY	NOT NULL	NUMBER	Lot quantity in transaction unit of measure
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
EXPIRATION_DATE	NULL	DATE	Lot number expiration date
PRIMARY_QUANTITY	NULL	NUMBER	Lot quantity in terms of the item's primary unit of measure
ITEM_ID	NULL	NUMBER	Item unique identifier
SHIPMENT_LINE_ID	NULL	NUMBER	Unique identifier of receipt shipment line

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_LOTS_INTERFACE_N1	NOT UNIQUE	1	INTERFACE_TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RCV_PARAMETERS

RCV_PARAMETERS stores receiving options for each organization in which you want to be able to receive items. The table contains one row for each organization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	RECEIVING_ROUTING_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
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
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

Column Descriptions

Name	Null?	Type	Description
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_UPDATED_LOGIN	NULL	NUMBER	Standard Who column
QTY_RCV_TOLERANCE	NULL	NUMBER	Receiving quantity tolerance
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Receiving quantity tolerance exception level
ENFORCE_SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(25)	Ship-to location control exception level
ALLOW_EXPRESS_DELIVERY_FLAG	NULL	VARCHAR2(1)	Allow express delivery of items
DAYS_EARLY_RECEIPT_ALLOWED	NULL	NUMBER	Number of days allowed for an early receipt
DAYS_LATE_RECEIPT_ALLOWED	NULL	NUMBER	Number of days allowed for a late receipt
RECEIPT_DAYS_EXCEPTION_CODE	NULL	VARCHAR2(25)	Receipt days exception level
RECEIVING_ROUTING_ID	NULL	NUMBER	Routing header identifier
ALLOW_SUBSTITUTE_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Allow receipt of substitute items
ALLOW_UNORDERED_RECEIPTS_FLAG	NULL	VARCHAR2(1)	Allow receipt of unordered items

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
BLIND_RECEIVING_FLAG	NULL	VARCHAR2(1)	Use blind receiving
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
RECEIVING_ACCOUNT_ID	NULL	NUMBER	Receiving account identifier
ALLOW_CASCADE_TRANSACTIONS	NULL	VARCHAR2(1)	Allow cascade delivery of items
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country–specific functionality
RECEIPT_ASN_EXISTS_CODE	NULL	VARCHAR2(30)	This field holds the action to be taken when the user selects a purchase order shipment even though an Advance Shipment Notice (ASN) exists
USER_DEFINED_RECEIPT_NUM_CODE	NULL	VARCHAR2(25)	Code for receipt number generation – Manual or Automatic
MANUAL_RECEIPT_NUM_TYPE	NULL	VARCHAR2(25)	Type of numbers being generated for manual setting – Numeric or Alphanumeric
NEXT_RECEIPT_NUM	NULL	NUMBER	Number for the next receipt

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RCV_ROUTING_HEADERS

RCV_ROUTING_HEADERS stores information about receiving routings.

Column Descriptions

Name	Null?	Type	Description
ROUTING_HEADER_ID (PK)	NOT NULL	NUMBER	Receiving routing unique 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
ROUTING_NAME	NOT NULL	VARCHAR2(30)	Receiving routing name
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
DESCRIPTION	NULL	VARCHAR2(240)	Receiving routing description

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_ROUTING_HEADERS_U1	UNIQUE	1	ROUTING_HEADER_ID
RCV_ROUTING_HEADERS_U2	UNIQUE	1	ROUTING_NAME

Sequences

Sequence	Derived Column
RCV_ROUTING_HEADERS_S	ROUTING_HEADER_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RCV_SERIALS_INTERFACE

RCV_SERIALS_INTERFACE holds temporary serial number transaction records for a parent record in RCV_TRANSACTIONS_INTERFACE. Data in the RCV_TRANSACTIONS_INTERFACE table will eventually reside in RCV_SERIAL_TRANSACTIONS after they are processed by the transaction processor.

It is possible to have child records in this table without a parent record due to the automatic save feature in the Lot Entry and Serial Numbers forms. The receiving transaction processor deletes orphan rows during normal processing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
RCV_LOTS_INTERFACE	LOT_NUM	LOT_NUM
RCV_TRANSACTIONS_INTERFACE	INTERFACE_TRANSACTION_ID	INTERFACE_TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
INTERFACE_TRANSACTION_ID	NOT NULL	NUMBER	Interface transaction unique 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	NOT NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
TRANSACTION_DATE	NOT NULL	DATE	Serial transaction date
FM_SERIAL_NUM	NOT NULL	VARCHAR2(30)	Start of serial number range
TO_SERIAL_NUM	NULL	VARCHAR2(30)	End of serial number range
SERIAL_PREFIX	NULL	VARCHAR2(30)	Total serial numbers entered
LOT_NUM	NULL	VARCHAR2(30)	Lot number that serial numbers belong to
VENDOR_SERIAL_NUM	NULL	VARCHAR2(30)	Not currently used
VENDOR_LOT_NUM	NULL	VARCHAR2(30)	Not currently used
ITEM_ID	NULL	NUMBER	Item that serial number is assigned to
ORGANIZATION_ID	NULL	NUMBER	Organization that serial number is assigned to

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_SERIALS_INTERFACE_N1	NOT UNIQUE	1	INTERFACE_TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RCV_SHIPMENT_HEADERS

RCV_SHIPMENT_HEADERS stores common information about the source of your receipts or expected receipts. You group your receipts by the source type and the source of the receipt. Oracle Purchasing does not allow you to group receipts from different sources under one receipt header.

There are two receipt source types, Supplier and Internal Order, that you need to use when receiving against different source document types. You use a receipt source type of 'Supplier' when receiving items that you ordered from an external supplier using a purchase order. When you receive items that are part of an inter–organization transfer, or when receiving items that you request from your inventory using an internal requisition, the receipt type would be 'Internal Order'. The 'Internal Order' receipt source type populates the ORGANIZATION_ID column.

Oracle Purchasing creates a receipt header when you are entering your receipts or when you perform inter–organization transfers using Oracle Inventory. When Oracle Inventory creates a receipt header for an intransit shipment, the receipt number is not populated until you receive the shipment.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ORG_FREIGHT_TL	FREIGHT_CODE	FREIGHT_CARRIER_CODE
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
RECEIPT_SOURCE_CODE	SHIPMENT SOURCE TYPE	PO_LOOKUP_CODES
	INTERNAL ORDER	In Transit Shipment backed by an Internal Requisition
	INVENTORY	In Transit Shipment
	VENDOR	Shipment from Vendor

Column Descriptions

Name	Null?	Type	Description
SHIPMENT_HEADER_ID (PK)	NOT NULL	NUMBER	Receipt header unique 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
RECEIPT_SOURCE_CODE	NOT NULL	VARCHAR2(25)	Source type of the shipment
VENDOR_ID	NULL	NUMBER	Source supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Source supplier site unique identifier
ORGANIZATION_ID	NULL	NUMBER	Source organization unique identifier
SHIPMENT_NUM	NULL	VARCHAR2(30)	Shipment number assigned by the shipment's source
RECEIPT_NUM	NULL	VARCHAR2(30)	Receipt number
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship-to location unique identifier
BILL_OF_LADING	NULL	VARCHAR2(25)	Bill of lading number
PACKING_SLIP	NULL	VARCHAR2(25)	Packing slip number
SHIPPED_DATE	NULL	DATE	Shipping date
FREIGHT_CARRIER_CODE	NULL	VARCHAR2(25)	Carrier responsible for shipping
EXPECTED_RECEIPT_DATE	NULL	DATE	Expected arrival date of the shipment
EMPLOYEE_ID	NULL	NUMBER(9)	Employee unique identifier
NUM_OF_CONTAINERS	NULL	NUMBER	Number of containers in the shipment
WAYBILL_AIRBILL_NUM	NULL	VARCHAR2(20)	Waybill or airbill number
COMMENTS	NULL	VARCHAR2(240)	Receiver's comments
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ASN_TYPE	NULL	VARCHAR2(25)	The document type: ASN, ASBN or Receive
EDI_CONTROL_NUM	NULL	VARCHAR2(10)	EDI transaction control number if data is imported via EDI
NOTICE_CREATION_DATE	NULL	DATE	EDI transaction create date/time at source if data is imported via EDI
GROSS_WEIGHT	NULL	NUMBER	Shipment gross weight from Advance Shipment Notice (ASN)

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GROSS_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Shipment gross weight unit of measure from ASN
NET_WEIGHT	NULL	NUMBER	Shipment net weight from ASN
NET_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Shipment net weight unit of measure from ASN
TAR_WEIGHT	NULL	NUMBER	Shipment tar (container) weight from ASN
TAR_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Shipment tar (container) weight unit of measure from ASN
PACKAGING_CODE	NULL	VARCHAR2(5)	Shipment packaging code
CARRIER_METHOD	NULL	VARCHAR2(2)	Carrier transportation method code
CARRIER_EQUIPMENT	NULL	VARCHAR2(10)	Carrier equipment description method
CARRIER_EQUIPMENT_NUM	NULL	VARCHAR2(10)	Carrier equipment identification number
CARRIER_EQUIPMENT_ALPHA	NULL	VARCHAR2(10)	Carrier equipment identification initials
SPECIAL_HANDLING_CODE	NULL	VARCHAR2(3)	Special handling code
HAZARD_CODE	NULL	VARCHAR2(1)	Hazardous material qualifier code of the shipment
HAZARD_CLASS	NULL	VARCHAR2(4)	Hazardous material class of shipment
HAZARD_DESCRIPTION	NULL	VARCHAR2(80)	Hazardous material description
FREIGHT_TERMS	NULL	VARCHAR2(25)	Freight payment method (user defined, e.g. PREPAID, COLLECT)
FREIGHT_BILL_NUMBER	NULL	VARCHAR2(35)	Freight bill (PRO invoice) number
INVOICE_NUM	NULL	VARCHAR2(50)	EDI transaction 857 invoice number
INVOICE_DATE	NULL	DATE	EDI transaction 857 invoice date
INVOICE_AMOUNT	NULL	NUMBER	EDI transaction 857 invoice amount
TAX_NAME	NULL	VARCHAR2(15)	EDI transaction 857 tax name indicated at the header level
TAX_AMOUNT	NULL	NUMBER	EDI transaction 857 tax amount indicated at the header level
FREIGHT_AMOUNT	NULL	NUMBER	EDI transaction 857 freight bill amount
INVOICE_STATUS_CODE	NULL	VARCHAR2(25)	Eligibility status for automated Oracle Payables invoice creation
ASN_STATUS	NULL	VARCHAR2(10)	ASN shipment status
CURRENCY_CODE	NULL	VARCHAR2(15)	Code from purchase order currency code or PO_VENDOR_SITE.INVOICE_CURRENCY_CODE. Used for ASN with billing information (ASBN) only.
CONVERSION_RATE_TYPE	NULL	VARCHAR2(30)	Purchase order rate type. Used for ASBN only.
CONVERSION_RATE	NULL	VARCHAR2(30)	Purchase order rate. Used for ASBN only.
CONVERSION_DATE	NULL	DATE	Purchase order rate date. Used for ASBN only.
PAYMENT_TERMS_ID	NULL	NUMBER	EDI transaction 857 payment terms

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
MRC_CONVERSION_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID. Used for ASBN only. Taken from purchase order rate type pairs.
MRC_CONVERSION_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID. Used for ASBN only. Taken from purchase order rate date pairs.
MRC_CONVERSION_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID. Used for ASBN only. Taken from purchase order rate pairs.
SHIP_TO_ORG_ID	NULL	NUMBER	Ship-to organization unique identifier
CUSTOMER_ID	NULL	NUMBER	Customer unique identifier
CUSTOMER_SITE_ID	NULL	NUMBER	Customer site unique identifier

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_SHIPMENT_HEADERS_N1	NOT UNIQUE	1	SHIP_TO_LOCATION_ID
RCV_SHIPMENT_HEADERS_N2	NOT UNIQUE	1	SHIPMENT_NUM
RCV_SHIPMENT_HEADERS_N3	NOT UNIQUE	1	VENDOR_ID
RCV_SHIPMENT_HEADERS_N4	NOT UNIQUE	1	VENDOR_SITE_ID
RCV_SHIPMENT_HEADERS_N5	NOT UNIQUE	1	RECEIPT_SOURCE_CODE
		2	SHIPMENT_NUM
RCV_SHIPMENT_HEADERS_N6	NOT UNIQUE	2	ORGANIZATION_ID
		3	RECEIPT_NUM
RCV_SHIPMENT_HEADERS_N7	NOT UNIQUE	1	EMPLOYEE_ID
RCV_SHIPMENT_HEADERS_N8	NOT UNIQUE	2	RECEIPT_NUM
		4	SHIP_TO_ORG_ID
RCV_SHIPMENT_HEADERS_U1	UNIQUE	1	SHIPMENT_HEADER_ID

Sequences

Sequence	Derived Column
RCV_SHIPMENT_HEADERS_S	SHIPMENT_HEADER_ID

Database Triggers

Trigger Name : RCV_MRC_SHIPMENT_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 RCV_SHIPMENT_HEADERS. For each record being inserted/updated/deleted in RCV_SHIPMENT_HEADERS, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, RCV_MC_SHIPMENT_HEADERS. In addition, this trigger also populates the MRC VARCHAR2 columns in RCV_SHIPMENT_HEADERS.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RCV_SHIPMENT_LINES

RCV_SHIPMENT_LINES stores information about items that have been shipped and / or received from a specific receipt source.

RCV_SHIPMENT_LINES also stores information about the default destination for intransit shipments.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CHARGE_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_ACCOUNT_ID
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_SECONDARY_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY_NAME	TO_ORGANIZATION_ID TO_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	PRIMARY_UNIT_OF_MEASURE
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	PO_LINE_LOCATION_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQUISITION_LINE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	REQ_DISTRIBUTION_ID
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	ROUTING_HEADER_ID
RCV_SHIPMENT_HEADERS	SHIPMENT_HEADER_ID	SHIPMENT_HEADER_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DESTINATION_TYPE_CODE	DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Goods are expensed from the system upon delivery
	INVENTORY	Goods are received into inventory upon delivery
	SHOP FLOOR	Goods are received into an outside operation upon delivery
SOURCE_DOCUMENT_CODE	SHIPMENT SOURCE DOCUMENT TYPE	PO_LOOKUP_CODES
	INVENTORY	Inventory
	PO	PO
	REQ	Req

Column Descriptions

Name	Null?	Type	Description
SHIPMENT_LINE_ID (PK)	NOT NULL	NUMBER	Shipment line unique 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
SHIPMENT_HEADER_ID	NOT NULL	NUMBER	Shipment header unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
LINE_NUM	NOT NULL	NUMBER	Shipment line number
CATEGORY_ID	NOT NULL	NUMBER	Item category unique identifier
QUANTITY_SHIPPED	NOT NULL	NUMBER	Number of items shipped
QUANTITY_RECEIVED	NULL	NUMBER	Number of items received
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Unit of measure of the shipment
ITEM_DESCRIPTION	NOT NULL	VARCHAR2(240)	Item description
ITEM_ID	NULL	NUMBER	Item identifier
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision number
VENDOR_ITEM_NUM	NULL	VARCHAR2(25)	Supplier's item number
VENDOR_LOT_NUM	NULL	VARCHAR2(30)	Supplier's lot number
UOM_CONVERSION_RATE	NULL	NUMBER	Not currently used
SHIPMENT_LINE_STATUS_CODE	NULL	VARCHAR2(25)	Receipt status of the shipment line
SOURCE_DOCUMENT_CODE	NULL	VARCHAR2(25)	Source document type
PO_HEADER_ID	NULL	NUMBER	Purchase order header unique identifier
PO_RELEASE_ID	NULL	NUMBER	Purchase order release unique identifier
PO_LINE_ID	NULL	NUMBER	Purchase order line unique identifier
PO_LINE_LOCATION_ID	NULL	NUMBER	Purchase order shipment unique identifier
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase order distribution unique identifier
REQUISITION_LINE_ID	NULL	NUMBER	Requisition line unique identifier
REQ_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution unique identifier
ROUTING_HEADER_ID	NULL	NUMBER	Receiving routing unique identifier
PACKING_SLIP	NULL	VARCHAR2(25)	Packing slip number
FROM_ORGANIZATION_ID	NULL	NUMBER	Source organization unique identifier
DELIVER_TO_PERSON_ID	NULL	NUMBER(9)	Requestor unique identifier
EMPLOYEE_ID	NULL	NUMBER(9)	Receiver unique identifier
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destination type for items
TO_ORGANIZATION_ID	NULL	NUMBER	Destination organization unique identifier
TO_SUBINVENTORY	NULL	VARCHAR2(10)	Default destination subinventory
LOCATOR_ID	NULL	NUMBER	Not currently used
DELIVER_TO_LOCATION_ID	NULL	NUMBER	Deliver–to location unique identifier
CHARGE_ACCOUNT_ID	NULL	NUMBER	Intransit charge account unique identifier
TRANSPORTATION_ACCOUNT_ID	NULL	NUMBER	Intransit transportation account unique identifier
SHIPMENT_UNIT_PRICE	NULL	NUMBER	Item unit price
TRANSFER_COST	NULL	NUMBER	Intransit transfer cost
TRANSPORTATION_COST	NULL	NUMBER	Intransit transportation cost
COMMENTS	NULL	VARCHAR2(240)	Receiver comments
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REASON_ID	NULL	NUMBER	Transaction reason unique identifier
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
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Destination descriptive flexfield context
PRIMARY_UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Primary unit of measure for the item
EXCESS_TRANSPORT_REASON	NULL	VARCHAR2(25)	Excess transportation reason code
EXCESS_TRANSPORT_RESPONSIBLE	NULL	VARCHAR2(25)	Excess transportation responsibility code
EXCESS_TRANSPORT_AUTH_NUM	NULL	VARCHAR2(30)	Excess transportation authorization number
ASN_LINE_FLAG	NULL	VARCHAR2(1)	Indicates whether item is on an Advance Shipment Notice (ASN). Used by missing ASN Items Processor to determine whether shipped items were received.
ORIGINAL_ASN_PARENT_LINE_ID	NULL	VARCHAR2(1)	Reference to original ASN Line
ORIGINAL_ASN_LINE_FLAG	NULL	VARCHAR2(1)	Original ASN line flag
VENDOR_CUM_SHIPPED_QUANTITY	NULL	NUMBER	Supplier’s quantity shipped specified on the ASN – populated for parent lines only
NOTICE_UNIT_PRICE	NULL	NUMBER	EDI transaction 857 unit price of this item
TAX_NAME	NULL	VARCHAR2(15)	EDI transaction 857 tax name indicated at the detail level
TAX_AMOUNT	NULL	NUMBER	EDI transaction 857 tax amount indicated at the detail level
INVOICE_STATUS_CODE	NULL	VARCHAR2(25)	EDI transaction 857 status code to determine which line has been transferred to Oracle Payables
CUM_COMPARISON_FLAG	NULL	VARCHAR2(1)	Not used
CONTAINER_NUM	NULL	VARCHAR2(35)	Unique container identifier for the line
TRUCK_NUM	NULL	VARCHAR2(35)	Number of the truck
BAR_CODE_LABEL	NULL	VARCHAR2(35)	Label for the barcode
TRANSFER_PERCENTAGE	NULL	NUMBER	Transfer percentage for costing
SHIP_TO_LOCATION_ID	NULL	NUMBER	Unique identifier for the ship–to location
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Code for the country of manufacture

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
OE_ORDER_HEADER_ID	NULL	NUMBER	Sales order unique identifier
OE_ORDER_LINE_ID	NULL	NUMBER	Sales order line unique identifier
CUSTOMER_ITEM_NUM	NULL	VARCHAR2(50)	Customer’s item number

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_SHIPMENT_LINES_N1	NOT UNIQUE	1	ITEM_ID
RCV_SHIPMENT_LINES_N2	NOT UNIQUE	1	PO_HEADER_ID
RCV_SHIPMENT_LINES_N3	NOT UNIQUE	1	PO_LINE_ID
RCV_SHIPMENT_LINES_N4	NOT UNIQUE	1	PO_LINE_LOCATION_ID
RCV_SHIPMENT_LINES_N5	NOT UNIQUE	1	EMPLOYEE_ID
RCV_SHIPMENT_LINES_N6	NOT UNIQUE	1	DELIVER_TO_PERSON_ID
RCV_SHIPMENT_LINES_N7	NOT UNIQUE	1	CONTAINER_NUM
		2	TO_ORGANIZATION_ID
		3	SHIPMENT_HEADER_ID
RCV_SHIPMENT_LINES_U1	UNIQUE	1	SHIPMENT_LINE_ID
RCV_SHIPMENT_LINES_U2	UNIQUE	1	SHIPMENT_HEADER_ID
		2	LINE_NUM

Sequences

Sequence	Derived Column
RCV_SHIPMENT_LINES_S	SHIPMENT_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RCV_TRANSACTIONS

RCV_TRANSACTIONS stores historical information about receiving transactions that you have performed. When you enter a receiving transaction and the receiving transaction processor processes your transaction, the transaction is recorded in this table.

