Oracle® Work in Process

Technical Reference Manual

Release 11*i*

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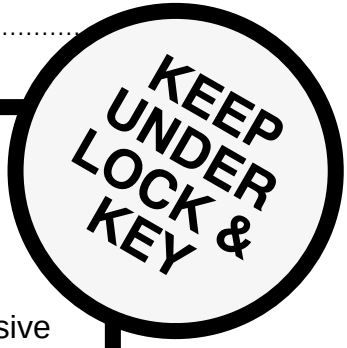

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Oracle® Work in Process Technical Reference Manual

RELEASE 11*i*

December 1999

ORACLE

Oracle® Work in Process Technical Reference Manual
Release 11*i*

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CHAPTER

1 Introduction

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

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

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

About this Manual

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

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Finding the Latest Information

The *Oracle Work in Process 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 Work in Process 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 Work in Process. 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 Work in Process uses. This chapter also has a list of modules.

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Detailed Design

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

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How to Use This Manual

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

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

We have constructed Oracle Work in Process 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.

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Do not write data into non–interface tables

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

Moreover, this version of the *Oracle Work in Process Technical Reference Manual* does not contain complete information about the dependencies between Work in Process 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 Work in Process 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 Work in Process 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 Work in Process 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 Work in Process 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.

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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 Work in Process.

A Few Words About Terminology

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

Relationship

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

Database Diagram

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

Summary Database Diagram

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

Module

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

Application Building Block

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

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

QuickCodes

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

Form

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

Other Information Sources

There are additional information sources, including other documentation, training and support services, that you can use to increase your knowledge and understanding of Oracle Designer, Oracle Application Object Library, and Oracle Work in Process. 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*

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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 Work in Process User Guide

Your user guide provides you with all the information you need to use your Release 11i Work in Process 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 Work in Process 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.

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

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Installation and System Administration

Oracle Applications Installation Release Notes

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

Oracle Applications Concepts

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

Installing Oracle Applications

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

Using the AD Utilities

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

Upgrading Oracle Applications

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

Oracle Applications System Administrator's Guide

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

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Oracle Applications Product Update Notes

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

Oracle Self–Service Web Applications Implementation Manual

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

Oracle Applications Implementation Wizard User Guide

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

Other Information

Training

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

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

Support

From on–site support to central support, our team of experienced professionals provides the help and information you need to keep Oracle Work in Process 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

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

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About Oracle

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

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

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

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CHAPTER

2 High–Level Design

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

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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 Work in Process applications. And, you can prepare yourself to understand the detailed design and implementation of Oracle Work in Process.

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 Work in Process application depends.

Database Diagrams

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

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

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Table Lists

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

View Lists

The View List sections list the Work in Process 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.

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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 Work in Process 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 Work in Process 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 Work in Process. Use your user's guide to learn more about reports and concurrent processes.

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Summary Database Diagram

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

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

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

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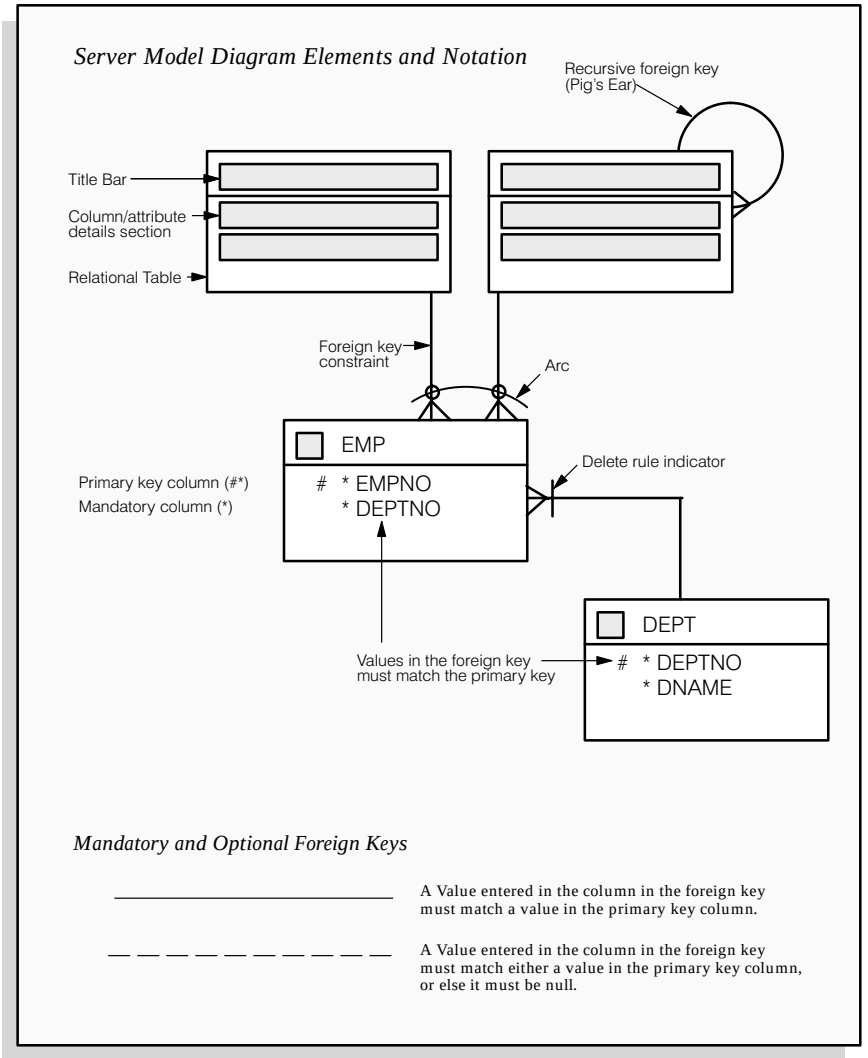
Database Diagramming Conventions