Once a row has been inserted into this table, it will never be updated. When you correct a transaction, the net transaction quantity is maintained in RCV_SUPPLY. The original transaction quantity does not get updated. You can only delete rows from this table using the Purge feature of Oracle Purchasing.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	BOM_RESOURCE_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	CURRENCY_CONVERSION_TYPE
HR_LOCATIONS_ALL	LOCATION_ID	LOCATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	INV_TRANSACTION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	PRIMARY_UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	SOURCE_DOC_UNIT_OF_MEASURE
ORG_DEPARTMENTS	DEPARTMENT_CODE ORGANIZATION_ID	DEPARTMENT_CODE ORGANIZATION_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	PO_LINE_LOCATION_ID
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQUISITION_LINE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	REQ_DISTRIBUTION_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	ROUTING_HEADER_ID
RCV_ROUTING_STEPS	ROUTING_STEP_ID	ROUTING_STEP_ID
RCV_SHIPMENT_HEADERS	SHIPMENT_HEADER_ID	SHIPMENT_HEADER_ID
RCV_SHIPMENT_LINES	SHIPMENT_LINE_ID	SHIPMENT_LINE_ID
RCV_TRANSACTIONS	TRANSACTION_ID	PARENT_TRANSACTION_ID
WIP_ENTITIES	WIP_ENTITY_ID ORGANIZATION_ID	WIP_ENTITY_ID ORGANIZATION_ID
WIP_LINES	LINE_ID ORGANIZATION_ID	WIP_LINE_ID ORGANIZATION_ID
WIP_OPERATIONS	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID	WIP_ENTITY_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	OPERATION_SEQ_NUM	WIP_OPERATION_SEQ_NUM
	RESOURCE_SEQ_NUM	WIP_RESOURCE_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID
	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DESTINATION_TYPE_CODE	RCV DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Expense
	INVENTORY	Inventory
	MULTIPLE	Multiple
	RECEIVING	Receiving
	SHOP FLOOR	Shop Floor
INSPECTION_STATUS_CODE	INSPECTION STATUS	PO_LOOKUP_CODES
	ACCEPTED	Accepted
	NOT INSPECTED	Not Inspected
	REJECTED	Rejected
SOURCE_DOCUMENT_CODE	SHIPMENT SOURCE DOCUMENT TYPE	PO_LOOKUP_CODES
	INVENTORY	Inventory
	PO	PO
	REQ	Req
TRANSACTION_TYPE	RCV TRANSACTION TYPE	PO_LOOKUP_CODES
	ACCEPT	Accept items following an inspection
	CORRECT	Correct a previous transaction entry
	DELIVER	Deliver a shipment of items to the requestor
	MATCH	Match unordered items to a purchase order
	RECEIVE	Receive a shipment of items
	REJECT	Reject items following an inspection
	RETURN TO RECEIVING	Return delivered items to receiving
	RETURN TO VENDOR	Return Items to the supplier
	SHIP	Intransit shipment or internal order
	TRANSFER	Transfer items between receiving locations
	UNORDERED	Receive items without matching to a source document

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Receiving transaction unique 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
TRANSACTION_TYPE	NOT NULL	VARCHAR2(25)	Receiving transaction type
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
QUANTITY	NOT NULL	NUMBER	Transaction quantity
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Transaction unit of measure
SHIPMENT_HEADER_ID	NOT NULL	NUMBER	Receipt shipment header unique identifier
SHIPMENT_LINE_ID	NOT NULL	NUMBER	Receipt shipment line unique identifier
USER_ENTERED_FLAG	NOT NULL	VARCHAR2(1)	User-entered or automatically generated transaction
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(25)	Interface transaction source
INTERFACE_SOURCE_LINE_ID	NULL	NUMBER	Interface transaction source line
INV_TRANSACTION_ID	NULL	NUMBER	Inventory transaction unique identifier
SOURCE_DOCUMENT_CODE	NULL	VARCHAR2(25)	Source document type
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destination type
PRIMARY_QUANTITY	NULL	NUMBER	Transaction quantity in terms of the item's primary unit of measure
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Item primary unit of measure
UOM_CODE	NULL	VARCHAR2(3)	Abbreviated unit of measure code
EMPLOYEE_ID	NULL	NUMBER(9)	Receiver unique identifier
PARENT_TRANSACTION_ID	NULL	NUMBER	Parent receiving transaction unique identifier
PO_HEADER_ID	NULL	NUMBER	Purchase order header unique identifier
PO_RELEASE_ID	NULL	NUMBER	Purchase order release unique identifier
PO_LINE_ID	NULL	NUMBER	Purchase order line unique identifier
PO_LINE_LOCATION_ID	NULL	NUMBER	Purchase order shipment unique identifier
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase order distribution unique identifier
PO_REVISION_NUM	NULL	NUMBER	Purchase order revision number
REQUISITION_LINE_ID	NULL	NUMBER	Requisition line unique identifier
PO_UNIT_PRICE	NULL	NUMBER	Unit price at time of receipt
CURRENCY_CODE	NULL	VARCHAR2(15)	Source document foreign currency
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Foreign currency conversion type
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
ROUTING_HEADER_ID	NULL	NUMBER	Receiving routing unique identifier
ROUTING_STEP_ID	NULL	NUMBER	Not currently used
DELIVER_TO_PERSON_ID	NULL	NUMBER(9)	Requestor unique identifier
DELIVER_TO_LOCATION_ID	NULL	NUMBER	Deliver-to location unique identifier
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ORGANIZATION_ID	NULL	NUMBER	Destination organization unique identifier
SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory name
LOCATOR_ID	NULL	NUMBER	Destination locator unique identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
WIP_REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
WIP_OPERATION_SEQ_NUM	NULL	NUMBER	WIP operation sequence number within a routing
WIP_RESOURCE_SEQ_NUM	NULL	NUMBER	WIP resource sequence number
BOM_RESOURCE_ID	NULL	NUMBER	BOM resource unique identifier
LOCATION_ID	NULL	NUMBER	Receiving location unique identifier
SUBSTITUTE_UNORDERED_CODE	NULL	VARCHAR2(25)	Substitute or unordered receipt indicator
RECEIPT_EXCEPTION_FLAG	NULL	VARCHAR2(1)	Receipt exception indicator
INSPECTION_STATUS_CODE	NULL	VARCHAR2(25)	Quality inspection status
ACCRUAL_STATUS_CODE	NULL	VARCHAR2(25)	Receiving transaction accrual status
INSPECTION_QUALITY_CODE	NULL	VARCHAR2(25)	Quality inspection code
VENDOR_LOT_NUM	NULL	VARCHAR2(30)	Supplier lot number
RMA_REFERENCE	NULL	VARCHAR2(30)	RMA reference number
COMMENTS	NULL	VARCHAR2(240)	Receiver comments
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
REQ_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution unique identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	WIP department name
REASON_ID	NULL	NUMBER	Transaction reason unique identifier
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Destination descriptive flexfield context
LOCATOR_ATTRIBUTE	NULL	VARCHAR2(150)	Locator flexfield context
CHILD_INSPECTION_FLAG	NULL	VARCHAR2(1)	Release 9 inspection transaction indicator
SOURCE_DOC_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Source document unit of measure
SOURCE_DOC_QUANTITY	NULL	NUMBER	Transaction quantity in terms of the source document's unit of measure
INTERFACE_TRANSACTION_ID	NULL	NUMBER	Original interface transaction unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
GROUP_ID	NULL	NUMBER	Original interface group unique identifier
MOVEMENT_ID	NULL	NUMBER	Movement identification number
INVOICE_ID	NULL	NUMBER	Transaction 857 Invoice unique identifier
INVOICE_STATUS_CODE	NULL	VARCHAR2(25)	Eligibility status for automated Oracle Payables invoice creation
QA_COLLECTION_ID	NULL	NUMBER	Primary key for Oracle Quality results
MRC_CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID, foreign currency conversion type pairs
MRC_CURRENCY_CONVERSION_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID, currency conversion date pairs
MRC_CURRENCY_CONVERSION_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID, currency conversion rate pairs
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Code for the country of manufacture
MVT_STAT_STATUS	NULL	VARCHAR2(30)	Indicator of whether the transaction has been processed by the Movement Statistics concurrent program
QUANTITY_BILLED	NULL	NUMBER	Quantity billed
MATCH_FLAG	NULL	VARCHAR2(1)	Indicator of whether the purchase order or receipt must be matched to an invoice
AMOUNT_BILLED	NULL	NUMBER	Amount billed by Payable.
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether the invoice for this transaction should be matched to the purchase order or the receipt
OE_ORDER_HEADER_ID	NULL	NUMBER	Sales order unique identifier
OE_ORDER_LINE_ID	NULL	NUMBER	Sales order line unique identifier
CUSTOMER_ID	NULL	NUMBER	Customer unique identifier
CUSTOMER_SITE_ID	NULL	NUMBER	Customer site unique identifier

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_TRANSACTIONS_N1	NOT UNIQUE	1	PARENT_TRANSACTION_ID
RCV_TRANSACTIONS_N10	NOT UNIQUE	1	WIP_ENTITY_ID
		2	WIP_LINE_ID
		3	WIP_OPERATION_SEQ_NUM
RCV_TRANSACTIONS_N11	NOT UNIQUE	1	INTERFACE_TRANSACTION_ID
RCV_TRANSACTIONS_N12	NOT UNIQUE	1	GROUP_ID
RCV_TRANSACTIONS_N13	NOT UNIQUE	1	EMPLOYEE_ID
RCV_TRANSACTIONS_N14	NOT UNIQUE	1	DELIVER_TO_PERSON_ID
RCV_TRANSACTIONS_N15	NOT UNIQUE	1	TRANSACTION_DATE
RCV_TRANSACTIONS_N16	NOT UNIQUE	5	INVOICE_STATUS_CODE
RCV_TRANSACTIONS_N17	NOT UNIQUE	1	OE_ORDER_HEADER_ID
RCV_TRANSACTIONS_N18	NOT UNIQUE	1	OE_ORDER_LINE_ID
RCV_TRANSACTIONS_N2	NOT UNIQUE	1	SHIPMENT_HEADER_ID
RCV_TRANSACTIONS_N3	NOT UNIQUE	1	SHIPMENT_LINE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
RCV_TRANSACTIONS_N4	NOT UNIQUE	1	PO_HEADER_ID
RCV_TRANSACTIONS_N5	NOT UNIQUE	1	PO_LINE_ID
RCV_TRANSACTIONS_N6	NOT UNIQUE	1	PO_LINE_LOCATION_ID
RCV_TRANSACTIONS_N7	NOT UNIQUE	1	REQUISITION_LINE_ID
RCV_TRANSACTIONS_N8	NOT UNIQUE	1	REQ_DISTRIBUTION_ID
RCV_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
RCV_TRANSACTIONS_S	TRANSACTION_ID

Database Triggers

Trigger Name : RCV_MRC_TRANSACTIONS_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 RCV_TRANSACTIONS. For each record being inserted/updated/deleted in RCV_TRANSACTIONS, this trigger inserts/updates/deletes corresponding reporting currency records in the MRC subtable, RCV_MC_TRANSACTIONS. In addition, this trigger also populates the MRC VARCHAR2 columns in RCV_TRANSACTIONS.

Trigger Name : AX_RCV_TRANSACTIONS_ARI1
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : UPDATE

NEW.transaction_type IN (’CORRECT’, ’RECEIVE’, ’RETURN TO VENDOR’) AND NEW.source_document_code != ’INVENTORY’ AND NEW.destination_type_code != ’INVENTORY’ AND NEW.destination_type_code != ’EXPENSE’ This trigger captures accounting events information for the Global Accounting Engine when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application The information is used to create Global Accounting Engine accounting events. This trigger may populate the AX_EVENTS table. .

This trigger captures accounting events related to Oracle Purchasing receiving transactions created by the transaction processor. It executes when the transaction type is ’RECEIVE’, ’CORRECT’, or ’RETURN TO VENDOR’, and the source document code is not ’INVENTORY’ and the destination type code is not ’EXPENSE’ or ’INVENTORY’. Purpose: Capture accounting events related to a PO receiving transaction whenit is created

Oracle Proprietary, Confidential Information—Use Restricted by Contract

RCV_TRANSACTIONS_INTERFACE

RCV_TRANSACTIONS_INTERFACE stores information about receiving transactions that are waiting to be processed by the receiving transaction processor or were rejected due to an error when the transaction processor attempted to process the transaction.

When the receiving transaction processor successfully processes a transaction, it deletes the transaction from this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	BOM_RESOURCE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	CHARGE_ACCOUNT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	TRANSPORTATION_ACCOUNT_ID
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	CURRENCY_CONVERSION_TYPE
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID TO_ORGANIZATION_ID
MTL_MATERIAL_TRANSACTIONS	TRANSACTION_ID	INV_TRANSACTION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY TO_ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	PRIMARY_UNIT_OF_MEASURE
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	SOURCE_DOC_UNIT_OF_MEASURE
ORG_DEPARTMENTS	DEPARTMENT_CODE ORGANIZATION_ID	DEPARTMENT_CODE TO_ORGANIZATION_ID
ORG_FREIGHT_TL	FREIGHT_CODE ORGANIZATION_ID	FREIGHT_CARRIER_CODE FROM_ORGANIZATION_ID
PO_DISTRIBUTIONS_ALL	PO_DISTRIBUTION_ID	PO_DISTRIBUTION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	PO_LINE_LOCATION_ID
PO_QUALITY_CODES	CODE	INSPECTION_QUALITY_CODE
PO_RELEASES_ALL	PO_RELEASE_ID	PO_RELEASE_ID
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	REQUISITION_LINE_ID
PO_REQ_DISTRIBUTIONS_ALL	DISTRIBUTION_ID	REQ_DISTRIBUTION_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID
RCV_ROUTING_HEADERS	ROUTING_HEADER_ID	ROUTING_HEADER_ID
RCV_ROUTING_STEPS	ROUTING_STEP_ID	ROUTING_STEP_ID
RCV_SHIPMENT_HEADERS	SHIPMENT_HEADER_ID	SHIPMENT_HEADER_ID
RCV_SHIPMENT_LINES	SHIPMENT_LINE_ID	SHIPMENT_LINE_ID
RCV_TRANSACTIONS	TRANSACTION_ID	PARENT_TRANSACTION_ID
WIP_ENTITIES	WIP_ENTITY_ID ORGANIZATION_ID	WIP_ENTITY_ID TO_ORGANIZATION_ID
WIP_LINES	LINE_ID ORGANIZATION_ID	WIP_LINE_ID TO_ORGANIZATION_ID
WIP_OPERATIONS	OPERATION_SEQ_NUM WIP_ENTITY_ID ORGANIZATION_ID REPETITIVE_SCHEDULE_ID	WIP_OPERATION_SEQ_NUM WIP_ENTITY_ID TO_ORGANIZATION_ID WIP_REPETITIVE_SCHEDULE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID ORGANIZATION_ID OPERATION_SEQ_NUM RESOURCE_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID TO_ORGANIZATION_ID WIP_OPERATION_SEQ_NUM WIP_RESOURCE_SEQ_NUM WIP_REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID ORGANIZATION_ID	WIP_REPETITIVE_SCHEDULE_ID TO_ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTO_TRANSACT_CODE	AUTO TRANSACT CODE	PO_LOOKUP_CODES
	DELIVER	Create a shipment line ,a receipt and deliver an item
	RECEIVE	Create a shipment line and a receipt for an item
	SHIP	Create a shipment line for an item
DESTINATION_TYPE_CODE	RCV DESTINATION TYPE	PO_LOOKUP_CODES
	EXPENSE	Expense
	INVENTORY	Inventory
	MULTIPLE	Multiple
	RECEIVING	Receiving
	SHOP FLOOR	Shop Floor
INSPECTION_STATUS_CODE	INSPECTION STATUS	PO_LOOKUP_CODES
	ACCEPTED	Accepted
	NOT INSPECTED	Not Inspected
	REJECTED	Rejected
PROCESSING_MODE_CODE	RCV PROCESSING MODE	PO_LOOKUP_CODES
	BATCH	Batch processing mode
	IMMEDIATE	Immediate processing mode
	ONLINE	On–line processing mode
PROCESSING_STATUS_CODE	PROCESSING STATUS	PO_LOOKUP_CODES
	COMPLETED	Transaction has been processed
	PENDING	Transaction is pending
	RUNNING	Transaction is currently being processed
RECEIPT_SOURCE_CODE	SHIPMENT SOURCE TYPE	PO_LOOKUP_CODES
	INTERNAL ORDER	In Transit Shipment backed by an Internal Requisition
	INVENTORY	In Transit Shipment
	VENDOR	Shipment from Vendor
SOURCE_DOCUMENT_CODE	SHIPMENT SOURCE DOCUMENT TYPE	PO_LOOKUP_CODES
	INVENTORY	Inventory
	PO	PO
	REQ	Req
TRANSACTION_STATUS_CODE	TRANSACTION STATUS	PO_LOOKUP_CODES
	COMPLETED	Transaction has been successfully processed
	ERROR	An Error occured during the processing of the transaction
	PENDING	Transaction is waiting to be processed

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
TRANSACTION_TYPE	RCV TRANSACTION TYPE	PO_LOOKUP_CODES
	ACCEPT	Accept items following an inspection
	CORRECT	Correct a previous transaction entry
	DELIVER	Deliver a shipment of items to the requestor
	MATCH	Match unordered items to a purchase order
	RECEIVE	Receive a shipment of items
	REJECT	Reject items following an inspection
	RETURN TO RECEIVING	Return delivered items to receiving
	RETURN TO VENDOR	Return Items to the supplier
	SHIP	Intransit shipment or internal order
	TRANSFER	Transfer items between receiving locations
	UNORDERED	Receive items without matching to a source document

Column Descriptions

Name	Null?	Type	Description
INTERFACE_TRANSACTION_ID (PK)	NOT NULL	NUMBER	Interface transaction unique identifier
GROUP_ID	NULL	NUMBER	Interface processing group 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
TRANSACTION_TYPE	NOT NULL	VARCHAR2(25)	Receiving transaction type
TRANSACTION_DATE	NOT NULL	DATE	Transaction date
PROCESSING_STATUS_CODE	NOT NULL	VARCHAR2(25)	Processing status of the interface row
PROCESSING_MODE_CODE	NOT NULL	VARCHAR2(25)	Processing mode to be used when the interface row is processed
PROCESSING_REQUEST_ID	NULL	NUMBER	Identifier of the concurrent request that is processing the interface row. Set by the Receiving Transaction Processor
TRANSACTION_STATUS_CODE	NOT NULL	VARCHAR2(25)	Transaction status of the interface row
CATEGORY_ID	NULL	NUMBER	Item category unique identifier
QUANTITY	NOT NULL	NUMBER	Transaction quantity
UNIT_OF_MEASURE	NOT NULL	VARCHAR2(25)	Transaction unit of measure
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(30)	Source of the interface row
INTERFACE_SOURCE_LINE_ID	NULL	NUMBER	Source line identifier of the interface row
INV_TRANSACTION_ID	NULL	NUMBER	Inventory transaction unique identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_ID	NULL	NUMBER	Item unique identifier
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision number
UOM_CODE	NULL	VARCHAR2(3)	Transaction unit of measure code
EMPLOYEE_ID	NULL	NUMBER(9)	Receiver unique identifier
AUTO_TRANSACT_CODE	NULL	VARCHAR2(25)	Automatic transaction creation code
SHIPMENT_HEADER_ID	NULL	NUMBER	Receipt shipment header unique identifier
SHIPMENT_LINE_ID	NULL	NUMBER	Receipt shipment line unique identifier
SHIP_TO_LOCATION_ID	NULL	NUMBER	Ship-to location unique identifier
PRIMARY_QUANTITY	NULL	NUMBER	Transaction quantity in terms of the item's primary unit of measure
PRIMARY_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Primary unit of measure of the item
RECEIPT_SOURCE_CODE	NULL	VARCHAR2(25)	Source of the receipt
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site unique identifier
FROM_ORGANIZATION_ID	NULL	NUMBER	Source organization unique identifier
FROM_SUBINVENTORY	NULL	VARCHAR2(10)	Source subinventory name
TO_ORGANIZATION_ID	NULL	NUMBER	Destination organization unique identifier
INTRANSIT_OWNING_ORG_ID	NULL	NUMBER	Organization that owns the items while they are in transit
ROUTING_HEADER_ID	NULL	NUMBER	Receiving routing unique identifier
ROUTING_STEP_ID	NULL	NUMBER	Not currently used
SOURCE_DOCUMENT_CODE	NULL	VARCHAR2(25)	Source document type
PARENT_TRANSACTION_ID	NULL	NUMBER	Parent receiving transaction unique identifier
PO_HEADER_ID	NULL	NUMBER	Purchase order header unique identifier
PO_REVISION_NUM	NULL	NUMBER	Purchase order revision number
PO_RELEASE_ID	NULL	NUMBER	Purchase order Release unique identifier
PO_LINE_ID	NULL	NUMBER	Purchase order line unique identifier
PO_LINE_LOCATION_ID	NULL	NUMBER	Purchase order shipment unique identifier
PO_UNIT_PRICE	NULL	NUMBER	Unit price at time of receipt
CURRENCY_CODE	NULL	VARCHAR2(15)	Source document currency code
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(30)	Currency conversion type
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
PO_DISTRIBUTION_ID	NULL	NUMBER	Purchase order distribution unique identifier
REQUISITION_LINE_ID	NULL	NUMBER	Requisition line unique identifier
REQ_DISTRIBUTION_ID	NULL	NUMBER	Requisition distribution unique identifier
CHARGE_ACCOUNT_ID	NULL	NUMBER	Charge account identifier
SUBSTITUTE_UNORDERED_CODE	NULL	VARCHAR2(25)	Substitute or unordered receipt indicator
RECEIPT_EXCEPTION_FLAG	NULL	VARCHAR2(1)	Receipt exception indicator

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ACCRUAL_STATUS_CODE	NULL	VARCHAR2(25)	Accrual status of the items
INSPECTION_STATUS_CODE	NULL	VARCHAR2(25)	Quality inspection status
INSPECTION_QUALITY_CODE	NULL	VARCHAR2(25)	Quality inspection result code
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destination type
DELIVER_TO_PERSON_ID	NULL	NUMBER	Requestor unique identifier
LOCATION_ID	NULL	NUMBER	Receiving location unique identifier
DELIVER_TO_LOCATION_ID	NULL	NUMBER	Deliver–to location unique identifier
SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory name
LOCATOR_ID	NULL	NUMBER	Destination locator unique identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	WIP department name
WIP_REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier
WIP_OPERATION_SEQ_NUM	NULL	NUMBER	WIP operation sequence number within a routing
WIP_RESOURCE_SEQ_NUM	NULL	NUMBER	WIP resource sequence number
BOM_RESOURCE_ID	NULL	NUMBER	BOM resource unique identifier
SHIPMENT_NUM	NULL	VARCHAR2(30)	Supplier or source organization shipment number
FREIGHT_CARRIER_CODE	NULL	VARCHAR2(25)	Freight carrier used to ship items
BILL_OF_LADING	NULL	VARCHAR2(25)	Bill of lading number
PACKING_SLIP	NULL	VARCHAR2(25)	Packing slip number
SHIPPED_DATE	NULL	DATE	Date of shipping
EXPECTED_RECEIPT_DATE	NULL	DATE	Expected arrival date
ACTUAL_COST	NULL	NUMBER	Actual cost
TRANSFER_COST	NULL	NUMBER	Cost of transferring items between organizations
TRANSPORTATION_COST	NULL	NUMBER	Cost of shipping items between organizations
TRANSPORTATION_ACCOUNT_ID	NULL	NUMBER	Account to be charged for transportation costs
NUM_OF_CONTAINERS	NULL	NUMBER	Number of containers in the shipment
WAYBILL_AIRBILL_NUM	NULL	VARCHAR2(20)	Waybill or airbill number
VENDOR_ITEM_NUM	NULL	VARCHAR2(25)	Supplier’s item number
VENDOR_LOT_NUM	NULL	VARCHAR2(30)	Supplier’s lot number
RMA_REFERENCE	NULL	VARCHAR2(30)	RMA reference number for return–to–supplier items
COMMENTS	NULL	VARCHAR2(240)	Receiver comments
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
SHIP_HEAD_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE1	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE2	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE3	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE4	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE5	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE6	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE7	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE8	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE9	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE10	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE11	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE12	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE13	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE14	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_HEAD_ATTRIBUTE15	NULL	VARCHAR2(150)	Shipment header descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE1	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE2	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE3	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE4	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE5	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE6	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE7	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE8	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE9	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE10	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE11	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SHIP_LINE_ATTRIBUTE12	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE13	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE14	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
SHIP_LINE_ATTRIBUTE15	NULL	VARCHAR2(150)	Shipment line descriptive flexfield segment column
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REASON_ID	NULL	NUMBER	Transaction reason unique identifier
DESTINATION_CONTEXT	NULL	VARCHAR2(30)	Destination descriptive flexfield context
SOURCE_DOC_QUANTITY	NULL	NUMBER	Transaction quantity in terms of the source document's unit of measure
SOURCE_DOC_UNIT_OF_MEASURE	NULL	VARCHAR2(25)	Source document's unit of measure
MOVEMENT_ID	NULL	NUMBER	Movement identifier
HEADER_INTERFACE_ID	NULL	NUMBER	Interface header unique identifier if it exists
VENDOR_CUM_SHIPPED_QTY	NULL	NUMBER	Supplier's CUM quantity shipped specified on the Advance Shipment Notice (ASN)
ITEM_NUM	NULL	VARCHAR2(81)	Buyer's item number specified on the ASN
DOCUMENT_NUM	NULL	VARCHAR2(30)	Purchase order number specified on the ASN
DOCUMENT_LINE_NUM	NULL	NUMBER	Purchase order line number specified on the ASN
TRUCK_NUM	NULL	VARCHAR2(35)	Truck number
SHIP_TO_LOCATION_CODE	NULL	VARCHAR2(35)	Ship–to location specified at the item level on the ASN
CONTAINER_NUM	NULL	VARCHAR2(35)	Container number
SUBSTITUTE_ITEM_NUM	NULL	VARCHAR2(81)	Buyer's substitute item number specified on ASN
NOTICE_UNIT_PRICE	NULL	NUMBER	EDI transaction 857 unit price
ITEM_CATEGORY	NULL	VARCHAR2(81)	Item category code – key flexfield all segments
LOCATION_CODE	NULL	VARCHAR2(20)	Ship–to/receiving location
VENDOR_NAME	NULL	VARCHAR2(80)	Supplier name
VENDOR_NUM	NULL	VARCHAR2(30)	Supplier number
VENDOR_SITE_CODE	NULL	VARCHAR2(15)	Supplier site code
FROM_ORGANIZATION_CODE	NULL	VARCHAR2(3)	From organization code for inter–organization transfers
TO_ORGANIZATION_CODE	NULL	VARCHAR2(3)	Ship–to organization code
INTRANSIT_OWNING_ORG_CODE	NULL	VARCHAR2(3)	In–transit owning organization code for inter–organization transfers
ROUTING_CODE	NULL	VARCHAR2(30)	Receiving routing name
ROUTING_STEP	NULL	VARCHAR2(30)	Upgrade step unique identifier
RELEASE_NUM	NULL	NUMBER	Release number
DOCUMENT_SHIPMENT_LINE_NUM	NULL	NUMBER	Document shipment line number
DOCUMENT_DISTRIBUTION_NUM	NULL	NUMBER	Document distribution number
DELIVER_TO_PERSON_NAME	NULL	VARCHAR2(240)	Employee full name
DELIVER_TO_LOCATION_CODE	NULL	VARCHAR2(20)	Deliver–to location code

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
USE_MTL_LOT	NULL	NUMBER	Flag used in lot processing
USE_MTL_SERIAL	NULL	NUMBER	Flag used in serial processing
LOCATOR	NULL	VARCHAR2(81)	Stock locator description
REASON_NAME	NULL	VARCHAR2(30)	Transaction reason name
VALIDATION_FLAG	NULL	VARCHAR2(1)	Marked after open interface validation
SUBSTITUTE_ITEM_ID	NULL	NUMBER	Buyer's substitute item unique identifier
QUANTITY_SHIPPED	NULL	NUMBER	Shipped Quantity
QUANTITY_INVOICED	NULL	NUMBER	Invoiced quantity
TAX_NAME	NULL	VARCHAR2(15)	EDI transaction 857 tax name
TAX_AMOUNT	NULL	NUMBER	EDI transaction 857 tax amount
REQ_NUM	NULL	VARCHAR2(25)	Requisition number
REQ_LINE_NUM	NULL	NUMBER	For the REQ_LINE_ID on ASNs
REQ_DISTRIBUTION_NUM	NULL	NUMBER	For the REQ_DISTRIBUTION_ID on ASNs
WIP_ENTITY_NAME	NULL	VARCHAR2(24)	For the WIP_ENTITY_ID on ASNs
WIP_LINE_CODE	NULL	VARCHAR2(10)	For the WIP_LINE_ID on ASNs
RESOURCE_CODE	NULL	VARCHAR2(30)	For the REASON_ID on ASNs
SHIPMENT_LINE_STATUS_CODE	NULL	VARCHAR2(25)	Status code for shipment line
BARCODE_LABEL	NULL	VARCHAR2(35)	Barcoded detail label serial number if indicated on ASN for inner packaging of this item; to be matched for barcode–scanned receipts updating
TRANSFER_PERCENTAGE	NULL	NUMBER	Transfer percentage for costing
QA_COLLECTION_ID	NULL	NUMBER	Primary key for Oracle Quality results
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Code for the country of manufacture
OE_ORDER_HEADER_ID	NULL	NUMBER	Sales order unique identifier
OE_ORDER_LINE_ID	NULL	NUMBER	Sales order line unique identifier
CUSTOMER_ID	NULL	NUMBER	Customer unique identifier
CUSTOMER_SITE_ID	NULL	NUMBER	Customer unique identifier
CUSTOMER_ITEM_NUM	NULL	VARCHAR2(50)	Customer's item number
CREATE_DEBIT_MEMO_FLAG	NULL	VARCHAR2(1)	
PUT_AWAY_RULE_ID	NULL	NUMBER	Inserted for WMS functionality
PUT_AWAY_STRATEGY_ID	NULL	NUMBER	Part of WMS enhancement
LPN_ID	NULL	NUMBER	License plate number Id (for WMS use)
TRANSFER_LPN_ID	NULL	NUMBER	Transfer license plate number ID
COST_GROUP_ID	NULL	NUMBER	Cost Group for WMS
MOBILE_TXN	NULL	VARCHAR2(2)	Y/N for a row created through Mobile form (WMS)
MMTT_TEMP_ID	NULL	NUMBER	Reference to original inventory transaction for WMS

Indexes

Index Name	Index Type	Sequence	Column Name
RCV_TRANSACTIONS_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID
RCV_TRANSACTIONS_INTERFACE_N2	NOT UNIQUE	1	PARENT_TRANSACTION_ID
RCV_TRANSACTIONS_INTERFACE_N3	NOT UNIQUE	1	EMPLOYEE_ID
RCV_TRANSACTIONS_INTERFACE_N4	NOT UNIQUE	1	DELIVER_TO_PERSON_ID
RCV_TRANSACTIONS_INTERFACE_N5	NOT UNIQUE	1	PO_LINE_LOCATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
RCV_TRANSACTIONS_INTERFACE_U1	UNIQUE	1	INTERFACE_TRANSACTION_ID

Sequences

Sequence	Derived Column
RCV_TRANSACTIONS_INTERFACE_S	INTERFACE_TRANSACTION_ID
RCV_INTERFACE_GROUPS_S	GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_COST_TXN_INTERFACE

WIP_COST_TXN_INTERFACE contains information about cost transactions that Oracle Work in Process needs to process. Each row represents either a resource transaction, an overhead transaction, an outside processing transaction, a cost update transaction, a period close variance transaction, or a job close variance transaction. Each row contains the transaction date, the job or repetitive schedule to charge, the resource to charge, the primary unit of measure transaction quantity, and the actual unit of measure transaction quantity. Each row also has foreign key references to move and receiving transaction tables. Oracle Work in Process uses this table to support all resource cost transactions including transactions loaded from other systems through the Oracle Work in Process Open Resource Transaction Interface.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UOM_CLASSES_TL	UOM_CLASS	PRIMARY_UOM_CLASS
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID
WIP_MOVE_TRANSACTIONS	TRANSACTION_ID	MOVE_TRANSACTION_ID
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID OPERATION_SEQ_NUM RESOURCE_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID OPERATION_SEQ_NUM RESOURCE_SEQ_NUM REPETITIVE_SCHEDULE_ID
WIP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
ENTITY_TYPE	WIP_ENTITY	MFG_LOOKUPS
	1	Discrete job
	2	Repetitive assembly
	3	Closed discrete job
	4	Flow schedule
PROCESS_PHASE	WIP_RESOURCE_PROCESS_PHASE	MFG_LOOKUPS
	1	Resource validation
	2	Resource processing
	3	Job close
	4	Period close
PROCESS_STATUS	WIP_PROCESS_STATUS	MFG_LOOKUPS
	1	Pending
	2	Running
	3	Error
	4	Complete
	5	Warning
RESOURCE_TYPE	BOM_RESOURCE_TYPE	MFG_LOOKUPS
	1	Machine
	2	Person
	3	Space
	4	Miscellaneous
	5	Amount
STANDARD_RATE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
TRANSACTION_TYPE	WIP_TRANSACTION_TYPE	MFG_LOOKUPS
	1	Resource transaction
	2	Overhead transaction
	3	Outside processing
	4	Cost update
	5	Period close variance
	6	Job close variance

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NULL	NUMBER	Transaction Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATED_BY_NAME	NULL	VARCHAR2(100)	Username of person that last updated the record
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATED_BY_NAME	NULL	VARCHAR2(100)	Username of person that created the record
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
GROUP_ID	NULL	NUMBER	Transaction group identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the shop floor control system that generated the transaction record (null if created by Oracle Work in Process)
SOURCE_LINE_ID	NULL	NUMBER	Identifier used by source shop floor control system (null if created by Oracle Work in Process)
PROCESS_PHASE	NOT NULL	NUMBER	Transaction processing phase
PROCESS_STATUS	NOT NULL	NUMBER	Transaction processing status
TRANSACTION_TYPE	NULL	NUMBER	Transaction type
ORGANIZATION_ID	NULL	NUMBER	Organization identifier
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Short code that uniquely identifies the organization
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_ENTITY_NAME	NULL	VARCHAR2(240)	WIP job or repetitive assembly name
ENTITY_TYPE	NULL	NUMBER	WIP entity type code
LINE_ID	NULL	NUMBER	WIP line identifier
LINE_CODE	NULL	VARCHAR2(10)	Line name
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item identifier of assembly that job or schedule creates
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule identifier (this column is solely for internal use)
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
ACCT_PERIOD_ID	NULL	NUMBER	Accounting period Identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Short code that uniquely identifies the department
EMPLOYEE_ID	NULL	NUMBER	Employee Identifier
EMPLOYEE_NUM	NULL	VARCHAR2(30)	Employee number
RESOURCE_ID	NULL	NUMBER	Resource Identifier
RESOURCE_CODE	NULL	VARCHAR2(10)	Resource code
RESOURCE_TYPE	NULL	NUMBER	Resource type
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Rate per assembly or amount per job/schedule
BASIS_TYPE	NULL	NUMBER	Basis for charging resource
AUTOCHARGE_TYPE	NULL	NUMBER	Method of charging the resource
STANDARD_RATE_FLAG	NULL	NUMBER	Indicates whether the resource is charged at the standard rate
TRANSACTION_QUANTITY	NULL	NUMBER	Transaction quantity
TRANSACTION_UOM	NULL	VARCHAR2(3)	Unit of measure used for transaction
PRIMARY_QUANTITY	NULL	NUMBER	Quantity of transaction expressed in assembly’s primary unit of measure
PRIMARY_UOM	NULL	VARCHAR2(3)	Primary unit of measure for the resource
PRIMARY_UOM_CLASS	NULL	VARCHAR2(10)	Class to which the primary unit of measure belongs
ACTUAL_RESOURCE_RATE	NULL	NUMBER	Actual rate of the resource
CURRENCY_CODE	NULL	VARCHAR2(15)	Unique Identifier for the currency

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(10)	Foreign currency conversion type
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_ACTUAL_RESOURCE_RATE	NULL	NUMBER	Actual resource rate in foreign currency, used when the STANDARD_RATE_FLAG is 'Y'
ACTIVITY_ID	NULL	NUMBER	Activity Identifier
ACTIVITY_NAME	NULL	VARCHAR2(10)	Activity name
REASON_ID	NULL	NUMBER	Standard transaction reason identifier
REASON_NAME	NULL	VARCHAR2(30)	Standard transaction reason name
REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
MOVE_TRANSACTION_ID	NULL	NUMBER	Transaction Identifier for the move that created the costing transaction
COMPLETION_TRANSACTION_ID	NULL	NUMBER	Transaction Identifier for the Completion that created the costing transaction
RCV_TRANSACTION_ID	NULL	NUMBER	Transaction Identifier for the receipt that created the costing transaction
PO_HEADER_ID	NULL	NUMBER	Purchase order Identifier that the receipt is against
PO_LINE_ID	NULL	NUMBER	Purchase order line Identifier that the receipt is against
RECEIVING_ACCOUNT_ID	NULL	NUMBER	Receiving account Identifier
PROJECT_ID	NULL	NUMBER	Project Identifier
TASK_ID	NULL	NUMBER	Project task 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
PHANTOM_FLAG	NULL	NUMBER	Indicates whether or not this transaction is for a phantom resource

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_COST_TXN_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID
		2	TRANSACTION_ID
WIP_COST_TXN_INTERFACE_N2	NOT UNIQUE	2	COMPLETION_TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
WIP_COST_TXN_INTERFACE_N3	NOT UNIQUE	2	PRIMARY_ITEM_ID
		4	ORGANIZATION_ID

Sequences

Sequence	Derived Column
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_DISCRETE_JOBS

WIP_DISCRETE_JOBS stores discrete job information. Each row represents a discrete job, and contains information about the assembly being built, the revision of the assembly, the job quantity, the status of the job, the material control method, accounting information, and job schedule dates. Oracle Work in Process uses this information to control discrete production.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	COMMON_BOM_SEQUENCE_ID
BOM_OPERATIONAL_ROUTINGS	ROUTING_SEQUENCE_ID	COMMON_ROUTING_SEQUENCE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROC_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	STD_COST_ADJUSTMENT_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_VARIANCE_ACCOUNT
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	COMPLETION_LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION	PRIMARY_ITEM_ID ORGANIZATION_ID BOM_REVISION
MTL_ITEM_SUB_INVENTORIES	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_INVENTORY	PRIMARY_ITEM_ID ORGANIZATION_ID COMPLETION_SUBINVENTORY
MTL_KANBAN_CARDS	KANBAN_CARD_ID	KANBAN_CARD_ID
MTL_RTG_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID PROCESS_REVISION	PRIMARY_ITEM_ID ORGANIZATION_ID ROUTING_REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	COMPLETION_SUBINVENTORY ORGANIZATION_ID
MTL_SECONDARY_LOCATORS	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_LOCATOR	PRIMARY_ITEM_ID ORGANIZATION_ID COMPLETION_LOCATOR_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	BOM_REFERENCE_ID ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	ROUTING_REFERENCE_ID ORGANIZATION_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	END_ITEM_UNIT_NUMBER
WIP_ACCOUNTING_CLASSES	CLASS_CODE ORGANIZATION_ID	CLASS_CODE ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FIRM_PLANNED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
JOB_TYPE	WIP_DISCRETE_JOB	MFG_LOOKUPS
	1	Standard
	3	Non–standard
STATUS_TYPE	WIP_JOB_STATUS	MFG_LOOKUPS
	1	Unreleased
	10	Pending Routing Load
	11	Failed Routing Load
	12	Closed
	13	Pending – Mass Loaded
	14	Pending Close
	15	Failed Close
	3	Released
	4	Complete
	5	Complete – No Charges
	6	On Hold
	7	Cancelled
	8	Pending Bill Load
	9	Failed Bill Load
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

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP Job 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
SOURCE_LINE_ID	NULL	NUMBER	Identifier of the source system that generated the job record
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the process that generated the job record(null if created by Oracle Work In Process)
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
STATUS_TYPE	NOT NULL	NUMBER	Status of job
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly the job creates
FIRM_PLANNED_FLAG	NOT NULL	NUMBER	Control for MRP rescheduling
JOB_TYPE	NOT NULL	NUMBER	Type of discrete job
WIP_SUPPLY_TYPE	NOT NULL	NUMBER	Method of material consumption within WIP

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CLASS_CODE	NOT NULL	VARCHAR2(10)	Accounting class associated with job
MATERIAL_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material charges for a job
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material overhead charges for a job
RESOURCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource charges for a job
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing charges for a job
MATERIAL_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material variances for a job
RESOURCE_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource variances for a job
OUTSIDE_PROC_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing variances for a job
STD_COST_ADJUSTMENT_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate standard cost variances for a job
OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate overhead charges for a job
OVERHEAD_VARIANCE_ACCOUNT	NULL	NUMBER	General ledger account to accumulate overhead variances for a job
SCHEDULED_START_DATE	NOT NULL	DATE	Date on which job is scheduled to start
DATE_RELEASED	NULL	DATE	Date on which job is released
SCHEDULED_COMPLETION_DATE	NOT NULL	DATE	Last unit scheduled completion date
DATE_COMPLETED	NULL	DATE	Last unit actual completion date
DATE_CLOSED	NULL	DATE	Date on which job was closed
START_QUANTITY	NOT NULL	NUMBER	Job start quantity
QUANTITY_COMPLETED	NOT NULL	NUMBER	Current job quantity completed
QUANTITY_SCRAPPED	NOT NULL	NUMBER	Number of units scrapped on the current job
NET_QUANTITY	NOT NULL	NUMBER	Number of assemblies netted to supply by MRP
BOM_REFERENCE_ID	NULL	NUMBER	Assembly identifier used as bill of material reference for explosions of nonstandard job
ROUTING_REFERENCE_ID	NULL	NUMBER	Assembly identifier used as routing reference for explosions of nonstandard job
COMMON_BOM_SEQUENCE_ID	NULL	NUMBER	Bill of material identifier when a common bill is used
COMMON_ROUTING_SEQUENCE_ID	NULL	NUMBER	Routing identifier when a common routing is used
BOM_REVISION	NULL	VARCHAR2(3)	BOM revision for the primary assembly
ROUTING_REVISION	NULL	VARCHAR2(3)	Short code that uniquely identifies the Routing revision