We use the following notational conventions in our database diagrams:

Figure 2 – 1
Database Diagram Conventions



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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.

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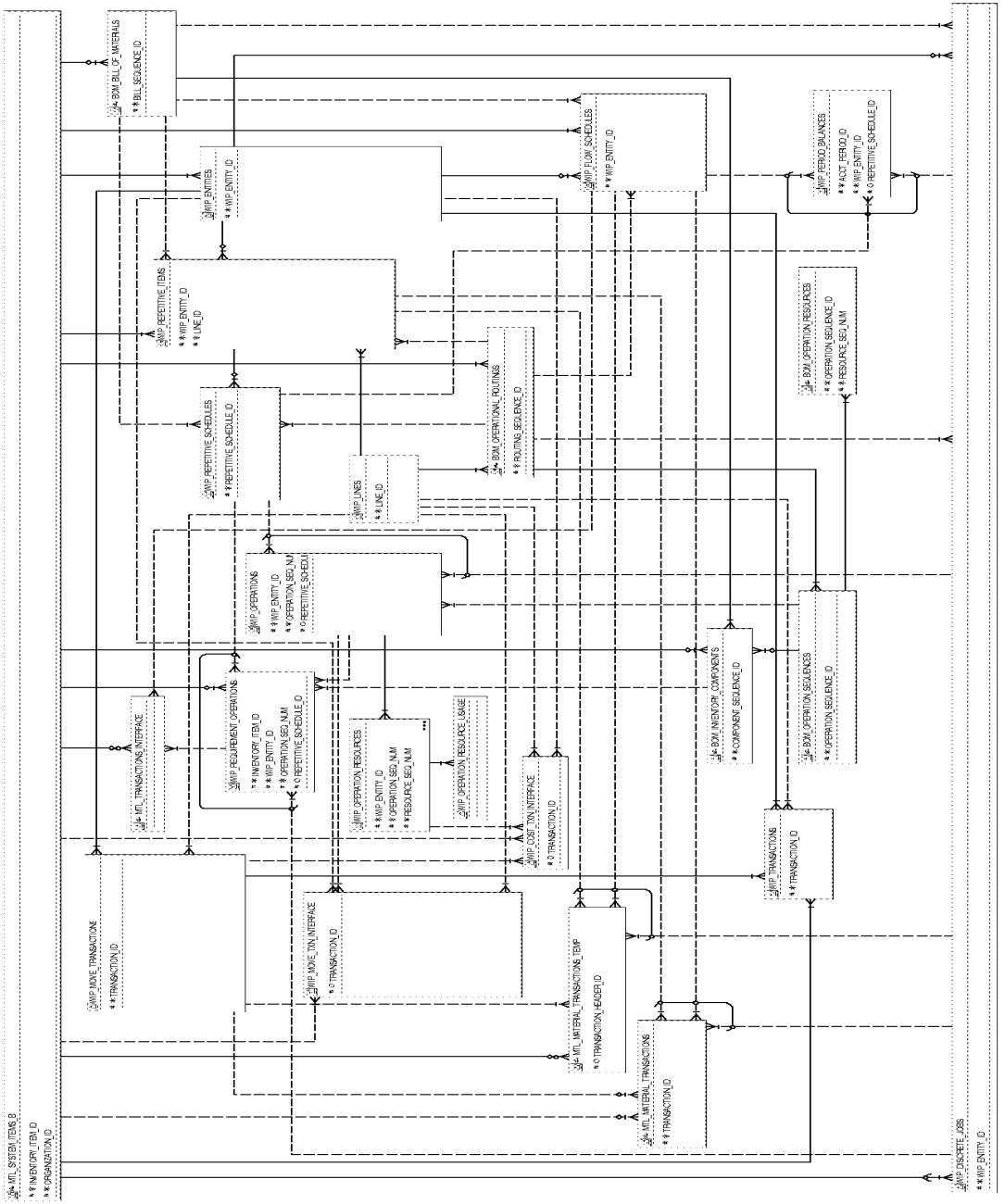
Work in Process Summary Database Diagram