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
BOM_REVISION_DATE	NULL	DATE	Date of assembly item revision used to explode the bills of material used in the job
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
LOT_NUMBER	NULL	VARCHAR2(30)	Default lot number to assign to assemblies completed from the job
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill of material used in a job
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing used in a job
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Default completion subinventory for assemblies completed by the job
COMPLETION_LOCATOR_ID	NULL	NUMBER	Default completion locator identifier for assemblies completed by the job
MPS_SCHEDULED_COMPLETION_DATE	NULL	DATE	Date used by MRP to relieve the MPS for the job (used by MRP only)
MPS_NET_QUANTITY	NULL	NUMBER	Quantity used by MRP to relieve MPS for the job (used by MRP only)
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the job satisfies
SCHEDULE_GROUP_ID	NULL	NUMBER	Identifier for the job schedule group
BUILD_SEQUENCE	NULL	NUMBER	Build sequence
LINE_ID	NULL	NUMBER	Production line Identifier
PROJECT_ID	NULL	NUMBER	Project Identifier
TASK_ID	NULL	NUMBER	Project task Identifier
KANBAN_CARD_ID	NULL	NUMBER	Identifier for production kanban replentished by the job
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	Unit of OVERCOMPLETION_TOLERANCE_VALUE (percent or amount)
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	Percent or amount above start quantity that this job is allowed to complete
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Assembly unit number identifier to support Project Manufacturing in Model Unit Effectivity.
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PO_CREATION_TIME	NOT NULL	NUMBER	PO Creation Time for Outside Processing
PRIORITY	NULL	NUMBER	Priority of this job
DUE_DATE	NULL	DATE	Due date of this job
EST_SCRAP_ACCOUNT	NULL	NUMBER	Estimated Scrap account
EST_SCRAP_VAR_ACCOUNT	NULL	NUMBER	Estimated Scrap variance account
EST_SCRAP_PRIOR_QTY	NULL	NUMBER	Estimated quantity completed for calculation of operation yield
DUE_DATE_PENALTY	NULL	NUMBER	Penalty incurred if job is late (in days)
DUE_DATE_TOLERANCE	NULL	NUMBER	Number of days a job can be late
COPRODUCTS_SUPPLY	NULL	NUMBER	Flag indicating if this job forms supply for co–products also

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_DISCRETE_JOBS_N1	NOT UNIQUE	1	PRIMARY_ITEM_ID
WIP_DISCRETE_JOBS_N2	NOT UNIQUE	2	BOM_REFERENCE_ID
		4	ORGANIZATION_ID
WIP_DISCRETE_JOBS_N3	NOT UNIQUE	2	ROUTING_REFERENCE_ID
		4	ORGANIZATION_ID
WIP_DISCRETE_JOBS_N4	NOT UNIQUE	1	CLASS_CODE
		2	ORGANIZATION_ID
		3	ATTRIBUTE1
		4	ATTRIBUTE2
WIP_DISCRETE_JOBS_N5	NOT UNIQUE	1	FIRM_PLANNED_FLAG
		2	STATUS_TYPE
WIP_DISCRETE_JOBS_N6	NOT UNIQUE	2	SCHEDULE_GROUP_ID
		4	BUILD_SEQUENCE
WIP_DISCRETE_JOBS_N7	NOT UNIQUE	1	STATUS_TYPE
		4	ORGANIZATION_ID
		5	SCHEDULED_START_DATE
		6	ATTRIBUTE1
		8	ATTRIBUTE2
		10	ATTRIBUTE3
WIP_DISCRETE_JOBS_N8	NOT UNIQUE	2	LINE_ID
		4	ORGANIZATION_ID
WIP_DISCRETE_JOBS_U1	UNIQUE	1	WIP_ENTITY_ID
		2	ORGANIZATION_ID

Database Triggers

```
Trigger Name    : WIP_DISCRETE_JOBS_T5
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : UPDATE
```

WIP_DISCRETE_JOBS_T5 calls PJM_PROJECT_LOCATOR.GET_JOB_PROJECTSUPPLY in order to update the locator for the project, if any, that is associated with the job being updated.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

```
Trigger Name    : WIP_DISCRETE_JOBS_BRU
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : UPDATE
```

WIP_DISCRETE_JOBS_BRU calls the procedure WIP_MRP_RELIEF.WIP_DISCRETE_JOBS_PROC if the status_type of the job is (or was) < 7 and the job is a standard discrete job. This procedure inserts rows into the table MRP_RELIEF_INTERFACE to do MPS relief.

```
Trigger Name    : WIP_DISCRETE_JOBS_BRD
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : DELETE
```

WIP_DISCRETE_JOBS_BRD calls the procedure WIP_MRP_RELIEF.WIP_DISCRETE_JOBS_PROC if the status_type of the job was < 7 and the job is a standard discrete job. This procedure inserts rows into the table MRP_RELIEF_INTERFACE to do MPS relief.

```
Trigger Name    : WIP_DISCRETE_JOBS_T4
Trigger Time    : BEFORE
Trigger Level   : ROW
Trigger Event   : INSERT
```

WIP_DISCRETE_JOBS_T4 calls PJM_PROJECT_LOCATOR.GET_JOB_PROJECTSUPPLY in order to find a locator for the project, if any, that is associated with the job being created.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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	MFG_LOOKUPS
	1	Discrete job
	2	Repetitive assembly
	3	Closed discrete job
	4	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	PRIMARY_ITEM_ID
		4	ORGANIZATION_ID
WIP_ENTITIES_U1	UNIQUE	1	WIP_ENTITY_ID
WIP_ENTITIES_U2	UNIQUE	3	WIP_ENTITY_NAME
		4	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
WIP_ENTITIES_S	WIP_ENTITY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_FLOW_SCHEDULES

WIP_FLOW_SCHEDULES stores Work Order–less Flow schedule information. Each row represents a Flow schedule and contains information about the assembly being built, the assembly revision, the schedule quantity, the status of the Flow schedule, and accounting information. Oracle Work in Process uses this information to control Flow schedule production.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	ALTERNATE_BOM_DESIGNATOR ORGANIZATION_ID ASSEMBLY_ITEM_ID	ALTERNATE_BOM_DESIGNATOR ORGANIZATION_ID PRIMARY_ITEM_ID
BOM_OPERATIONAL_ROUTINGS	ALTERNATE_ROUTING_DESIGNATOR ORGANIZATION_ID ASSEMBLY_ITEM_ID	ALTERNATE_ROUTING_DESIGNATOR ORGANIZATION_ID PRIMARY_ITEM_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROC_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	STD_COST_ADJUSTMENT_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_VARIANCE_ACCOUNT
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	COMPLETION_LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION	PRIMARY_ITEM_ID ORGANIZATION_ID BOM_REVISION
MTL_ITEM_SUB_INVENTORIES	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_INVENTORY	PRIMARY_ITEM_ID ORGANIZATION_ID COMPLETION_SUBINVENTORY
MTL_KANBAN_CARDS	KANBAN_CARD_ID	KANBAN_CARD_ID
MTL_RTG_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID PROCESS_REVISION	PRIMARY_ITEM_ID ORGANIZATION_ID ROUTING_REVISION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	END_ITEM_UNIT_NUMBER
WIP_ACCOUNTING_CLASSES	CLASS_CODE ORGANIZATION_ID	CLASS_CODE ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS	WIP_FLOW_SCHEDULE_STATUS	MFG_LOOKUPS
	1	Open
	2	Closed

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions

Name	Null?	Type	Description
SCHEDULED_FLAG	NOT NULL	NUMBER	Whether a scheduled or unscheduled assembly
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP Flow 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
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly the Flow schedule creates
CLASS_CODE	NOT NULL	VARCHAR2(10)	Accounting class associated with the Flow schedule
SCHEDULED_START_DATE	NOT NULL	DATE	Date on which the Flow schedule is scheduled to start
DATE_CLOSED	NULL	DATE	Last unit actual completion date
PLANNED_QUANTITY	NOT NULL	NUMBER	Flow schedule initial planned quantity
QUANTITY_COMPLETED	NOT NULL	NUMBER	Current Flow schedule quantity completed
MPS_SCHEDULED_COMPLETION_DATE	NULL	DATE	Date used by MRP to relieve the MPS for the Flow schedule (used by MRP only)
MPS_NET_QUANTITY	NULL	NUMBER	Quantity used by MRP to relieve MPS for the Flow schedule (used by MRP only)
BOM_REVISION	NULL	VARCHAR2(3)	Inventory item revision code
ROUTING_REVISION	NULL	VARCHAR2(3)	Routing revision code
BOM_REVISION_DATE	NULL	DATE	Date of inventory item revision used to explode the bill of materials used in the Flow schedule
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill of material used in a Flow schedule
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing used in a Flow schedule
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Default completion subinventory for assemblies completed by the Flow schedule
COMPLETION_LOCATOR_ID	NULL	NUMBER	Default completion locator identifier for assemblies completed by the Flow schedule
MATERIAL_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material charges for a Flow schedule
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material overhead charges for a Flow schedule
RESOURCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource charges for a Flow schedule
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing charges for a Flow schedule

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
MATERIAL_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material variances for a Flow schedule
RESOURCE_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource variances for a Flow schedule
OUTSIDE_PROC_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing variances for a Flow schedule
STD_COST_ADJUSTMENT_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate standard cost variances for a Flow schedule
OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate overhead charges for a Flow schedule
OVERHEAD_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate overhead variances for a Flow schedule
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the schedule satisfies
SCHEDULED_COMPLETION_DATE	NOT NULL	DATE	Scheduled completion date
SCHEDULE_GROUP_ID	NULL	NUMBER	Schedule group for the Flow schedule
BUILD_SEQUENCE	NULL	NUMBER	Build sequence
LINE_ID	NULL	NUMBER	Production line Identifier
PROJECT_ID	NULL	NUMBER	Project Identifier
TASK_ID	NULL	NUMBER	Project task Identifier
STATUS	NOT NULL	NUMBER	WIP entity type code
SCHEDULE_NUMBER	NOT NULL	VARCHAR2(30)	Flow schedule reference 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
DEMAND_SOURCE_HEADER_ID	NULL	NUMBER	Sales order Identifier
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Sales order line Identifier
DEMAND_SOURCE_DELIVERY	NULL	VARCHAR2(30)	Delivery Identifier
DEMAND_SOURCE_TYPE	NULL	NUMBER	Demand source type
KANBAN_CARD_ID	NULL	NUMBER	Production kanban replentished by the schedule
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Assembly unit number Identifier to support Project Manufacturing in Model Unit Effectivity
QUANTITY_SCRAPPED	NOT NULL	NUMBER	Number of assemblies scrapped for this schedule

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
CURRENT_LINE_OPERATION	NULL	NUMBER	The line operation where the assembly is in production
SYNCH_SCHEDULE_NUM	NULL	VARCHAR2(30)	
SYNCH_OPERATION_SEQ_NUM	NULL	NUMBER	
ROLL_FORWARDED_FLAG	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_FLOW_SCHEDULES_N1	NOT UNIQUE	1	PRIMARY_ITEM_ID
		2	LINE_ID
		3	SCHEDULE_GROUP_ID
		4	BUILD_SEQUENCE
WIP_FLOW_SCHEDULES_N2	NOT UNIQUE	2	LINE_ID
		4	SCHEDULE_GROUP_ID
		6	PRIMARY_ITEM_ID
		8	BUILD_SEQUENCE
WIP_FLOW_SCHEDULES_U1	UNIQUE	1	WIP_ENTITY_ID
		2	ORGANIZATION_ID
WIP_FLOW_SCHEDULES_U2	UNIQUE	1	SCHEDULE_NUMBER
		3	ORGANIZATION_ID

Database Triggers

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

WIP_FLOW_SCHEDULES_BRI inserts a corresponding row in WIP_ENTITIES.

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

WIP_FLOW_SCHEDULES_ARD deletes a corresponding row in WIP_ENTITIES.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_LINES

WIP_LINES stores production line information. Each row includes a line name, maximum and minimum rate information, throughput for rate based lines (lead time), and the start and stop time information that determines the amount of time per day that 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	NULL	NUMBER	Standard Who column
LINE_CODE	NOT NULL	VARCHAR2(10)	Line name
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
DISABLE_DATE	NULL	DATE	Disable date
MINIMUM_RATE	NOT NULL	NUMBER	Hourly minimum rate
MAXIMUM_RATE	NOT NULL	NUMBER	Hourly maximum rate
FIXED_THROUGHPUT	NULL	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	NULL	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	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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_MOVE_TRANSACTIONS

WIP_MOVE_TRANSACTIONS stores information about shop floor Move transactions. Each row represents a single Move transaction and includes a unique transaction identifier, the transaction date, the job or repetitive schedule in which the Move occurs, the Move quantity, as well as information about the From and To operation sequence numbers, operation codes, and intraoperation steps. Oracle Work in Process uses this information to track Move transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	FM_DEPARTMENT_ID
BOM_DEPARTMENTS	DEPARTMENT_ID	TO_DEPARTMENT_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SCRAP_ACCOUNT_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TRANSACTION_UOM
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	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
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
GROUP_ID	NOT NULL	NUMBER	Transaction group Identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the shop floor control system that generated the transaction record (null if created by Oracle Work in Process)
SOURCE_LINE_ID	NULL	NUMBER	Identifier used by source shop floor control system (null if created by Oracle Work in Process)
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
LINE_ID	NULL	NUMBER	WIP line Identifier
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for assembly that the job or schedule creates
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting period Identifier
FM_OPERATION_SEQ_NUM	NOT NULL	NUMBER	From operation number

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
FM_OPERATION_CODE	NULL	VARCHAR2(4)	Short code that uniquely identifies the From operation
FM_DEPARTMENT_ID	NOT NULL	NUMBER	From department Identifier
FM_INTRAOPERATION_STEP_TYPE	NOT NULL	NUMBER	From intraoperation step
TO_OPERATION_SEQ_NUM	NOT NULL	NUMBER	To operation number
TO_OPERATION_CODE	NULL	VARCHAR2(4)	Short code that uniquely identifies the To operation
TO_DEPARTMENT_ID	NOT NULL	NUMBER	To department Identifier
TO_INTRAOPERATION_STEP_TYPE	NOT NULL	NUMBER	To intraoperation step
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction move quantity
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Transaction unit of measure code
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction move quantity in assembly's primary unit of measure
PRIMARY_UOM	NOT NULL	VARCHAR2(3)	Unit of measure code of the assembly
SCRAP_ACCOUNT_ID	NULL	NUMBER	General Ledger account charged when material is scrapped
REASON_ID	NULL	NUMBER	Standard reason Identifier for performing the move transaction
REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
QA_COLLECTION_ID	NULL	NUMBER	Collection Identifier for quality results
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
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion quantity specified in the transaction UOM
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion quantity derived in the Primary UOM
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Links parent Move or Completion transactions with a child Move transaction for Overcompletions
WF_ITEMTYPE	NULL	VARCHAR2(8)	Workflow Item Type
WF_ITEMKEY	NULL	VARCHAR2(240)	Workflow Item Key

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_MOVE_TRANSACTIONS_N1	NOT UNIQUE	1	WIP_ENTITY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
WIP_MOVE_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_DATE
		2	CREATION_DATE
		3	TRANSACTION_ID
WIP_MOVE_TRANSACTIONS_N3	NOT UNIQUE	2	PRIMARY_ITEM_ID
		4	ORGANIZATION_ID
WIP_MOVE_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID
WIP_WORKFLOW_S	WF_ITEMKEY

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_MOVE_TXN_INTERFACE

WIP_MOVE_TXN_INTERFACE contains information about the shop floor Move transactions that need to be processed. Each row contains the transaction date, the job or repetitive schedule in which you are moving assemblies, the primary unit of measure, the actual unit of measure transaction quantities, the foreign keys necessary for WIP to process the Move transaction as well as information about the From and To operation sequence numbers, operation codes, and intraoperation steps. This table supports all shop floor Move transactions including transactions loaded from other systems, such as bar code readers, using the Oracle Work in Process Open Move Transaction Interface.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	SCRAP_ACCOUNT_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	TRANSACTION_UOM
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PRIMARY_UOM
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID
WIP_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID FM_OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID
WIP_OPERATIONS	WIP_ENTITY_ID REPETITIVE_SCHEDULE_ID OPERATION_SEQ_NUM	WIP_ENTITY_ID REPETITIVE_SCHEDULE_ID TO_OPERATION_SEQ_NUM
WIP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ENTITY_TYPE	WIP_ENTITY	MFG_LOOKUPS
	1	Discrete job
	2	Repetitive assembly
	3	Closed discrete job
	4	Flow schedule
PROCESS_PHASE	WIP_MOVE_PROCESS_PHASE	MFG_LOOKUPS
	1	Move validation
	2	Move processing
	3	Backflush setup
PROCESS_STATUS	WIP_PROCESS_STATUS	MFG_LOOKUPS
	1	Pending
	2	Running
	3	Error
	4	Complete
	5	Warning
TRANSACTION_TYPE	WIP_MOVE_TRANSACTION_TYPE	MFG_LOOKUPS
	1	Move transaction

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	Move and completion transaction
	3	Return and move transaction

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NULL	NUMBER	Transaction Identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATED_BY_NAME	NULL	VARCHAR2(100)	User name of the person who last updated the record
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
CREATED_BY_NAME	NULL	VARCHAR2(100)	User name of the person who created the record
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
GROUP_ID	NULL	NUMBER	Transaction group Identifier
KANBAN_CARD_ID	NULL	NUMBER	Kanban Card reference for Move completions
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the shop floor control system that generated the transaction record (null if created by Oracle Work in Process)
SOURCE_LINE_ID	NULL	NUMBER	Identifier used by source shop floor control system (null if created by Oracle Work in Process)
PROCESS_PHASE	NOT NULL	NUMBER	Transaction processing phase
PROCESS_STATUS	NOT NULL	NUMBER	Transaction processing status
TRANSACTION_TYPE	NULL	NUMBER	Transaction type
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly Identifier
WIP_ENTITY_NAME	NULL	VARCHAR2(240)	WIP job or repetitive assembly name
ENTITY_TYPE	NULL	NUMBER	WIP entity type code
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for assembly that the job or schedule creates
LINE_ID	NULL	NUMBER	WIP line Identifier
LINE_CODE	NULL	VARCHAR2(10)	Line name
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule Identifier (this column is solely for internal use)
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
ACCT_PERIOD_ID	NULL	NUMBER	Accounting period Identifier
FM_OPERATION_SEQ_NUM	NULL	NUMBER	From operation sequence number
FM_OPERATION_CODE	NULL	VARCHAR2(4)	From operation code
FM_DEPARTMENT_ID	NULL	NUMBER	From operation Identifier
FM_DEPARTMENT_CODE	NULL	VARCHAR2(10)	From department code
FM_INTRAOPERATION_STEP_TYPE	NULL	NUMBER	From intra-operation step

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TO_OPERATION_SEQ_NUM	NULL	NUMBER	To operation sequence number
TO_OPERATION_CODE	NULL	VARCHAR2(4)	To operation code
TO_DEPARTMENT_ID	NULL	NUMBER	To department Identifier
TO_DEPARTMENT_CODE	NULL	VARCHAR2(10)	To department code
TO_INTRAOPERATION_STEP_TYPE	NULL	NUMBER	To intraoperation step
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity (between operations)
TRANSACTION_UOM	NOT NULL	VARCHAR2(3)	Unit of measure used in transaction
PRIMARY_QUANTITY	NULL	NUMBER	Quantity of assembly being moved between operations expressed in the assembly's primary unit of measure
PRIMARY_UOM	NULL	VARCHAR2(3)	Primary unit of measure for the assembly
SCRAP_ACCOUNT_ID	NULL	NUMBER	General Ledger account charged when material is scrapped
REASON_ID	NULL	NUMBER	Standard transaction reason identifier
REASON_NAME	NULL	VARCHAR2(30)	Standard transaction reason name
REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
QA_COLLECTION_ID	NULL	NUMBER	Collection Identifier for quality results
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
OVERCOMPLETION_TRANSACTION_QTY	NULL	NUMBER	Overcompletion quantity specified in the transaction UOM
OVERCOMPLETION_PRIMARY_QTY	NULL	NUMBER	Overcompletion quantity derived in the primary unit of measure
OVERCOMPLETION_TRANSACTION_ID	NULL	NUMBER	Column that links parent Move/Completion transaction with a child Move transaction for Overcompletions.