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Database Diagrams

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

This section contains a database diagram for the following Work in Process application building blocks:

- Diagram 1: WIP Discrete Jobs
- Diagram 2: WIP Repetitive Schedules
- Diagram 3: WIP Operations
- Diagram 4: WIP Move Transactions
- Diagram 5: WIP Material Transactions
- Diagram 6: WIP Resource Transactions
- Diagram 7: WIP Completion Transactions
- Diagram 8: WIP Work Order–less Completion Transactions

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

WIP Discrete Functionality

Diagram 1 shows the main tables and relationships that support WIP discrete functionality. Note that although the relationship between WIP_ENTITIES and WIP_REPETITIVE_ITEMS is shown here as mandatory both ways, it actually is part of an arc that includes WIP_REPETITIVE_ITEMS, as shown in the WIP Overview diagram.

WIP Repetitive Functionality

Diagram 2 shows the main tables and relationships that support WIP repetitive functionality. Note that although the relationship between WIP_ENTITIES and WIP_REPETITIVE_ITEMS is shown here as mandatory both ways, it actually is part of an arc that includes WIP_DISCRETE_JOBS, as shown in the WIP Overview diagram. Note

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also that repetitive transactions use allocation tables to enable Flow charging.

WIP Operations

Diagram 3 shows the tables that are populated when discrete jobs or repetitive schedules are created and the relationships between them. These tables are also the basis of all transactions. WIP_OPERATIONS supports move transactions, WIP_REQUIREMENT_OPERATIONS supports material transactions, and WIP_OPERATION_RESOURCES supports resource transactions.

WIP Move Transactions

Diagram 4 shows the tables and relationships that support WIP Move Transactions, both form–based and open. These tables support both discrete job and repetitive schedule Move Transactions. Note that a Move Transaction can generate material transactions for backflush, scrap, or easy completion. A Move Transaction can also generate automatic (WIP Move) resource charges and move–based overhead charges. Finally, a Move Transaction can generate purchase order requisitions for outside processing resources.

WIP Material Transactions

Diagram 5 shows the tables and relationships that support WIP Material Transactions. This includes material issues to the shop floor and returns to inventory from the shop floor for discrete jobs, repetitive schedules, and Work Order–less Completion Transactions.

WIP Resource Transactions

Diagram 6 shows the tables and relationships that support WIP Resource Transactions for both discrete jobs and repetitive schedules.

WIP Completion Transactions

Diagram 7 shows the tables and relationships that support WIP Completion Transactions. This includes the completion of assemblies into inventory and the return of assemblies to the shop floor.

WIP Work Order–less Completion Transactions

Diagram 8 shows the tables and relationships that support Work Order–less Completion Transactions. This includes the completion of

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assemblies into inventory and the return of assemblies to the shop floor.

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 load information into your Work in Process application from a legacy, non–Oracle system. You first must determine what information is required by your Work in Process application. You turn to Diagram 1 to see what types of information Work in Process can accept. You learn that you can create a record for each discrete job, repetitive schedule, and work order–less completion record in your legacy system. Since your legacy system handles only discrete jobs, you turn to Diagram 1 to see what types of discrete job information are associated with Work in Process jobs. From this diagram, you then determine that there is an interface, the Job and Schedule Interface or WIP_JOB_SCHEDULE_INTERFACE, that you can use to load discrete job information into the WIP_DISCRETE_JOBS table.

Next, you turn to the Table and View Definitions section in Chapter 3 to learn about the columns in each of these tables. This information helps you determine what information from your legacy system is required to create jobs in Work in Process. Using this information, you write an application that inserts data from your legacy system into the proper columns in the Job and Schedule Interface table so that it can be loaded into Work in Process.

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Diagram 1: WIP Discrete Functionality

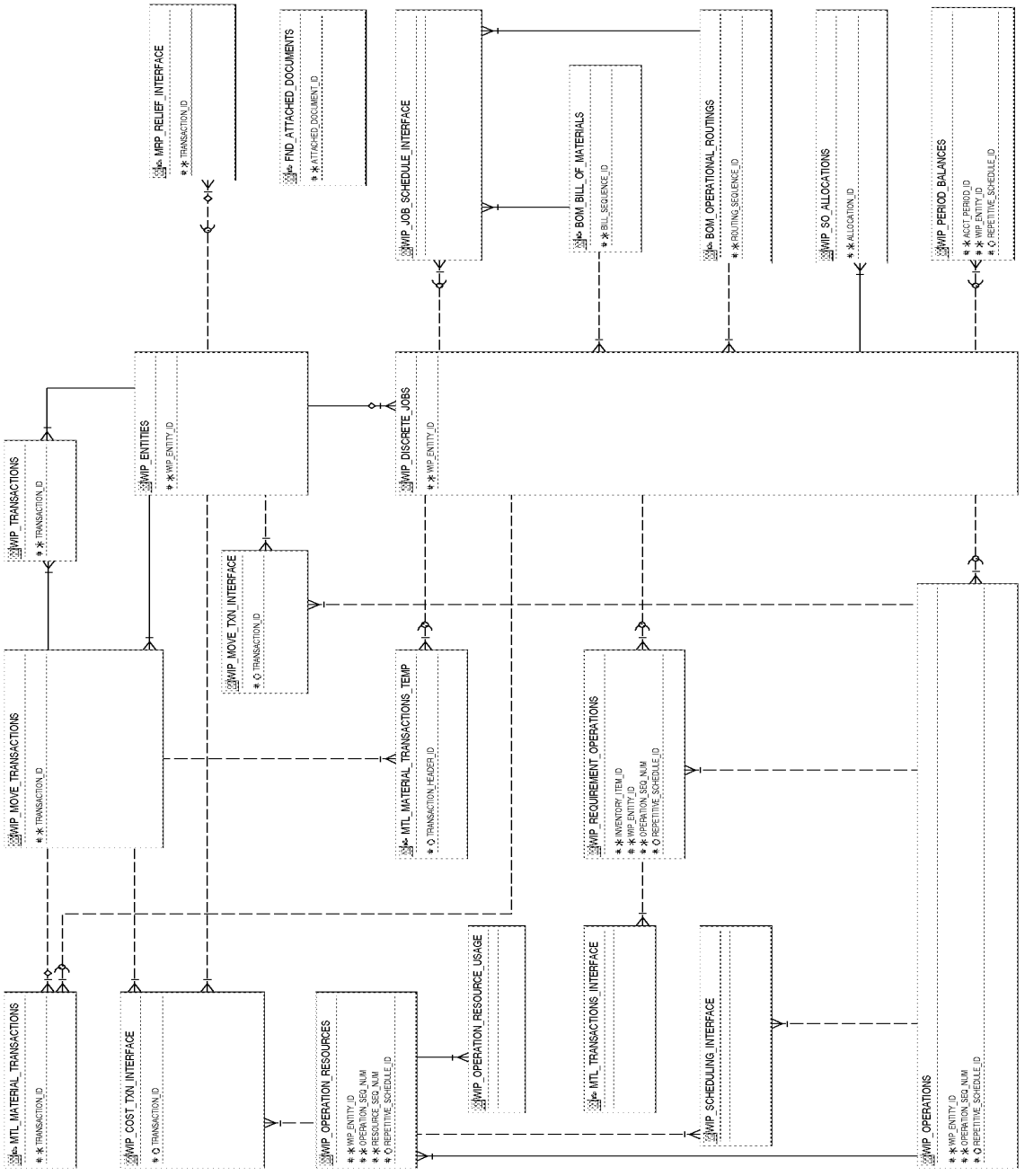

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Diagram 2: WIP Repetitive Functionality