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_MOVE_TXN_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID
		2	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_OPERATIONS

WIP_OPERATIONS stores information about job and repetitive schedule operations. Each row represents a specific operation and includes an operation sequence number, which orders the operations for the job or repetitive schedule. Each row also includes the assembly quantity completed at an operation, the quantity at each intraoperation step, the department associated with an operation, the scheduled start and completion dates for an operation, the operation's countpoint and backflush types and other operation attributes. In general, Oracle Work in Process uses this information to control and monitor assembly production on the shop floor.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_OPERATION_SEQUENCES	OPERATION_SEQUENCE_ID	OPERATION_SEQUENCE_ID
BOM_STANDARD_OPERATIONS	STANDARD_OPERATION_ID	STANDARD_OPERATION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID PREVIOUS_OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID
WIP_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID NEXT_OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKFLUSH_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
COUNT_POINT_TYPE	BOM_COUNT_POINT_TYPE	MFG_LOOKUPS
	1	Yes – autocharge
	2	No – autocharge
	3	No – direct charge

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or schedule Identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number within a routing
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
REPETITIVE_SCHEDULE_ID (PK)	NULL	NUMBER	WIP repetitive schedule 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
OPERATION_SEQUENCE_ID	NULL	NUMBER	Operation sequence Identifier
STANDARD_OPERATION_ID	NULL	NUMBER	Standard operation Identifier
DEPARTMENT_ID	NOT NULL	NUMBER	Department Identifier
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
SCHEDULED_QUANTITY	NOT NULL	NUMBER	Number of units scheduled for the operation
QUANTITY_IN_QUEUE	NOT NULL	NUMBER	Number of units in Queue of the operation
QUANTITY_RUNNING	NOT NULL	NUMBER	Number of units in To Run of the operation
QUANTITY_WAITING_TO_MOVE	NOT NULL	NUMBER	Number of units waiting To Move in the operation
QUANTITY_REJECTED	NOT NULL	NUMBER	Number of units rejected from the operation
QUANTITY_SCRAPPED	NOT NULL	NUMBER	Number of units scrapped from the operation
QUANTITY_COMPLETED	NOT NULL	NUMBER	Number of units completed by the operation
FIRST_UNIT_START_DATE	NOT NULL	DATE	First unit scheduled receipt date
FIRST_UNIT_COMPLETION_DATE	NOT NULL	DATE	First unit scheduled completion date
LAST_UNIT_START_DATE	NOT NULL	DATE	Last unit scheduled receipt date
LAST_UNIT_COMPLETION_DATE	NOT NULL	DATE	Last unit scheduled completion date
PREVIOUS_OPERATION_SEQ_NUM	NULL	NUMBER	Previous operation sequence number
NEXT_OPERATION_SEQ_NUM	NULL	NUMBER	Next operation sequence number
COUNT_POINT_TYPE	NOT NULL	NUMBER	Operation move type
BACKFLUSH_FLAG	NOT NULL	NUMBER	Backflush control code
MINIMUM_TRANSFER_QUANTITY	NOT NULL	NUMBER	Minimum operation transfer quantity
DATE_LAST_MOVED	NULL	DATE	Operation last move date
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
WF_ITEMTYPE	NULL	VARCHAR2(8)	Workflow Item Type
WF_ITEMKEY	NULL	VARCHAR2(240)	Workflow Item Key
OPERATION_YIELD	NULL	NUMBER	Operation yield for an operation

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
OPERATION_YIELD_ENABLED	NULL	NUMBER	Indicates whether operation yield is to be considered by the cost processor
PRE_SPLIT_QUANTITY	NULL	NUMBER	Start Quantity of Parent job in case of split transaction

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_OPERATIONS_N1	NOT UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	ORGANIZATION_ID
WIP_OPERATIONS_N2	NOT UNIQUE	1	DEPARTMENT_ID
WIP_OPERATIONS_U1	UNIQUE	1	WIP_ENTITY_ID
		2	OPERATION_SEQ_NUM
		3	ORGANIZATION_ID
		4	REPETITIVE_SCHEDULE_ID

Sequences

Sequence	Derived Column
WIP_WORKFLOW_S	WF_ITEMKEY

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_OPERATION_RESOURCES

WIP_OPERATION_RESOURCES stores information about the resource requirements associated with job and repetitive schedule operations. Each row represents a resource requirement and contains a sequence number, the resource's unit of measure, its usage rate or amount, and several other attributes that control how it is scheduled and costed. Oracle Work in Process uses this information to schedule jobs and repetitive schedules and to charge resources to jobs and schedules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID ORGANIZATION_ID	DEPARTMENT_ID ORGANIZATION_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
WIP_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
SCHEDULED_FLAG	BOM_RESOURCE_SCHEDULE_TYPE	MFG_LOOKUPS
	1	Yes
	2	No
	3	Prior
	4	Next
STANDARD_RATE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number within a routing
RESOURCE_SEQ_NUM (PK)	NOT NULL	NUMBER	Resource sequence number
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID (PK)	NULL	NUMBER	WIP repetitive schedule 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
RESOURCE_ID	NOT NULL	NUMBER	Resource Identifier
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
BASIS_TYPE	NOT NULL	NUMBER	Basis for scheduling and charging resource
USAGE_RATE_OR_AMOUNT	NOT NULL	NUMBER	Rate per assembly or amount per job/schedule
ACTIVITY_ID	NULL	NUMBER	Activity Identifier
SCHEDULED_FLAG	NOT NULL	NUMBER	Method of scheduling the resource
ASSIGNED_UNITS	NULL	NUMBER	Number of resources assigned to do work
AUTOCHARGE_TYPE	NOT NULL	NUMBER	Method of charging the resource
STANDARD_RATE_FLAG	NOT NULL	NUMBER	Indicates whether the resource is charged at the standard rate
APPLIED_RESOURCE_UNITS	NOT NULL	NUMBER	Amount of resource units charged
APPLIED_RESOURCE_VALUE	NOT NULL	NUMBER	Value of resource units charged
START_DATE	NOT NULL	DATE	Scheduled start date of the resource
COMPLETION_DATE	NOT NULL	DATE	Scheduled completion date of the resource
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
RELIEVED_RES_COMPLETION_UNITS	NULL	NUMBER	Units of resource relieved due to WIP completion
RELIEVED_RES_SCRAP_UNITS	NULL	NUMBER	Units of resource relieved due to WIP scrap
RELIEVED_RES_COMPLETION_VALUE	NULL	NUMBER	Value of resource relieved due to WIP completion
RELIEVED_RES_SCRAP_VALUE	NULL	NUMBER	Value of resource relieved due to WIP scrap

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
RELIEVED_VARIANCE_VALUE	NULL	NUMBER	Value of variance relieved
TEMP_RELIEVED_VALUE	NULL	NUMBER	Temporary column used in completion cost implementation
RELIEVED_RES_FINAL_COMP_UNITS	NULL	NUMBER	Units of resource relieved due to negative final completion
DEPARTMENT_ID	NULL	NUMBER	Department of this resource, if different from that of parent operation
PHANTOM_FLAG	NULL	NUMBER	Indicates whether or not this is a phantom routing resource (1 for yes, 2 for no)
PHANTOM_OP_SEQ_NUM	NULL	NUMBER	Operation sequence number, if part of a phantom routing
PHANTOM_ITEM_ID	NULL	NUMBER	Item, if part of a phantom routing
SCHEDULE_SEQ_NUM	NULL	NUMBER	schedule sequence number
SUBSTITUTE_GROUP_NUM	NULL	NUMBER	substitution group number
REPLACEMENT_GROUP_NUM	NULL	NUMBER	replacement group number
PRINCIPLE_FLAG	NULL	NUMBER	principle flag, for aps
SETUP_ID	NULL	NUMBER	
PARENT_RESOURCE_SEQ	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_OPERATION_RESOURCES_N1	NOT UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	ORGANIZATION_ID
		3	OPERATION_SEQ_NUM
WIP_OPERATION_RESOURCES_N2	NOT UNIQUE	1	RESOURCE_ID
WIP_OPERATION_RESOURCES_U1	UNIQUE	1	WIP_ENTITY_ID
		2	OPERATION_SEQ_NUM
		3	RESOURCE_SEQ_NUM
		4	ORGANIZATION_ID
		5	REPETITIVE_SCHEDULE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_PARAMETERS

WIP_PARAMETERS stores organization level information used to control Oracle Work in Process. Each row represents the settings for an entire organization and contains default General Ledger accounts for cost elements, scheduling methods, cost accounting methods, and material control defaults.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	DEFAULT_PULL_SUPPLY_LOCATOR_ID ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	DEFAULT_PULL_SUPPLY_SUBINV ORGANIZATION_ID
WIP_ACCOUNTING_CLASSES	CLASS_CODE ORGANIZATION_ID	DEFAULT_DISCRETE_CLASS ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BACKFLUSH_LOT_ENTRY_TYPE	WIP_BACKFLUSH_LOT_ENTRY	MFG_LOOKUPS
	1	Manual selection, verify all
	2	Receipt date fifo, verify all
	3	Receipt date fifo, verify exceptions
	4	Expiration date fifo, verify all
	5	Expiration date fifo, verify exceptions
DYNAMIC_OPERATION_INSERT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MANDATORY_SCRAP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MOVES_OVER_NO_MOVE_STATUSES	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REPETITIVE_VARIANCE_TYPE	WIP_REPETITIVE_VARIANCE_TYPE	MFG_LOOKUPS
	1	All schedules
	2	Complete – no charges, Cancelled schedules only
SO_CHANGE_RESPONSE_TYPE	WIP_SO_CHANGE_TYPE	MFG_LOOKUPS
	1	Never respond to sales order changes
	2	Always respond to sales order changes
	3	Respond to sales order changes when linked 1 to 1

Column Descriptions

Name	Null?	Type	Description
COMPONENT_ATP_RULE_ID	NULL	NUMBER	Identifies the component's ATP Rule

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
DEFAULT_PULL_SUPPLY_SUBINV	NOT NULL	VARCHAR2(10)	Default subinventory used for pull requirements when no pull subinventory has been specified in the bill of materials or as a default WIP supply subinventory in Inventory
DEFAULT_PULL_SUPPLY_LOCATOR_ID	NULL	NUMBER	Default locator used for pull requirements when no pull locator has been specified in the bill of materials or as a default WIP supply locator in Inventory
LOT_NUMBER_DEFAULT_TYPE	NOT NULL	NUMBER	Method used to determine default lot number for a discrete job
BACKFLUSH_LOT_ENTRY_TYPE	NOT NULL	NUMBER	Method of entering lot numbers during a backflush transaction
DEFAULT_DISCRETE_CLASS	NULL	VARCHAR2(10)	Default accounting class for discrete jobs
DYNAMIC_OPERATION_INSERT_FLAG	NOT NULL	NUMBER	Indicates whether operations can be added to a routing from the Move Transactions window
MANDATORY_SCRAP_FLAG	NOT NULL	NUMBER	Used to mandate entering a scrap account on moving assemblies to the Scrap intraoperation
SO_CHANGE_RESPONSE_TYPE	NOT NULL	NUMBER	Manner in which WIP responds to changes made by Oracle Order Management to sales order lines linked to WIP
REPETITIVE_VARIANCE_TYPE	NOT NULL	NUMBER	Controls whether variances are relieved for all or completed and cancelled schedules
AUTORELEASE_DAYS	NOT NULL	NUMBER	On completion of a schedule, a subsequent schedule is released if its start date is within the autorelease days
OSP_SHOP_FLOOR_STATUS	NULL	VARCHAR2(10)	Default shop floor status for outside processing
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality
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
COMPLETION_COST_SOURCE	NULL	NUMBER	Default completion cost source for average costing
COST_TYPE_ID	NULL	NUMBER	Default cost type Identifier for average costing
AUTO_COMPUTE_FINAL_COMPLETION	NULL	NUMBER	Flag indicating automatic computation of final completions for average costing
MOVES_OVER_NO_MOVE_STATUSES	NULL	NUMBER	Allow skipping of No Move shop floor statuses during Move transactions
SYSTEM_OPTION_ID	NULL	NUMBER	System option Identifier
PO_CREATION_TIME	NOT NULL	NUMBER	Determines whether or not a purchase order is created for outside processing, and when it is created
DEFAULT_OVERCOMPL_TOLERANCE	NULL	NUMBER	Default overcompletion tolerance percentage
PRODUCTION_SCHEDULER_ID	NULL	NUMBER	Production Scheduler Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SHIPPING_MANAGER_ID	NULL	NUMBER	Shipping Manager Identifier
USE_FINITE_SCHEDULER	NULL	NUMBER	Flag to indicate if the constraint based scheduler is used for this organization
MATERIAL_CONSTRAINED	NULL	NUMBER	Flag to indicate if material constraints should be used by the constraint based scheduler
HORIZON_LENGTH	NULL	NUMBER	Horizon length (in days) to be used by the constraint based scheduler
DEFAULT_SCRAP_ACCOUNT_ID	NULL	NUMBER	The scrap account id for mobile scrap transactions
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set used when scheduling
OPTIMIZATION	NULL	NUMBER	The optimization used in constraint scheduling
DUE_DATE_PENALTY	NULL	NUMBER	Penalty incurred if job is late (in days)
DUE_DATE_TOLERANCE	NULL	NUMBER	Number of days a job can be late
MAXIMUM_PENALTY	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_PERIOD_BALANCES

WIP_PERIOD_BALANCES stores summary accounting information for jobs and schedules. Each row represents job or schedule charges within a given accounting period, and contains the summary values for each cost element. Oracle Work in Process uses this information to report job and schedule values and to calculate job and period variances.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_FLOW_SCHEDULES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLASS_TYPE	WIP_CLASS_TYPE	MFG_LOOKUPS
	1	Standard discrete
	2	Repetitive assembly
	3	Asset non–standard
	4	Expense non–standard

Column Descriptions

Name	Null?	Type	Description
ACCT_PERIOD_ID (PK)	NOT NULL	NUMBER	Accounting period Identifier
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
REPETITIVE_SCHEDULE_ID (PK)	NULL	NUMBER	WIP repetitive schedule 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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
CLASS_TYPE	NOT NULL	NUMBER	Accounting class type
TL_RESOURCE_IN	NULL	NUMBER	This level resource value put into the job or repetitive schedule
TL_OVERHEAD_IN	NULL	NUMBER	This level overhead value put into the job or repetitive schedule
TL_OUTSIDE_PROCESSING_IN	NULL	NUMBER	This level outside processing value put into the job or repetitive schedule
PL_MATERIAL_IN	NULL	NUMBER	Previous level material value put into the job or repetitive schedule
PL_MATERIAL_OVERHEAD_IN	NULL	NUMBER	Previous level material overhead value put into the job or repetitive schedule
PL_RESOURCE_IN	NULL	NUMBER	Previous level resource value put into the job or repetitive schedule

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PL_OVERHEAD_IN	NULL	NUMBER	Previous level overhead value put into the job or repetitive schedule
PL_OUTSIDE_PROCESSING_IN	NULL	NUMBER	Previous level outside processing value put into the job or repetitive schedule
TL_MATERIAL_OUT	NULL	NUMBER	This level material value taken out of the job or repetitive schedule
TL_MATERIAL_OVERHEAD_OUT	NULL	NUMBER	This level material overhead value taken out of the job or repetitive schedule
TL_RESOURCE_OUT	NULL	NUMBER	This level resource value taken out of the job or repetitive schedule
TL_OVERHEAD_OUT	NULL	NUMBER	This level overhead value taken out of the job or repetitive schedule
TL_OUTSIDE_PROCESSING_OUT	NULL	NUMBER	This level outside processing value taken out of the job or repetitive schedule
PL_MATERIAL_OUT	NULL	NUMBER	Previous level material value taken out of the job or repetitive schedule
PL_MATERIAL_OVERHEAD_OUT	NULL	NUMBER	Previous level material overhead value taken out of the job or repetitive schedule
PL_RESOURCE_OUT	NULL	NUMBER	Previous level resource value taken out of the job or repetitive schedule
PL_OVERHEAD_OUT	NULL	NUMBER	Previous level overhead value taken out of the job or repetitive schedule
PL_OUTSIDE_PROCESSING_OUT	NULL	NUMBER	Previous level outside processing value taken out of the job or repetitive schedule
REQUEST_ID	NULL	NUMBER	Extended Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Extended Who column
PROGRAM_ID	NULL	NUMBER	Extended Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Extended Who column
TL_MATERIAL_VAR	NULL	NUMBER	This level material variance
TL_MATERIAL_OVERHEAD_VAR	NULL	NUMBER	This level material overhead variance
TL_RESOURCE_VAR	NULL	NUMBER	This level resource variance
TL_OUTSIDE_PROCESSING_VAR	NULL	NUMBER	This level outside processing variance
TL_OVERHEAD_VAR	NULL	NUMBER	This level overhead variance
PL_MATERIAL_VAR	NULL	NUMBER	Previous level material variance
PL_MATERIAL_OVERHEAD_VAR	NULL	NUMBER	Previous level material overhead variance
PL_RESOURCE_VAR	NULL	NUMBER	Previous level resource variance
PL_OVERHEAD_VAR	NULL	NUMBER	Previous level overhead variance
PL_OUTSIDE_PROCESSING_VAR	NULL	NUMBER	Previous level outside processing variance
TL_SCRAP_IN	NULL	NUMBER	This level scrap in, applicable only for WSM entities
TL_SCRAP_OUT	NULL	NUMBER	This level scrap out, applicable only for WSM entities

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
TL_SCRAP_VAR	NULL	NUMBER	This level scrap variance, applicable only for WSM entities

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_PERIOD_BALANCES_N1	NOT UNIQUE	1	WIP_ENTITY_ID
		2	ACCT_PERIOD_ID
WIP_PERIOD_BALANCES_U1	UNIQUE	1	ACCT_PERIOD_ID
		2	ORGANIZATION_ID
		3	WIP_ENTITY_ID
		4	REPETITIVE_SCHEDULE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_REPETITIVE_ITEMS

WIP_REPETITIVE_ITEMS stores information about repetitive assemblies and the production lines on which they are built. Each row represents a particular assembly and line combination, and includes information such as the line priority, the accounting class associated with the line, the production rate, the supply type of the line, whether the line is used in calculating the assembly's lead time (PRIMARY_LINE_FLAG), the completion subinventory and locator for a line, and the alternate bill and / or routing used for a particular line. Oracle Work in Process uses this information when you define repetitive schedules. Oracle Master Scheduling / MRP and Oracle Supply Chain Planning, as well as Oracle Capacity, use this information when mass loading repetitive schedules and running capacity loads on repetitive schedules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	ALTERNATE_BOM_DESIGNATOR ORGANIZATION_ID ASSEMBLY_ITEM_ID	ALTERNATE_BOM_DESIGNATOR ORGANIZATION_ID PRIMARY_ITEM_ID
BOM_OPERATIONAL_ROUTINGS	ALTERNATE_ROUTING_DESIGNATOR ORGANIZATION_ID ASSEMBLY_ITEM_ID	ALTERNATE_ROUTING_DESIGNATOR ORGANIZATION_ID PRIMARY_ITEM_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	COMPLETION_LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_SUB_INVENTORIES	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_INVENTORY	PRIMARY_ITEM_ID ORGANIZATION_ID COMPLETION_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	COMPLETION_SUBINVENTORY ORGANIZATION_ID
MTL_SECONDARY_LOCATORS	INVENTORY_ITEM_ID ORGANIZATION_ID SECONDARY_LOCATOR	PRIMARY_ITEM_ID ORGANIZATION_ID COMPLETION_LOCATOR_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
WIP_ACCOUNTING_CLASSES	CLASS_CODE ORGANIZATION_ID	CLASS_CODE ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PRIMARY_LINE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
WIP_SUPPLY_TYPE	WIP_SUPPLY	MFG_LOOKUPS
	1	Push
	2	Assembly Pull
	3	Operation Pull
	4	Bulk
	5	Supplier
	6	Phantom