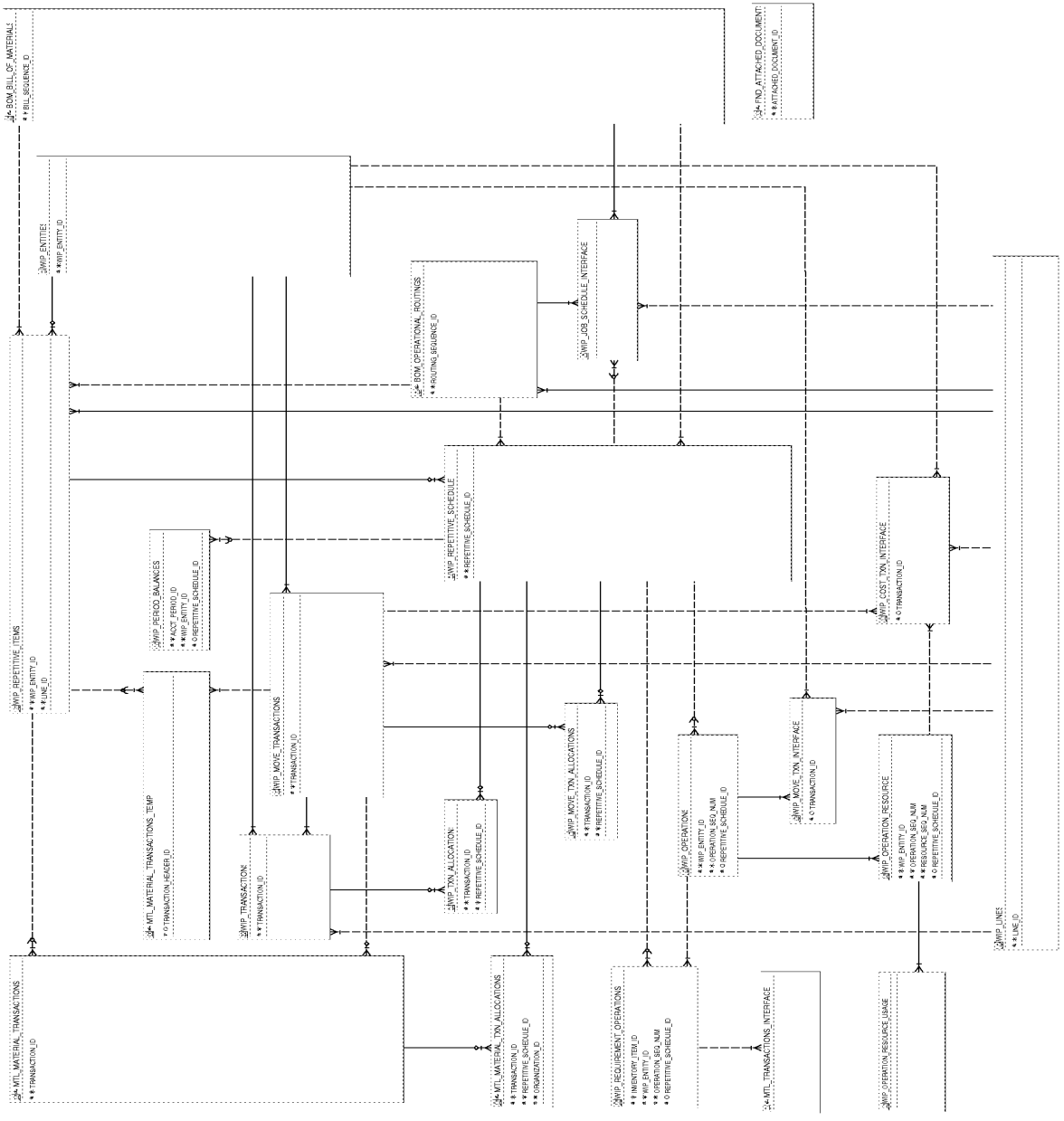

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Diagram 3: WIP Operations

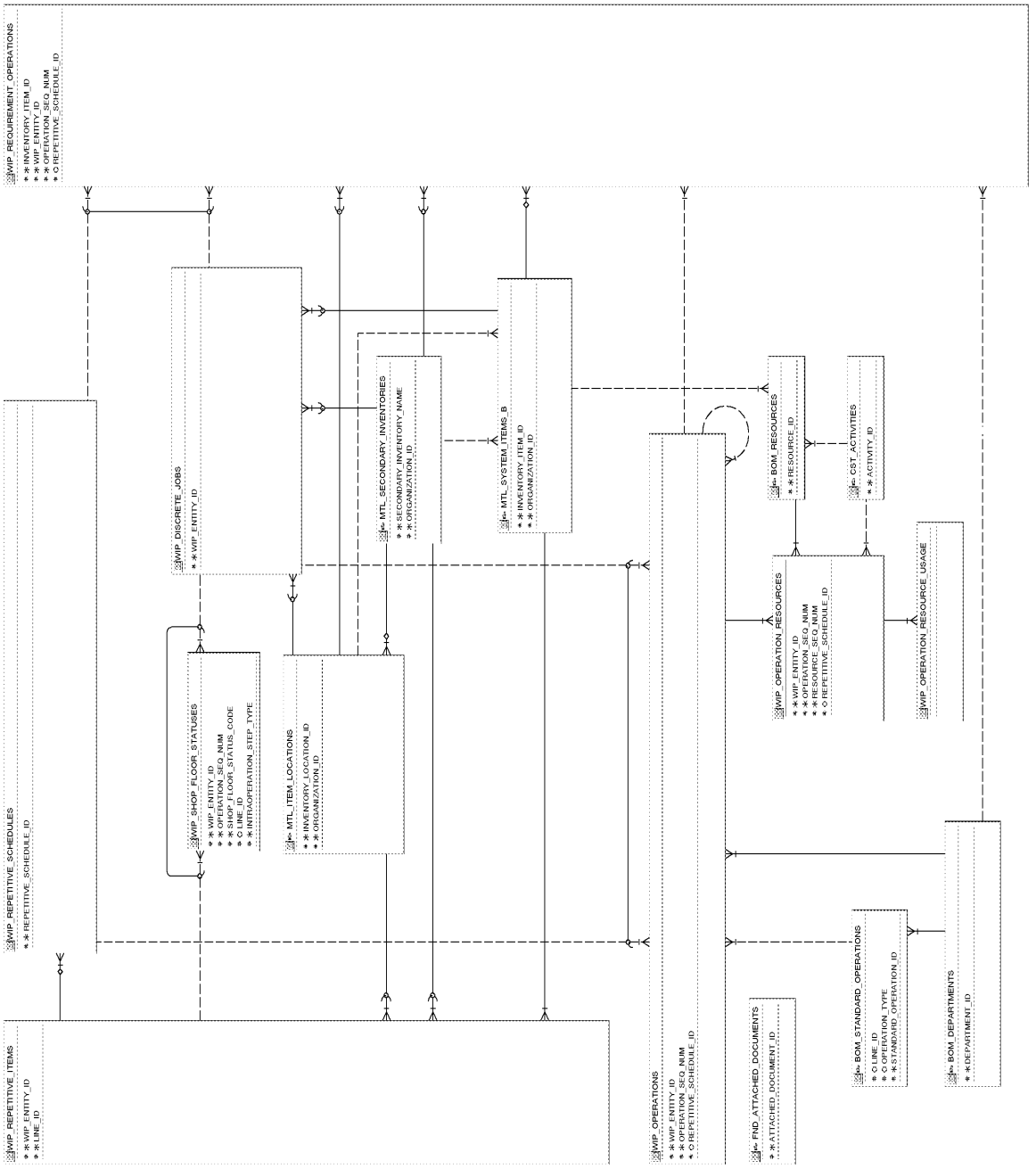

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Diagram 4: WIP Move Transactions

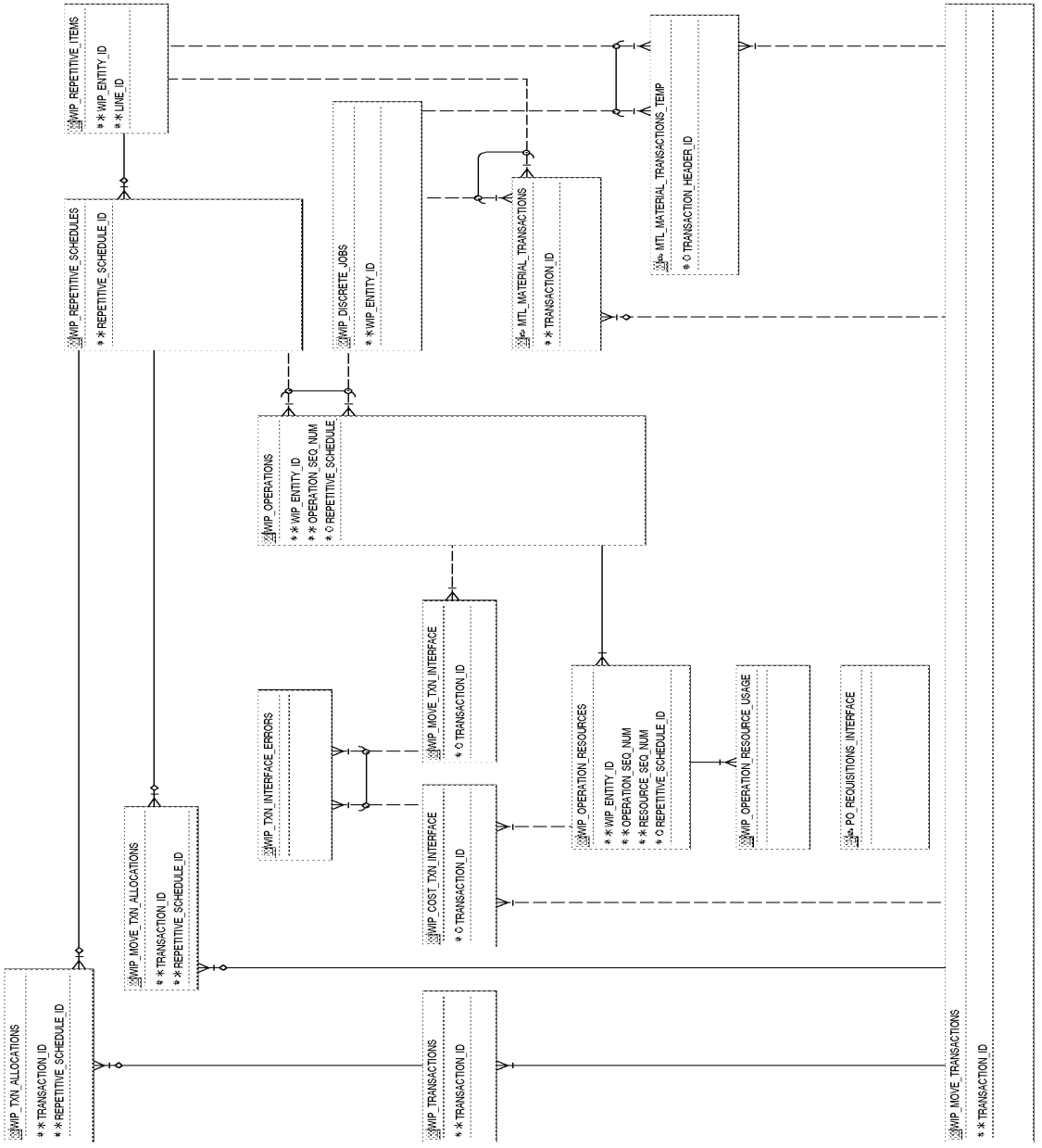

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Diagram 5: WIP Material Transactions