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	7	Based on Bill

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP repetitive assembly Identifier
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	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
PRIMARY_ITEM_ID	NOT NULL	NUMBER	Inventory item Identifier for assembly that the repetitive schedule creates
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill of material used for assembly
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing used in a repetitive assembly
CLASS_CODE	NOT NULL	VARCHAR2(10)	Accounting class associated with the repetitive item
WIP_SUPPLY_TYPE	NOT NULL	NUMBER	Method of material consumption within WIP
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Default subinventory for completed units of assembly
COMPLETION_LOCATOR_ID	NULL	NUMBER	Default locator Identifier for completed units of assembly
LOAD_DISTRIBUTION_PRIORITY	NOT NULL	NUMBER	Priority that determines load distribution across lines for repetitive mass load
PRIMARY_LINE_FLAG	NOT NULL	NUMBER	Flag indicating whether or not the line is used for lead time calculations
PRODUCTION_LINE_RATE	NOT NULL	NUMBER	Number of assemblies that run down the line per hour
OVERCOMPLETION_TOLERANCE_TYPE	NULL	NUMBER	Unit of OVERCOMPLETION_TOLERANCE_VALUE (percent or amount)
OVERCOMPLETION_TOLERANCE_VALUE	NULL	NUMBER	Percent or amount above expected quantity that can be completed
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_REPETITIVE_ITEMS_N1	NOT UNIQUE	1	PRIMARY_ITEM_ID
WIP_REPETITIVE_ITEMS_N2	NOT UNIQUE	1	LINE_ID
		2	PRIMARY_ITEM_ID
WIP_REPETITIVE_ITEMS_N3	NOT UNIQUE	1	CLASS_CODE
		2	ORGANIZATION_ID
		3	ATTRIBUTE1
WIP_REPETITIVE_ITEMS_U1	UNIQUE	1	WIP_ENTITY_ID
		2	LINE_ID
		3	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_REPETITIVE_SCHEDULES

WIP_REPETITIVE_SCHEDULES stores repetitive schedule information. Each row includes a repetitive schedule Identifier, information about the schedule's production line, start and end dates, rate, throughput, revision, status, and information on the General Ledger accounts to which charges for this schedule are written. Oracle Work in Process uses this information to control repetitive production.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	COMMON_BOM_SEQUENCE_ID
BOM_OPERATIONAL_ROUTINGS	ROUTING_SEQUENCE_ID	COMMON_ROUTING_SEQUENCE_ID
WIP_REPETITIVE_ITEMS	WIP_ENTITY_ID LINE_ID	WIP_ENTITY_ID LINE_ID
WIP_REPETITIVE_ITEMS	WIP_ENTITY_ID LINE_ID	WIP_ENTITY_ID LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FIRM_PLANNED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
STATUS_TYPE	WIP_JOB_STATUS	MFG_LOOKUPS
	1	Unreleased
	10	Pending Routing Load
	11	Failed Routing Load
	12	Closed
	13	Pending – Mass Loaded
	14	Pending Close
	15	Failed Close
	3	Released
	4	Complete
	5	Complete – No Charges
	6	On Hold
	7	Cancelled
	8	Pending Bill Load
	9	Failed Bill Load

Column Descriptions

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID (PK)	NOT NULL	NUMBER	WIP repetitive 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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP repetitive assembly Identifier
LINE_ID	NOT NULL	NUMBER	WIP line Identifier
DAILY_PRODUCTION_RATE	NOT NULL	NUMBER	Schedule daily quantity
PROCESSING_WORK_DAYS	NOT NULL	NUMBER	Processing work days
STATUS_TYPE	NOT NULL	NUMBER	Status of repetitive schedule
FIRM_PLANNED_FLAG	NOT NULL	NUMBER	Control for MRP rescheduling
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill of material used in repetitive schedule
COMMON_BOM_SEQUENCE_ID	NULL	NUMBER	Common bill Identifier
BOM_REVISION	NULL	VARCHAR2(3)	Inventory item revision code
BOM_REVISION_DATE	NULL	DATE	Date of inventory item revision used to explode the bill of material used in the schedule
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing used in a repetitive schedule
COMMON_ROUTING_SEQUENCE_ID	NULL	NUMBER	Common routing Identifier
ROUTING_REVISION	NULL	VARCHAR2(3)	Routing revision code
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
FIRST_UNIT_START_DATE	NOT NULL	DATE	First unit start date
FIRST_UNIT_COMPLETION_DATE	NOT NULL	DATE	First unit completion date
LAST_UNIT_START_DATE	NOT NULL	DATE	Last unit start date
LAST_UNIT_COMPLETION_DATE	NOT NULL	DATE	Last unit completion date
DATE_RELEASED	NULL	DATE	Date on which repetitive schedule is released
DATE_CLOSED	NULL	DATE	Date on which the repetitive schedule is set to Complete – No charges or to Cancelled
QUANTITY_COMPLETED	NOT NULL	NUMBER	Current quantity completed on the schedule
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the schedule satisfies
MATERIAL_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate material charges for a repetitive schedule
MATERIAL_OVERHEAD_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate material overhead charges for a repetitive schedule
RESOURCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate resource charges for a repetitive schedule
OVERHEAD_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate overhead charges for a repetitive schedule
OUTSIDE_PROCESSING_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate outside processing charges for a repetitive schedule
MATERIAL_VARIANCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate material variances for a repetitive schedule
OVERHEAD_VARIANCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate overhead variances for a repetitive schedule
RESOURCE_VARIANCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate resource variances for a repetitive schedule

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
OUTSIDE_PROC_VARIANCE_ACCOUNT	NOT NULL	NUMBER	General Ledger account to accumulate outside processing variances for a repetitive schedule
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
PO_CREATION_TIME	NOT NULL	NUMBER	Determines whether or not a purchase order is created for an outside processing item, and when it is created

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_REPETITIVE_SCHEDULES_N1	NOT UNIQUE	1	LINE_ID
WIP_REPETITIVE_SCHEDULES_N2	NOT UNIQUE	1	WIP_ENTITY_ID
		2	LINE_ID
WIP_REPETITIVE_SCHEDULES_U1	UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	ORGANIZATION_ID

Sequences

Sequence	Derived Column
WIP_REPETITIVE_SCHEDULES_S	REPETITIVE_SCHEDULE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_REQUIREMENT_OPERATIONS

WIP_REQUIREMENT_OPERATIONS stores information about the material requirements of jobs and schedules. Each row represents a material requirement and contains information about the component item, its usage quantities, the using department, requirement date, and the material control method. Oracle Work in Process uses this information to track the material usage of jobs and schedules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	SUPPLY_LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_SUB_INVENTORIES	ORGANIZATION_ID SECONDARY_INVENTORY INVENTORY_ITEM_ID	ORGANIZATION_ID SUPPLY_SUBINVENTORY INVENTORY_ITEM_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUPPLY_SUBINVENTORY ORGANIZATION_ID
MTL_SECONDARY_LOCATORS	ORGANIZATION_ID SECONDARY_LOCATOR INVENTORY_ITEM_ID	ORGANIZATION_ID SUPPLY_LOCATOR_ID INVENTORY_ITEM_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID INVENTORY_ITEM_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID	WIP_ENTITY_ID OPERATION_SEQ_NUM REPETITIVE_SCHEDULE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
MRP_NET_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
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

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Item Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number within a routing

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REPETITIVE_SCHEDULE_ID (PK)	NULL	NUMBER	WIP repetitive schedule 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
COMPONENT_SEQUENCE_ID	NULL	NUMBER	Bill of materials component sequence Identifier
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
WIP_SUPPLY_TYPE	NOT NULL	NUMBER	Method of material consumption within WIP
DATE_REQUIRED	NULL	DATE	Operation requirement start date
REQUIRED_QUANTITY	NOT NULL	NUMBER	Part quantity required
QUANTITY_ISSUED	NOT NULL	NUMBER	Part quantity issued
QUANTITY_PER_ASSEMBLY	NOT NULL	NUMBER	Part usage quantity
COMMENTS	NULL	VARCHAR2(240)	Component comment descriptive text
SUPPLY_SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory used to supply component to WIP
SUPPLY_LOCATOR_ID	NULL	NUMBER	Locator used to supply component to WIP
MRP_NET_FLAG	NOT NULL	NUMBER	Determines whether or not MRP should consider the component requirement in its netting process
MPS_REQUIRED_QUANTITY	NULL	NUMBER	Quantity used by MPS relief process
MPS_DATE_REQUIRED	NULL	DATE	Date used by MPS relief process
SEGMENT1	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT2	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT3	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT4	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT5	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT6	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT7	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT8	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT9	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT10	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT11	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT12	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT13	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT14	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT15	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT16	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT17	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT18	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT19	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
SEGMENT20	NULL	VARCHAR2(40)	Item flexfield segment, copied from Inventory
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
RELIEVED_MATL_COMPLETION_QTY	NULL	NUMBER	Material quantity relieved due to WIP completion
RELIEVED_MATL_SCRAP_QUANTITY	NULL	NUMBER	Material quantity relieved due to WIP scrap
RELIEVED_MATL_FINAL_COMP_QTY	NULL	NUMBER	Material quantity relieved due to negative final completion

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_REQUIREMENT_OPERATIONS_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	DATE_REQUIRED
WIP_REQUIREMENT_OPERATIONS_N2	NOT UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	ORGANIZATION_ID
		3	INVENTORY_ITEM_ID
WIP_REQUIREMENT_OPERATIONS_N3	NOT UNIQUE	2	INVENTORY_ITEM_ID
		4	ORGANIZATION_ID
		6	REQUIRED_QUANTITY
		8	QUANTITY_ISSUED
WIP_REQUIREMENT_OPERATIONS_U1	UNIQUE	1	WIP_ENTITY_ID
		2	INVENTORY_ITEM_ID
		3	OPERATION_SEQ_NUM
		4	ORGANIZATION_ID
		5	REPETITIVE_SCHEDULE_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_SHOP_FLOOR_STATUSES

WIP_SHOP_FLOOR_STATUSES stores the status codes that you assign to a discrete job or repetitive schedule. Each row contains the operation sequence number and intraoperation step to which you assign the status. Oracle Work in Process uses this information to determine which operations and intraoperation steps you assigned statuses to in a job or repetitive schedule.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID
WIP_REPETITIVE_ITEMS	WIP_ENTITY_ID LINE_ID	WIP_ENTITY_ID LINE_ID
WIP_SHOP_FLOOR_STATUS_CODES	SHOP_FLOOR_STATUS_CODE ORGANIZATION_ID	SHOP_FLOOR_STATUS_CODE ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INTRAOPERATION_STEP_TYPE	WIP_INTRAOPERATION_STEP	MFG_LOOKUPS
	1	Queue
	2	Run
	3	To move
	4	Reject
	5	Scrap

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or repetitive assembly identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number within a routing
SHOP_FLOOR_STATUS_CODE (PK)	NOT NULL	VARCHAR2(10)	Standard operation status code
LINE_ID (PK)	NULL	NUMBER	WIP line identifier
INTRAOPERATION_STEP_TYPE (PK)	NOT NULL	NUMBER	Sub–operation within an operation sequence
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
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_SHOP_FLOOR_STATUSES_U1	UNIQUE	1	WIP_ENTITY_ID
		2	OPERATION_SEQ_NUM
		3	SHOP_FLOOR_STATUS_CODE
		4	ORGANIZATION_ID
		6	LINE_ID
		7	INTRAOPERATION_STEP_TYPE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_SHOP_FLOOR_STATUS_CODES

WIP_SHOP_FLOOR_STATUS_CODES stores the status codes and descriptions defined in the Shop Floor Statuses window in Oracle Work in Process. Each row contains information such as the status name, description, and whether the status prevents you from moving assemblies out of an operation and interoperation step to which you assign the status.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS_MOVE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
SHOP_FLOOR_STATUS_CODE (PK)	NOT NULL	VARCHAR2(10)	Standard operation status code
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(240)	Shop floor status code description
DISABLE_DATE	NULL	DATE	Shop floor status code disable date
STATUS_MOVE_FLAG	NOT NULL	NUMBER	Shop floor status move type
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining columns
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

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_SHOP_FLOOR_STATUS_CODES_U1	UNIQUE	1	SHOP_FLOOR_STATUS_CODE
		2	ORGANIZATION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_TRANSACTIONS

WIP_TRANSACTIONS stores information about WIP resource transactions. Each row represents a single resource transaction and includes a unique transaction Identifier, a transaction date, the job or repetitive schedule charged, the WIP operation and resource charges, and the number of units of measure applied. Oracle Work in Process uses this information to track resource charges and to calculate the values stored in WIP_TRANSACTION_ACCOUNTS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_DEPARTMENTS	DEPARTMENT_ID	DEPARTMENT_ID
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	PRIMARY_ITEM_ID ORGANIZATION_ID
MTL_TRANSACTION_REASONS	REASON_ID	REASON_ID
ORG_ACCT_PERIODS	ACCT_PERIOD_ID ORGANIZATION_ID	ACCT_PERIOD_ID ORGANIZATION_ID
PO_HEADERS_ALL	PO_HEADER_ID	PO_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	PO_LINE_ID
RCV_TRANSACTIONS	TRANSACTION_ID	RCV_TRANSACTION_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID
WIP_MOVE_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUTOCHARGE_TYPE	BOM_AUTOCHARGE_TYPE	MFG_LOOKUPS
	1	WIP move
	2	Manual
	3	PO receipt
	4	PO move
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity
TRANSACTION_TYPE	WIP_TRANSACTION_TYPE	MFG_LOOKUPS
	1	Resource transaction
	2	Overhead transaction
	3	Outside processing
	4	Cost update
	5	Period close variance
	6	Job close variance

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier of the assembly that the job or schedule creates
ACCT_PERIOD_ID	NOT NULL	NUMBER	Accounting period Identifier
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
TRANSACTION_TYPE	NOT NULL	NUMBER	Transaction type
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
GROUP_ID	NULL	NUMBER	Transaction group Identifier
LINE_ID	NULL	NUMBER	WIP line Identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the source system that generated the transaction record (null if created by Oracle Work in Process)
SOURCE_LINE_ID	NULL	NUMBER	Identifier used by the source system that generated the transaction record (null if created by Oracle Work in Process)
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number within a routing
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource requirement sequence number
EMPLOYEE_ID	NULL	NUMBER	Employee Identifier
RESOURCE_ID	NULL	NUMBER	Resource requirement Identifier
AUTOCHARGE_TYPE	NULL	NUMBER	Method of charging the resource
STANDARD_RATE_FLAG	NULL	NUMBER	Determines whether or not the resource is charged at the standard rate
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Rate per assembly or amount per job/schedule
BASIS_TYPE	NULL	NUMBER	Basis for charging the resource requirement
TRANSACTION_QUANTITY	NULL	NUMBER	Transaction quantity
TRANSACTION_UOM	NULL	VARCHAR2(3)	Unit of measure used in the transaction
PRIMARY_QUANTITY	NULL	NUMBER	Quantity transacted expressed in the primary unit of measure
PRIMARY_UOM	NULL	VARCHAR2(3)	Primary unit of measure
ACTUAL_RESOURCE_RATE	NULL	NUMBER	Actual rate of the resource requirement
STANDARD_RESOURCE_RATE	NULL	NUMBER	Standard rate of the resource requirement
CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code used in the transaction
CURRENCY_CONVERSION_DATE	NULL	DATE	Date of the currency conversion
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(10)	Currency conversion type used for the transaction
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate used for the transaction
CURRENCY_ACTUAL_RESOURCE_RATE	NULL	NUMBER	Actual resource rate converted for the currency code
ACTIVITY_ID	NULL	NUMBER	Activity Identifier

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
REASON_ID	NULL	NUMBER	Reason Identifier
REFERENCE	NULL	VARCHAR2(240)	Transaction reference descriptive text
MOVE_TRANSACTION_ID	NULL	NUMBER	Move transaction Identifier
PO_HEADER_ID	NULL	NUMBER	Purchase order header Identifier
PO_LINE_ID	NULL	NUMBER	Purchase order line Identifier
RCV_TRANSACTION_ID	NULL	NUMBER	Receiving transaction 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
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
COST_UPDATE_ID	NULL	NUMBER	Identifier of the cost update process that updated the record
PM_COST_COLLECTED	NULL	VARCHAR2(1)	Flag to indicate if costs have been collected for project manufacturing
PM_COST_COLLECTOR_GROUP_ID	NULL	NUMBER	Group identifier used for collecting costs for project manufacturing
PROJECT_ID	NULL	NUMBER	Project Identifier
TASK_ID	NULL	NUMBER	Project task Identifier
COMPLETION_TRANSACTION_ID	NULL	NUMBER	Originating completion transaction in MTL_MATERIAL_TRANSACTIONS

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_TRANSACTIONS_N1	NOT UNIQUE	1	WIP_ENTITY_ID
WIP_TRANSACTIONS_N2	NOT UNIQUE	1	TRANSACTION_DATE
		2	CREATION_DATE
		3	TRANSACTION_ID
WIP_TRANSACTIONS_N3	NOT UNIQUE	1	COST_UPDATE_ID
		3	WIP_ENTITY_ID
WIP_TRANSACTIONS_N4	NOT UNIQUE	2	PM_COST_COLLECTED
		4	PM_COST_COLLECTOR_GROUP_ID
WIP_TRANSACTIONS_N5	NOT UNIQUE	2	PRIMARY_ITEM_ID
		4	ORGANIZATION_ID
WIP_TRANSACTIONS_U1	UNIQUE	1	TRANSACTION_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Sequences

Sequence	Derived Column
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID

Database Triggers

Trigger Name : AX_WIP_TRANSACTIONS_ARI1
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : INSERT

This trigger captures information needed to create subledger accounting events when Oracle Inventory and the set of books used is defined as a subledger in the Global Accounting Engine application. This trigger captures accounting events related to WIP resource transactions. It executes when an outside resource transaction is created and the source is from a receiving system. It populates the AX_EVENTS table.

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WIP_TRANSACTION_ACCOUNTS

WIP_TRANSACTION_ACCOUNTS stores the accounting information for each resource transaction in WIP_TRANSACTIONS. These two tables are joined by the column TRANSACTION_ID, and contain at least two account rows for every resource transaction (unless the resource is uncosted). Each row represents a debit or a credit accounting entry, and the sum of all rows for a given transaction Identifier should be zero. Each row includes the account, transaction date, transaction value, purpose (ACCOUNTING_LINE_TYPE), and the source of the charges (the job or repetitive schedule). The TRANSACTION_VALUE and BASE_TRANSACTION_VALUE are transferred to the GL_INTERFACE table through the period close or GL transfer (INTCGL) process. Until this process is run, the GL_BATCH_ID is set to –1. Oracle Work in Process uses the information in this table to track the financial impact of resource transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	RESOURCE_ID
CST_ACTIVITIES	ACTIVITY_ID	ACTIVITY_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	REFERENCE_ACCOUNT
ORG_GL_BATCHES	ORGANIZATION_ID GL_BATCH_ID	ORGANIZATION_ID GL_BATCH_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID
WIP_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACCOUNTING_LINE_TYPE	CST_ACCOUNTING_LINE_TYPE	MFG_LOOKUPS
	1	Inv valuation
	10	Inter–org receivables
	11	Inter–org transfer credit
	12	Inter–org freight charge
	13	Average cost variance
	14	Intransit Inventory
	15	Encumbrance Reversal
	2	Account
	3	Overhead absorption
	4	Resource absorption
	5	Receiving Inspection
	6	Purchase price variance or rate variance
	7	WIP valuation
	8	WIP variance
	9	Inter–org payables
	99	Unknown
BASIS_TYPE	CST_BASIS	MFG_LOOKUPS
	1	Item

Oracle Proprietary, Confidential Information—Use Restricted by Contract

QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	Lot
	3	Resource Units
	4	Resource Value
	5	Total Value
	6	Activity

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier
REFERENCE_ACCOUNT	NOT NULL	NUMBER	Transaction reference account
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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
TRANSACTION_DATE	NOT NULL	DATE	Date transaction was performed
WIP_ENTITY_ID	NOT NULL	NUMBER	Charged entity Identifier (job or schedule number)
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule Identifier
ACCOUNTING_LINE_TYPE	NULL	NUMBER	Purpose or description for the accounting entry
TRANSACTION_VALUE	NULL	NUMBER	Accounting value in the transaction currency(NULL if the transaction is in the base currency)
BASE_TRANSACTION_VALUE	NOT NULL	NUMBER	Accounting value in the base currency
CONTRA_SET_ID	NULL	NUMBER	Offset account Identifier
PRIMARY_QUANTITY	NULL	NUMBER	Transaction quantity for the accounting row
RATE_OR_AMOUNT	NULL	NUMBER	Resource requirement or overhead rate/amount for the transaction based on the COST_ELEMENT_ID
BASIS_TYPE	NULL	NUMBER	Basis for charging the resource requirement
RESOURCE_ID	NULL	NUMBER	Resource requirement or sub–element Identifier
COST_ELEMENT_ID	NULL	NUMBER	Cost element Identifier
ACTIVITY_ID	NULL	NUMBER	Activity Identifier
CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code used in the transaction
CURRENCY_CONVERSION_DATE	NULL	DATE	Currency conversion date for the transaction
CURRENCY_CONVERSION_TYPE	NULL	VARCHAR2(10)	Currency conversion type for the transaction
CURRENCY_CONVERSION_RATE	NULL	NUMBER	Currency conversion rate for the transaction
OVERHEAD_BASIS_FACTOR	NULL	NUMBER	The resource requirement value or resource units the overhead is based upon
BASIS_RESOURCE_ID	NULL	NUMBER	Resource requirement Identifier for the resource overhead is based on
GL_BATCH_ID	NULL	NUMBER	Source General Ledger transaction journal entry batch