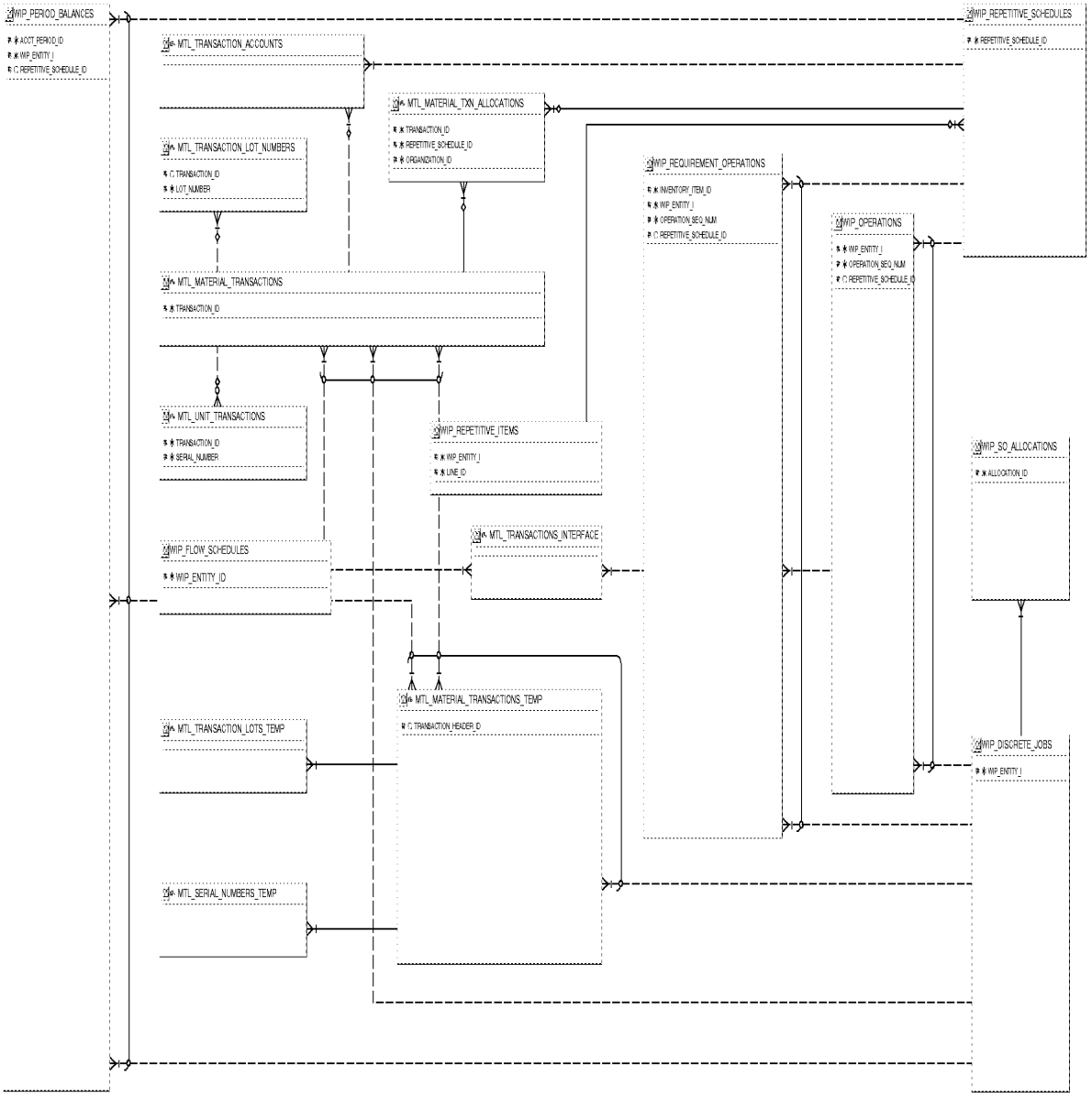

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Diagram 6: WIP Resource Transactions