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
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
GL_SL_LINK_ID	NULL	NUMBER	Identifier linking to GL_INTERFACE during GL transfer

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_TRANSACTION_ACCOUNTS_N1	NOT UNIQUE	1	TRANSACTION_ID
		2	REFERENCE_ACCOUNT
WIP_TRANSACTION_ACCOUNTS_N2	NOT UNIQUE	1	REFERENCE_ACCOUNT
WIP_TRANSACTION_ACCOUNTS_N3	NOT UNIQUE	1	WIP_ENTITY_ID
WIP_TRANSACTION_ACCOUNTS_N4	NOT UNIQUE	2	GL_BATCH_ID
		4	ORGANIZATION_ID
		6	TRANSACTION_DATE

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WMS_LICENSE_PLATE_NUMBERS

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION	ORGANIZATION_ID INVENTORY_ITEM_ID REVISION
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
LPN_ID	NOT NULL	NUMBER	
LICENSE_PLATE_NUMBER	NOT NULL	VARCHAR2(30)	
INVENTORY_ITEM_ID	NULL	NUMBER	
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	
REQUEST_ID	NULL	NUMBER	
PROGRAM_APPLICATION_ID	NULL	NUMBER	
PROGRAM_ID	NULL	NUMBER	
PROGRAM_UPDATE_DATE	NULL	DATE	
REVISION	NULL	VARCHAR2(3)	
LOT_NUMBER	NULL	VARCHAR2(30)	
SERIAL_NUMBER	NULL	VARCHAR2(30)	
ORGANIZATION_ID	NOT NULL	NUMBER	
SUBINVENTORY_CODE	NULL	VARCHAR2(10)	
LOCATOR_ID	NULL	NUMBER	
COST_GROUP_ID	NULL	NUMBER	Cost Group Identifier
PARENT_LPN_ID	NULL	NUMBER	
OUTERMOST_LPN_ID	NULL	NUMBER	Outermost LPN Id
GROSS_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	
GROSS_WEIGHT	NULL	NUMBER	
CONTENT_VOLUME_UOM_CODE	NULL	VARCHAR2(3)	
CONTENT_VOLUME	NULL	NUMBER	
TARE_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	
TARE_WEIGHT	NULL	NUMBER	
STATUS_ID	NULL	NUMBER	
LPN_CONTEXT	NULL	NUMBER	
SEALED_STATUS	NULL	NUMBER	
LPN_REUSABILITY	NULL	NUMBER	
HOMOGENEOUS_CONTAINER	NULL	NUMBER	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	
ATTRIBUTE1	NULL	VARCHAR2(150)	
ATTRIBUTE2	NULL	VARCHAR2(150)	
ATTRIBUTE3	NULL	VARCHAR2(150)	
ATTRIBUTE4	NULL	VARCHAR2(150)	
ATTRIBUTE5	NULL	VARCHAR2(150)	
ATTRIBUTE6	NULL	VARCHAR2(150)	
ATTRIBUTE7	NULL	VARCHAR2(150)	

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE8	NULL	VARCHAR2(150)	
ATTRIBUTE9	NULL	VARCHAR2(150)	
ATTRIBUTE10	NULL	VARCHAR2(150)	
ATTRIBUTE11	NULL	VARCHAR2(150)	
ATTRIBUTE12	NULL	VARCHAR2(150)	
ATTRIBUTE13	NULL	VARCHAR2(150)	
ATTRIBUTE14	NULL	VARCHAR2(150)	
ATTRIBUTE15	NULL	VARCHAR2(150)	
SOURCE_TYPE_ID	NULL	NUMBER	
SOURCE_HEADER_ID	NULL	NUMBER	
SOURCE_LINE_ID	NULL	NUMBER	
SOURCE_LINE_DETAIL_ID	NULL	NUMBER	
SOURCE_NAME	NULL	VARCHAR2(30)	

Indexes

Index Name	Index Type	Sequence	Column Name
WMS_LICENSE_PLATE_NUMBERS_N1	NOT UNIQUE	1	PARENT_LPN_ID
WMS_LICENSE_PLATE_NUMBERS_N2	NOT UNIQUE	1	OUTERMOST_LPN_ID
WMS_LICENSE_PLATE_NUMBERS_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	SUBINVENTORY_CODE
		3	LOCATOR_ID
WMS_LICENSE_PLATE_NUMBERS_U1	UNIQUE	1	LPN_ID
WMS_LICENSE_PLATE_NUMBERS_U2	UNIQUE	1	LICENSE_PLATE_NUMBER

Sequences

Sequence	Derived Column
WMS_LICENSE_PLATE_NUMBERS_S1	LPN_ID
WMS_LICENSE_PLATE_NUMBERS_S2	LICENSE_PLATE_NUMBER

Oracle Proprietary, Confidential Information—Use Restricted by Contract

WMS_STRATEGIES_B

WMS_STRATEGIES_B stores WMS strategies. A strategy is consist of rules. The order of the rules in the strategy is important as it defines the sequence of execution for the rules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
STRATEGY_ID (PK)	NOT NULL	NUMBER	Strategy identifier
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
TYPE_CODE	NOT NULL	NUMBER	Strategy type code
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether or not strategy is enabled to be used for assignment to business object ('Y''N')
USER_DEFINED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether or not strategy is user–defined ('Y''N')
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
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
WMS_STRATEGIES_B_N1	NOT UNIQUE	1	ORGANIZATION_ID
WMS_STRATEGIES_B_U1	UNIQUE	1	STRATEGY_ID

Sequences

Sequence	Derived Column
WMS_STRATEGIES_S	STRATEGY_ID

Oracle Proprietary, Confidential Information—Use Restricted by Contract

Index

A

Application Building Block, 1–7

C

Column descriptions, 3–4

Columns, Who, 3–4

Concurrent Program List, 2–58
  See also Concurrent Program Definitions

D

Database Diagram, 1–7
  Summary Database Diagram, 1–7

Database Diagrams
  average cost overview, 2–12
  bill of material structures, 2–18
  bills of material scheduling overview, 2–19
  cost detail, 2–14
  cost information, 2–13
  deletes, 2–21
  engineering change order, 2–22
  periodic cost overview, 2–16
  periodic distributions and IPV, 2–15
  routings, 2–20
  standard cost overview, 2–17

database diagrams, conventions, 2–5

Database triggers, 3–6

F

Foreign keys, 3–3

Form, 1–8

Form List, 2–54
  See also Form Definitions

Forms and Table View List, 2–44

I

Indexes, 3–6
  important note about, 3–6

Internal View List, 2–48

L

Lookup types. *See* QuickCodes

M

Module List, 2–54
  See also Module Definitions

Modules, 1−7
MultiLingual View List, 2−53

O

Oracle8 sequences. *See* Sequences

P

Public Table List, 2−23
Public View List, 2−42

Q

QuickCodes, 1−8
  Columns that contain, 3−3

R

Relationship, 1−7
Report List, 2−55
  See also Report Definitions

S

Sequences, 3−6
Single Organization View List, 2−52

T

Table and View Definitions
  ACTIVITY_COSTS, 3−7
  AK_ATTRIBUTES, 3−8
  AK_ATTRIBUTES_TL, 3−10
  AK_EXCLUDED_ITEMS, 3−11
  AK_FLOW_PAGE_REGION_ITEMS, 3−19
  AK_FLOW_PAGE_REGIONS, 3−17
  AK_FLOW_PAGES, 3−14
  AK_FLOW_PAGES_TL, 3−16
  AK_FLOW_REGION_RELATIONS, 3−21
  AK_FLOWS, 3−12
  AK_FLOWS_TL, 3−13
  AK_FOREIGN_KEY_COLUMNS, 3−25
  AK_FOREIGN_KEYS, 3−23
  AK_FOREIGN_KEYS_TL, 3−24
  AK_INST_ATTRIBUTE_VALUES, 3−26
  AK_LOADER_TEMP, 3−27
  AK_LOOKUP_CODES, 3−28
  AK_MULTIORG_VALIDATION_TEMP, 3−29
  AK_OBJECT_ATTRIBUTE_NAVIGATION, 3−37
  AK_OBJECT_ATTRIBUTES, 3−33
  AK_OBJECT_ATTRIBUTES_TL, 3−36
  AK_OBJECT_VALUES_TEMP, 3−39
  AK_OBJECTS, 3−30
  AK_OBJECTS_TL, 3−32
  AK_REGION_ITEMS, 3−43
  AK_REGION_ITEMS_TL, 3−47
  AK_REGIONS, 3−40
  AK_REGIONS_TL, 3−42
  AK_RESP_SECURITY_ATTRIBUTES, 3−48
  AK_UNIQUE_KEY_COLUMNS, 3−50
  AK_UNIQUE_KEYS, 3−49
  AK_WEB_USER_SEC_ATTR_VALUES, 3−51
  AP_INVOICE_DISTRIBUTIONS_ALL, 3−52
  AP_TAX_CODES_ALL, 3−65
  BOM_ALT_DESIGNATORS_ALL_V, 3−69
  BOM_ALT_DESIGNATORS_VAL_V, 3−71
  BOM_ALTERNATE_DESIGNATORS, 3−68
  BOM_ATO_CONFIGURATIONS, 3−73
  BOM_BILL_ALTERNATES_V, 2−44
  BOM_BILL_NO_HOLD_REVISIONS_V, 2−48
  BOM_BILL_OF_MATERIALS, 3−74
  BOM_BILL_OF_MATERIALS_ARCHIVE, 3−77
  BOM_BILL_OF_MATERIALS_V, 2−44
  BOM_BILL_OF_MTLS_INTERFACE, 3−79
  BOM_BILL_OF_MTLS_QF_V, 2−44
  BOM_BILL_RELEASED_REVISIONS_V, 2−48

BOM_CAL_WEEK_START_DATES, 3−89
BOM_CAL_YEAR_START_DATES, 3−90
BOM_CALENDAR_DATES, 3−83
BOM_CALENDAR_EXCEPTIONS, 3−85
BOM_CALENDAR_MONTHS_VIEW, 2−48
BOM_CALENDAR_SHIFTS, 3−87
BOM_CALENDAR_WEEKS_VIEW, 2−48
BOM_CALENDARS, 3−81
BOM_CALENDARS_VIEW, 2−48
BOM_CMYTEMP, 3−91
BOM_COMPARISON_TEMP, 3−92
BOM_CONFIG_EXPLOSIONS, 3−94
BOM_CONSOLIDATE_EXPLOSION_VIEW, 2−48
BOM_CTO_ORDER_DEMAND, 3−98
BOM_CTO_ORDER_LINES, 3−99
BOM_CTO_SRC_ORGS, 3−100
BOM_DELETE_ENTITIES, 3−101
BOM_DELETE_ENTITIES_V, 2−44
BOM_DELETE_ERRORS, 3−103
BOM_DELETE_ERRORS_V, 2−44
BOM_DELETE_GROUPS, 3−104
BOM_DELETE_SQL_STATEMENTS, 3−106
BOM_DELETE_SUB_ENTITIES, 3−108
BOM_DELETE_SUB_ENTITIES_V, 2−44
BOM_DEPARTMENT_CLASSES, 3−116
BOM_DEPARTMENT_RESOURCES, 3−117
BOM_DEPARTMENT_RESOURCES_V, 2−44
BOM_DEPARTMENTS, 3−110
BOM_DEPARTMENTS_ALL_V, 3−112
BOM_DEPARTMENTS_V, 2−44
BOM_DEPARTMENTS_VAL_V, 3−114
BOM_DEPEND_DESC_ELEM_ARCHIVE, 3−120
BOM_DEPENDENT_DESC_ELEMENTS, 3−119
BOM_DEPENDENT_DESC_ELEMENTS_V, 2−44
BOM_DEPT_RES_INSTANCES, 3−121
BOM_DEPT_RES_INSTANCES_EMP_V, 2−44
BOM_DEPT_RES_INSTANCES_EQP_V, 2−44
BOM_EXCEPTION_SET_DATES, 3−123
BOM_EXCEPTION_SETS, 3−122
BOM_EXPL_INQUIRY_VIEW, 2−44
BOM_EXPLOSION_TEMP, 3−127
BOM_EXPLOSION_VIEW, 2−48
BOM_EXPLOSIONS, 3−124
BOM_FORM_QUERY, 3−133
BOM_IMPL_INQUIRY_V, 2−44
BOM_IMPL_INQUIRY_VIEW, 2−48
BOM_IMPLOSION_TEMP, 3−134
BOM_IMPLOSION_VIEW, 2−48
BOM_INTERFACE_DELETE_GROUPS, 3−136
BOM_INV_COMPS_INTERFACE_V, 2−44
BOM_INVENTORY_COMPONENTS, 3−137
BOM_INVENTORY_COMPONENTS_V, 2−44
BOM_INVENTORY_COMPS_ARCHIVE, 3−142
BOM_INVENTORY_COMPS_INTERFACE, 3−146
BOM_ITEM_BACKFLUSH_SUBINV, 3−151
BOM_ITEM_CURRENT_REV_VIEW, 2−48
BOM_ITEM_REVISIONS_VIEW, 2−48
BOM_LINE_DETAILS_VIEW, 2−48
BOM_LINES_VIEW, 2−48
BOM_LISTS, 3−152
BOM_LOW_LEVEL_CODES, 3−153
BOM_MIXED_MODEL_MAP_CELLS, 3−154
BOM_MIXED_MODEL_MAP_CELLS_V, 2−44
BOM_MIXED_MODEL_MAP_HEADER, 3−155
BOM_MIXED_MODEL_MAP_PROC_V, 2−44
BOM_MIXED_MODEL_MAP_PROCESSES, 3−157
BOM_OP_RESOURCES_ARCHIVE, 3−171
BOM_OP_RESOURCES_INTERFACE, 3−173
BOM_OP_RESOURCES_VIEW, 3−176
BOM_OP_ROUTINGS_ARCHIVE, 3−179
BOM_OP_ROUTINGS_INTERFACE, 3−181

BOM_OP_SEQUENCES_ARCHIVE, 3−184
BOM_OP_SEQUENCES_INTERFACE, 3−186
BOM_OPERATION_NETWORKS, 3−162
BOM_OPERATION_NETWORKS_V, 2−44
BOM_OPERATION_RESOURCES, 3−164
BOM_OPERATION_RESOURCES_EFC, 3−166
BOM_OPERATION_RESOURCES_V, 2−44
BOM_OPERATION_SEQUENCES, 3−167
BOM_OPERATION_SEQUENCES_V, 2−44
BOM_OPERATIONAL_ROUTINGS, 3−159
BOM_OPERATIONAL_ROUTINGS_V, 2−44
BOM_ORG_CAL_DATES_VIEW, 3−190
BOM_ORG_CAL_PERIODS_VIEW, 3−191
BOM_ORG_CAL_WEEKS_VIEW, 3−192
BOM_ORG_SHIFT_DATES_VIEW, 3−193
BOM_PARAMETERS, 3−194
BOM_PERIOD_START_DATES, 3−196
BOM_PICKING_LINES_VIEW, 2−48
BOM_PRODUCTFAMILY_MEM_V, 2−44
BOM_REF_DESGS_INTERFACE, 3−200
BOM_REF_DESIGNATORS_VIEW, 2−48
BOM_REFERENCE_DESGS_ARCHIVE, 3−197
BOM_REFERENCE_DESIGNATORS, 3−198
BOM_REFERENCE_DESIGNATORS_V, 2−45
BOM_RES_INSTANCE_CHANGES, 3−219
BOM_RES_INSTANCE_CHANGES_EMP_V, 2−45
BOM_RES_INSTANCE_CHANGES_EQP_V, 2−45
BOM_RESOURCE_CHANGES, 3−212
BOM_RESOURCE_CHANGES_V, 2−45
BOM_RESOURCE_EMPLOYEES, 3−214
BOM_RESOURCE_EQUIPMENTS, 3−215
BOM_RESOURCE_FLEX_FENCES, 3−216
BOM_RESOURCE_SETUPS, 3−217
BOM_RESOURCE_SHIFTS, 3−218
BOM_RESOURCE_SHIFTS_V, 2−45
BOM_RESOURCES, 3−203
BOM_RESOURCES_ALL_V, 3−206
BOM_RESOURCES_EFC, 3−208
BOM_RESOURCES_V, 2−45
BOM_RESOURCES_VAL_V, 3−209
BOM_ROUTING_ALTERNATES_V, 2−45
BOM_ROUTING_REVISIONS_VIEW, 2−48
BOM_RTG_CURRENT_REV_VIEW, 2−48
BOM_RTG_ITEM_REVISIONS_ARCHIVE, 3−221
BOM_SETUP_TRANSITIONS, 3−222
BOM_SETUP_TYPES, 3−223
BOM_SETUP_TYPES_V, 2−45
BOM_SHIFT_DATES, 3−224
BOM_SHIFT_EXCEPTIONS, 3−225
BOM_SHIFT_MONTHS_VIEW, 2−48
BOM_SHIFT_TIMES, 3−227
BOM_SHIFT_WEEKS_VIEW, 2−48
BOM_SMALL_EXPL_TEMP, 3−228
BOM_SMALL_IMPL_TEMP, 3−234
BOM_STANDARD_OPERATIONS, 3−236
BOM_STANDARD_OPERATIONS_ALL_V, 3−239
BOM_STANDARD_OPERATIONS_V, 2−45
BOM_STANDARD_OPERATIONS_VAL_V, 3−242
BOM_STD_OP_RESOURCES, 3−245
BOM_STD_OP_RESOURCES_V, 2−45
BOM_STP_STD_OP_RESOURCES_V, 2−45
BOM_SUB_COMPONENTS_VIEW, 2−48
BOM_SUB_COMPS_INTERFACE, 3−251
BOM_SUB_COMPS_QF_V, 2−45
BOM_SUB_OPERATION_RESOURCE_EFC, 3−256
BOM_SUB_OPERATION_RESOURCES, 3−254
BOM_SUBSTITUTE_COMPONENTS, 3−248
BOM_SUBSTITUTE_COMPONENTS_V, 2−45
BOM_SUBSTITUTE_COMPS_ARCHIVE, 3−250
BOM_WORKDAY_PATTERNS, 3−257
CRP_RESOURCE_HOURS, 3−259
CRP_SIMULATION_SETS, 3−262
CST_ACCOUNTING_EVENT_TYPES_V, 2−48
CST_ACCOUNTING_LIBRARIES, 3−263
CST_ACCOUNTING_PACKAGES, 3−264

CST_ACCT_LIB_PACKAGES, 3−265
CST_ACTIVITIES, 3−266
CST_ACTIVITIES_V, 2−45
CST_ACTIVITIES_VAL_V, 2−48
CST_ACTIVITY_COST_VIEW, 2−48
CST_ACTIVITY_COSTS, 3−268
CST_ACTIVITY_COSTS_EFC, 3−269
CST_ACTIVITY_COSTS_V, 2−45
CST_ACTIVITY_DEPT_COST_VIEW, 2−48
CST_ACTIVITY_FLEX_COST_VIEW, 2−49
CST_ACTIVITY_OP_COST_VIEW, 2−49
CST_AE_HEADERS, 3−270
CST_AE_HEADERS_EFC, 3−272
CST_AE_LINES, 3−273
CST_AE_LINES_EFC, 3−275
CST_AEL_GL_INV_V, 2−49
CST_AEL_GL_WIP_V, 2−49
CST_AEL_SL_INV_V, 2−49
CST_AEL_SL_WIP_V, 2−49
CST_AP_VARIANCE_BATCHES, 3−276
CST_AP_VARIANCE_HEADERS, 3−277
CST_AP_VARIANCE_HEADERS_EFC, 3−278
CST_AP_VARIANCE_LINES, 3−279
CST_AP_VARIANCE_LINES_EFC, 3−280
CST_AP_VARIANCE_V, 2−45
CST_AVG_DIST_ACCTS_V, 2−49
CST_AVG_ELEM_COSTS_V, 2−45
CST_BIS_MARGIN_BUILD, 3−281
CST_BIS_MARGIN_SUMMARY, 3−282
CST_CG_COST_HISTORY_V, 2−45
CST_CG_ITEM_COSTS_VIEW, 2−49
CST_CG_WIP_ACCT_CLASSES, 3−285
CST_CG_WIP_ACCT_CLASSES_V, 2−49
CST_CODE_ACTIVITY_COST_VIEW, 2−49
CST_CODE_COST_VIEW, 2−49
CST_CODE_DEPARTMENT_COST_VIEW, 2−49
CST_CODE_FLEX_COST_VIEW, 2−49
CST_CODE_OPERATION_COST_VIEW, 2−49
CST_COMP_SNAP_INTERFACE, 3−287
CST_COMP_SNAP_TEMP, 3−288
CST_COMP_SNAPSHOT, 3−286
CST_COST_ELEM_EXP_TYPES, 3−290
CST_COST_ELEMENTS, 3−289
CST_COST_GROUP_ACCOUNTS, 3−293
CST_COST_GROUP_ASSIGNMENTS, 3−294
CST_COST_GROUPS, 3−291
CST_COST_GROUPS_V, 2−45
CST_COST_HISTORY_V, 2−45
CST_COST_TYPE_HISTORY, 3−297
CST_COST_TYPES, 3−295
CST_COST_TYPES_ALL_V, 2−49
CST_COST_TYPES_V, 2−45
CST_COST_TYPES_VAL_V, 2−49
CST_COST_UPDATES, 3−299
CST_COST_UPDATES_EFC, 3−301
CST_COST_UPDATES_V, 2−45
CST_CQL_CIC_ITEM_COSTS_V, 2−45
CST_DEFAULT_COST_VIEW, 2−49
CST_DEFAULT_DETAIL_COST_VIEW, 2−49
CST_DEPARTMENT_OVERHEADS, 3−302
CST_DEPARTMENT_OVERHEADS_EFC, 3−304
CST_DEPARTMENT_OVERHEADS_V, 2−45
CST_DEPOVH_COST_TYPES_V, 2−45
CST_DETAIL_COST_VIEW, 2−49
CST_DETAIL_COSTS_FOR_GL_VIEW, 2−49
CST_DISTRIBUTION_MASTER, 3−305
CST_DISTRIBUTION_V, 2−45
CST_DISTRIBUTION_VIEW, 2−49
CST_ELEMENT_ACTIVITY_COST_VIEW, 2−49
CST_ELEMENT_CODE_COST_VIEW, 2−49
CST_ELEMENT_COST_VIEW, 2−49
CST_ELEMENT_DEPT_COST_VIEW, 2−49
CST_ELEMENT_OP_COST_VIEW, 2−49
CST_ELEMENTAL_COSTS, 3−306
CST_ELEMENTAL_COSTS_EFC, 3−307
CST_ENCUMBRANCE_LINES, 3−308
CST_EXPLOSION_TEMP, 3−310
CST_GL_TRANSLATION_VIEW, 2−49
CST_INQUIRY_TEMP, 3−311
CST_INQUIRY_TYPES, 3−312
CST_INTERFACE_ERRORS, 3−315
CST_INTRANSIT_VALUE_VIEW, 2−49

CST_INV_DISTRIBUTION_V, 2−45
CST_INV_LAYER_COST_DETAILS, 3−317
CST_INV_LAYERS, 3−316
CST_ITEM_COST_DETAILS, 3−323
CST_ITEM_COST_DETAILS_EFC, 3−326
CST_ITEM_COST_DETAILS_V, 2−45
CST_ITEM_COST_TYPE_V, 2−45
CST_ITEM_COSTS, 3−318
CST_ITEM_COSTS_EFC, 3−320
CST_ITEM_COSTS_FOR_GL_VIEW, 2−49
CST_ITEM_COSTS_INTERFACE, 3−321
CST_ITEM_COSTS_VIEW, 2−49
CST_ITEM_CST_DTLS_INTERFACE, 3−327
CST_ITEM_OVERHEAD_DEFAULTS, 3−330
CST_ITEM_OVERHEAD_DEFAULTS_EFC, 3−332
CST_ITEM_OVERHEAD_DEFAULTS_V, 2−45
CST_LAYER_COST_DETAILS, 3−333
CST_LAYER_COST_DETAILS_EFC, 3−334
CST_LAYER_COST_DETAILS_V, 2−50
CST_LE_COST_TYPES, 3−335
CST_LE_COST_TYPES_V, 2−46
CST_LISTS, 3−337
CST_LOW_LEVEL_CODES, 3−338
CST_MARGIN_BUILD, 3−339
CST_MARGIN_SUMMARY, 3−340
CST_MARGIN_TEMP, 3−343
CST_MASS_EDITS, 3−346
CST_MGD_INFL_ADJ_KARDEX_DATA, 3−349
CST_MGD_INFL_ADJ_PER_STATUSES, 3−350
CST_MGD_INFL_ADJUSTED_COSTS, 3−347
CST_MGD_INFL_TSF_ORG_ENTRIES, 3−351
CST_MGD_LIFO_ITEM_COSTS_V, 2−46
CST_MGD_LIFO_PERIODS_V, 2−46
CST_MTL_RCV_TXN_V, 2−46
CST_OPERATION_LEVEL_COST_VIEW, 2−50
CST_ORG_COST_GROUP_ACCOUNTS, 3−352
CST_PAC_ACCRUAL_ACCOUNTS_TEMP, 3−353
CST_PAC_ACCRUAL_RECONCILE_TEMP, 3−354
CST_PAC_ACCRUAL_WRITE_OFFS, 3−356
CST_PAC_ACCRUAL_WRITE_OFFS_EFC, 3−358
CST_PAC_AEL_GL_INV_V, 2−50
CST_PAC_AEL_GL_RCV_V, 2−50
CST_PAC_AEL_GL_WIP_V, 2−50
CST_PAC_AEL_SL_INV_V, 2−50
CST_PAC_AEL_SL_RCV_V, 2−50
CST_PAC_AEL_SL_WIP_V, 2−50
CST_PAC_EXPLOSION_TEMP, 3−359
CST_PAC_ITEM_COST_DETAILS, 3−363
CST_PAC_ITEM_COST_DETAILS_EFC, 3−364
CST_PAC_ITEM_COSTS, 3−360
CST_PAC_ITEM_COSTS_EFC, 3−362
CST_PAC_ITEM_COSTS_V, 2−46
CST_PAC_LEGAL_ENTITIES_V, 2−46
CST_PAC_LOW_LEVEL_CODES, 3−365
CST_PAC_PERIODS, 3−366
CST_PAC_PERIODS_V, 2−46
CST_PAC_PROCESS_PHASES, 3−367
CST_PAC_PROCESS_PHASES_V, 2−46
CST_PAC_QUANTITY_LAYERS, 3−368
CST_PAC_RECEIVING_VALUES_V, 2−46
CST_PAC_WIP_TXN_V, 2−46
CST_PC_COST_DET_INTERFACE, 3−369
CST_PC_ITEM_COST_INTERFACE, 3−370
CST_PC_TXN_HISTORY, 3−372
CST_PERIOD_BALANCES_VIEW, 2−50
CST_PERIOD_VALUE_TEMP, 3−373
CST_PERIOD_VALUE_V, 2−46
CST_PM_MATL_TXN_V, 2−50
CST_PM_PENDING_TXN_V, 2−50
CST_PROJ_EXP_TYPES_VAL_V, 2−50
CST_PROJMFG_CMT_VIEW, 2−50
CST_QUANTITY_LAYERS, 3−374
CST_QUANTITY_LAYERS_EFC, 3−376
CST_QUANTITY_LAYERS_V, 2−50
CST_RCV_ACQ_COST_DETAILS, 3−380
CST_RCV_ACQ_COST_DETAILS_EFC, 3−382
CST_RCV_ACQ_COSTS, 3−377

CST_RCV_ACQ_COSTS_EFC, 3−379
CST_REPORT_TYPES, 3−383
CST_RESOURCE_COST_TYPES_V, 2−46
CST_RESOURCE_COSTS, 3−385
CST_RESOURCE_COSTS_EFC, 3−387
CST_RESOURCE_COSTS_V, 2−46
CST_RESOURCE_OVERHEADS, 3−388
CST_RESOURCE_OVERHEADS_V, 2−46
CST_ROLLUP_DATE_VIEW, 2−50
CST_STD_COST_ADJ_TMP1_V, 2−50
CST_STD_COST_ADJ_TMP2_V, 2−50
CST_STD_INV_ADJ_VIEW, 2−50
CST_STD_WIP_ADJ_VIEW, 2−50
CST_TOTAL_COST_VIEW, 2−50
CST_WIP_COST_ELEM_VARIANCES_V, 2−50
CST_WIP_ENTITY_V, 2−46
CST_WIP_ENTITY_VIEW, 2−50
CST_WIP_PERIOD_BALANCES_V, 2−50
CST_WIP_TXN_TYPE_VIEW, 2−50
CST_WIP_VARIANCES_V, 2−50
CZ_ATTRIBUTE_LIST_NAMES_V, 2−46
CZ_AUTOSELECTION_ITEMS_V, 2−46
CZ_AUTOSELECTION_RANGES_V, 2−46
CZ_COMPONENT_SELECTIONS_V, 2−46
CZ_CONSTR_ATTR_LEFT_V, 2−46
CZ_CONSTR_ATTR_RIGHT_V, 2−46
CZ_CONSTRAINT_ASSIGNMENTS_V, 2−46
CZ_CONSTRAINT_CLAUSES_V, 2−46
CZ_CONSTRAINTS_VL, 2−53
CZ_ERROR_ATTRIBUTE_VALUES_V, 2−46
CZ_ERROR_CLAUSES_V, 2−46
CZ_ERRORS_SUMMARY_V, 2−46
CZ_ERRORS_V, 2−46
CZ_INST_ATTR_VALUES_V, 2−46
CZ_ITEM_ATTRIBUTE_VALUES_V, 2−46
CZ_SYSTEM_COMPONENTS_V, 2−46
ENG_WF_PROCESS_V, 2−47
HR_ORGANIZATION_UNITS, 2−47
MRP_BOM_PLAN_NAME_LOV_V, 2−50
MTL_DEFAULT_SETS_VIEW, 2−50
MTL_EMPLOYEES_VIEW, 2−47
MTL_ITEM_FLEXFIELDS, 2−47
MTL_KANBAN_CARD_ACTIVITY, 3−398
MTL_KANBAN_CARD_PRINT_TEMP, 3−401
MTL_KANBAN_CARDS, 3−395
MTL_KANBAN_PULL_SEQUENCES, 3−402
MTL_KANBAN_TEMPLATES, 3−405
MTL_LE_ECONOMIC_ZONES, 3−407
MTL_LOT_NUMBERS, 3−408
MTL_MANUFACTURERS, 3−412
MTL_MATERIAL_STATUS_HISTORY, 3−418
MTL_MATERIAL_STATUSES, 3−413
MTL_MATERIAL_STATUSES_B, 3−415
MTL_MATERIAL_STATUSES_TL, 3−417
MTL_MATERIAL_TRANSACTIONS, 3−420
MTL_MATERIAL_TRANSACTIONS_EFC, 3−427
MTL_MATERIAL_TRANSACTIONS_TEMP, 3−428
MTL_MATERIAL_TXN_ALLOCATIONS, 3−435
MTL_MFG_PART_NUMBERS, 3−436
MTL_MGD_INVENTORY_POSITIONS, 3−438
MTL_MOVEMENT_PARAMETERS, 3−439
MTL_MOVEMENT_STATISTICS, 3−441
MTL_MOVEMENT_STATISTICS_EFC, 3−447
MTL_MVT_STATS_RULE_SETS_B, 3−450
MTL_MVT_STATS_RULE_SETS_TL, 3−451
MTL_MVT_STATS_RULES, 3−448
MTL_OBJECT_EVENTS, 3−452
MTL_OBJECT_GENEALOGY, 3−453
MTL_ONHAND_QUANTITIES, 3−455
MTL_ONHAND_QUANTITY_TEMP, 3−457
MTL_ORG_REPORT_TEMP, 3−459
MTL_ORGANIZATIONS, 2−47
MTL_PAC_ACTUAL_COST_DETAIL_EFC, 3−462
MTL_PAC_ACTUAL_COST_DETAILS, 3−460
MTL_PAC_COST_SUBELEMENTS, 3−463
MTL_PAC_COST_SUBELEMENTS_EFC, 3−464

MTL_PAC_TXN_COST_DETAILS, 3−465
MTL_PAC_TXN_COST_DETAILS_EFC, 3−466
MTL_PARAMETERS, 3−467
MTL_PENDING_ITEM_STATUS, 3−474
MTL_PER_CLOSE_DTLS, 3−479
MTL_PER_CLOSE_DTLS_EFC, 3−480
MTL_PERIOD_CG_SUMMARY, 3−476
MTL_PERIOD_SUMMARY, 3−477
MTL_PERIOD_SUMMARY_EFC, 3−478
MTL_PHYSICAL_ADJUSTMENTS, 3−481
MTL_PHYSICAL_ADJUSTMENTS_EFC, 3−484
MTL_PHYSICAL_INVENTORIES, 3−485
MTL_PHYSICAL_INVENTORIES_EFC, 3−488
MTL_PHYSICAL_INVENTORY_TAGS, 3−489
MTL_PHYSICAL_SUBINVENTORIES, 3−492
MTL_PICKING_RULES, 3−493
MTL_PLANNERS, 3−495
MTL_PURGE_HEADER, 3−496
MTL_QOH_ITEM_TMP, 3−497
MTL_QOH_LOCATOR_TMP, 3−498
MTL_QOH_LOT_TMP, 3−499
MTL_QOH_REV_TMP, 3−500
MTL_QOH_SUB_TMP, 3−501
MTL_RELATED_ITEMS, 3−502
MTL_RELATED_ITEMS_INTERFACE, 3−504
MTL_REPLENISH_HEADERS, 3−506
MTL_REPLENISH_HEADERS_INT, 3−509
MTL_REPLENISH_LINES, 3−512
MTL_REPLENISH_LINES_INT, 3−515
MTL_RESERVATIONS, 3−517
MTL_RESERVATIONS_INTERFACE, 3−520
MTL_RTG_ITEM_REVISIONS, 3−528
MTL_RTG_ITEM_REVS_INTERFACE, 3−530
MTL_SAFETY_STOCKS, 3−532
MTL_SALES_ORDERS, 3−534
MTL_SEASONALITY_INDICES, 3−536
MTL_SECONDARY_INVENTORIES, 3−537
MTL_SECONDARY_LOCATORS, 3−541
MTL_SECONDARY_LOCS_INTERFACE, 3−542
MTL_SERIAL_NUMBERS, 3−544
MTL_SERIAL_NUMBERS_INTERFACE, 3−550
MTL_SERIAL_NUMBERS_TEMP, 3−553
MTL_SHORT_CHK_PARAM, 3−556
MTL_SHORT_CHK_STATEMENTS, 3−561
MTL_SHORT_CHK_TEMP, 3−562
MTL_SO_RMA_INTERFACE, 3−563
MTL_SO_RMA_RECEIPTS, 3−565
MTL_STAT_TYPE_USAGES, 3−569
MTL_STATUS_ATTRIBUTE_VALUES, 3−567
MTL_STATUS_TRANSACTION_CONTROL, 3−568
MTL_SUMMARY_TEMP, 3−570
MTL_SUPPLY, 3−571
MTL_SUPPLY_DEMAND_TEMP, 3−576
MTL_SYSTEM_ITEMS_B, 3−579
MTL_SYSTEM_ITEMS_B_EFC, 3−599
MTL_SYSTEM_ITEMS_INTERFACE, 3−600
MTL_SYSTEM_ITEMS_TL, 3−617
MTL_TRANSACTION_ACCOUNTS, 3−628
MTL_TRANSACTION_ACCOUNTS_EFC, 3−631
MTL_TRANSACTION_LOT_NUMBERS, 3−639
MTL_TRANSACTION_LOTS_INTERFACE, 3−632
MTL_TRANSACTION_LOTS_TEMP, 3−635
MTL_TRANSACTION_REASONS, 3−642
MTL_TRANSACTION_TYPES, 3−643
MTL_TRANSACTIONS_INTERFACE, 3−618
MTL_TXN_COST_DET_INTERFACE, 3−645
MTL_TXN_REQUEST_HEADERS, 3−646
MTL_TXN_REQUEST_LINES, 3−648
MTL_TXN_SOURCE_TYPES, 3−652
MTL_UNIT_TRANSACTIONS, 3−656
MTL_UNITS_OF_MEASURE_TL, 3−654
MTL_UOM_CLASS_CONVERSIONS, 3−660
MTL_UOM_CLASSES_TL, 3−659

MTL_UOM_CONVERSIONS, 3−662
MTL_UOM_CONVERSIONS_VIEW, 2−47
MTL_UPDATE_RECORDS_TEMP, 3−664
MTL_USER_DEMAND, 3−665
MTL_USER_SUPPLY, 3−667
ORG_ACCESS, 3−669
ORG_ACCT_PERIODS, 3−670
ORG_FREIGHT_TL, 3−672
ORG_GL_BATCHES, 3−674
ORG_ORGANIZATION_DEFINITIONS, 2−47
ORG_ORGANIZATION_DEFINITIONS2, 2−47
PA_EXPENDITURE_TYPES, 3−677
PA_EXPENDITURE_TYPES_EXPEND_V, 2−50
PA_ORGANIZATIONS_EXPEND_V, 2−50
PAY_COST_ALLOCATION_KEYFLEX, 3−675
PER_PEOPLE_X, 2−47
PJM_UNIT_NUMBERS, 3−679
PJM_UNIT_SERIAL_HISTORY, 3−681
PO_AGENTS, 3−682
PO_DISTRIBUTIONS, 2−52
PO_DISTRIBUTIONS_ALL, 3−684
PO_HAZARD_CLASSES_B, 3−691
PO_HEADERS, 2−52
PO_HEADERS_ALL, 3−693
PO_LINE_LOCATIONS, 2−52
PO_LINE_LOCATIONS_ALL, 3−708
PO_LINES, 2−52
PO_LINES_ALL, 3−701
PO_RELEASES_ALL, 3−716
PO_REQUISITION_HEADERS, 2−52
PO_REQUISITION_HEADERS_ALL, 3−730
PO_REQUISITION_LINES_ALL, 3−734
PO_REQUISITIONS_INTERFACE_ALL, 3−721
PO_SYSTEM_PARAMETERS_ALL, 3−741
PO_UN_NUMBERS_B, 3−746
PO_VENDOR_SITES_ALL, 3−755
PO_VENDORS, 3−748
RA_CUST_TRX_LINE_GL_DIST, 2−52
RA_CUST_TRX_TYPES_ALL, 3−760
RA_CUSTOMER_TRX, 2−52
RA_CUSTOMER_TRX_LINES, 2−52
RA_RULES, 3−764
RA_TERMS_B, 3−766
RA_TERRITORIES, 3−768
RCV_LOTS_INTERFACE, 3−770
RCV_PARAMETERS, 3−771
RCV_RECEIVING_VALUE_VIEW, 2−50
RCV_ROUTING_HEADERS, 3−774
RCV_SERIALS_INTERFACE, 3−775
RCV_SHIPMENT_HEADERS, 3−776
RCV_SHIPMENT_LINES, 3−780
RCV_TRANSACTIONS, 3−784
RCV_TRANSACTIONS_INTERFACE, 3−790
SO_HEADERS, 2−52
SO_LINES, 2−52
SO_ORDER_LINE_STATUS, 2−51
SO_ORDER_TYPES_115, 2−52
WIP_COST_TXN_INTERFACE, 3−799
WIP_DISCRETE_JOBS, 3−804
WIP_ENTITIES, 3−810
WIP_FLOW_SCHEDULES, 3−812
WIP_LINES, 3−816
WIP_MOVE_TRANSACTIONS, 3−818
WIP_MOVE_TXN_INTERFACE, 3−821
WIP_NON_STANDARD_CLASSES_VAL_V, 2−51
WIP_OPERATION_RESOURCES, 3−828
WIP_OPERATIONS, 3−825
WIP_PARAMETERS, 3−831
WIP_PERIOD_BALANCES, 3−835
WIP_REPETITIVE_CLASSES_VAL_V, 2−51
WIP_REPETITIVE_ITEMS, 3−838
WIP_REPETITIVE_SCHEDULES, 3−841
WIP_REQUIREMENT_OPERATIONS, 3−844
WIP_SHOP_FLOOR_STATUS_CODES, 3−849
WIP_SHOP_FLOOR_STATUSES, 3−847
WIP_STANDARD_CLASSES_VAL_V, 2−51
WIP_TRANSACTION_ACCOUNTS, 3−855
WIP_TRANSACTIONS, 3−851
WMS_LICENSE_PLATE_NUMBERS, 3−858
WMS_STRATEGIES_B, 3−860

Tables
See also Table and View Definitions
Column descriptions, 3−4
Foreign keys, 3−3
Indexes. *See* Indexes
Primary Keys, 3−4
QuickCodes Columns, 3−3
Who columns, 3−4, 3−5

V

View Definitions. *See* Table and View Definitions

Views
See also Table and View Definitions; View List Derivation, 3−6

Reader's Comment Form

Oracle Bills of Material Technical Reference Manual
A90197–01

Oracle Corporation welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information we use for revision.

- Did you find any errors?
- Is the information clearly presented?
- Do you need more information? If so, where?
- Are the examples correct? Do you need more examples?
- What features did you like most about this manual? What did you like least about it?

If you find any errors or have any other suggestions for improvement, please indicate the topic, chapter, and page number below:

_____

_____

_____

_____

_____

_____

_____

_____

Please send your comments to:

Oracle Applications Documentation Manager
Oracle Corporation
500 Oracle Parkway
Redwood Shores, CA 94065 USA
Phone: (650) 506–7000 Fax: (650) 506–7200

If you would like a reply, please give your name, address, and telephone number below:

_____

_____

_____

Thank you for helping us improve our documentation.