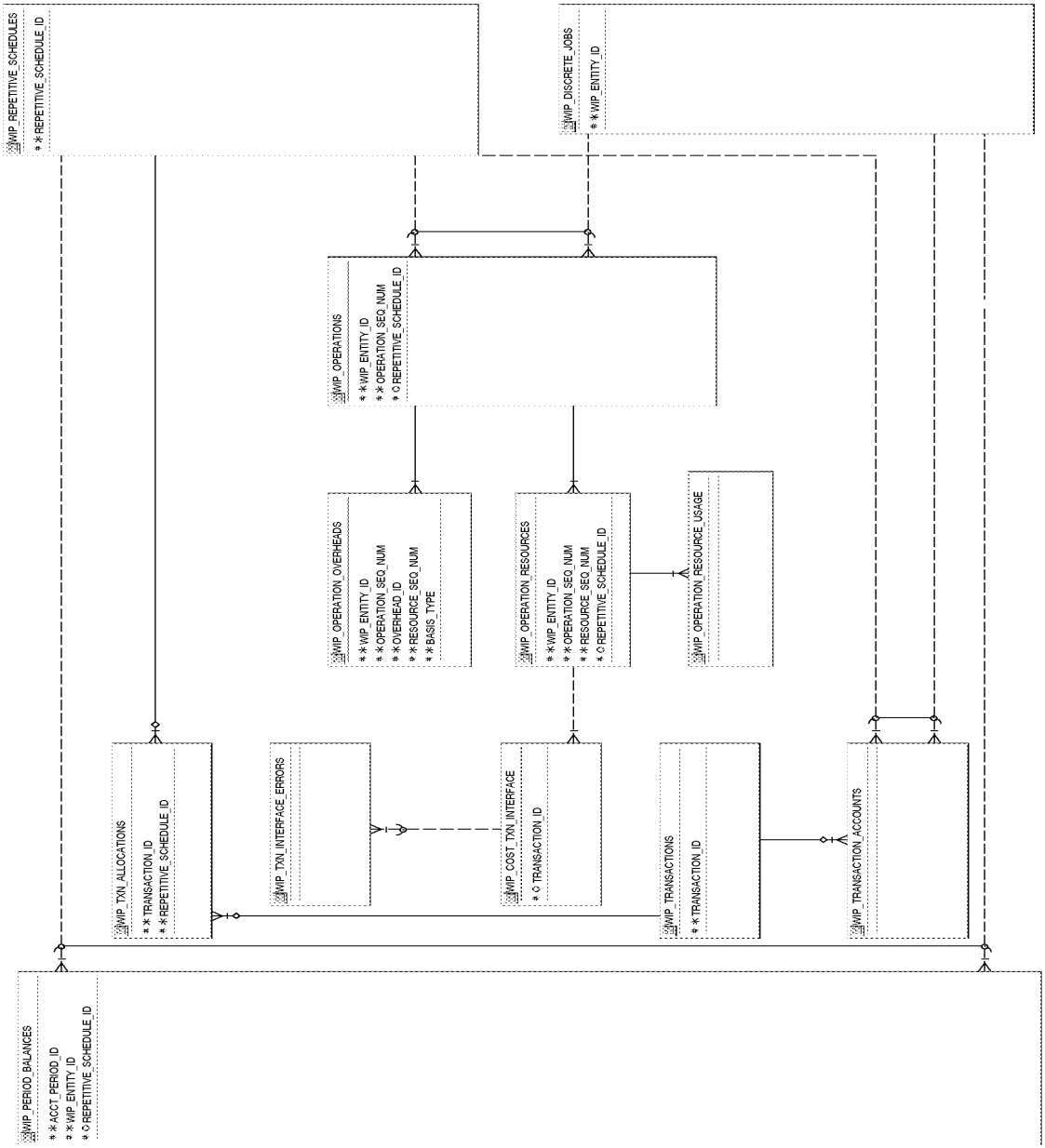

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Diagram 7: WIP Completion Transactions

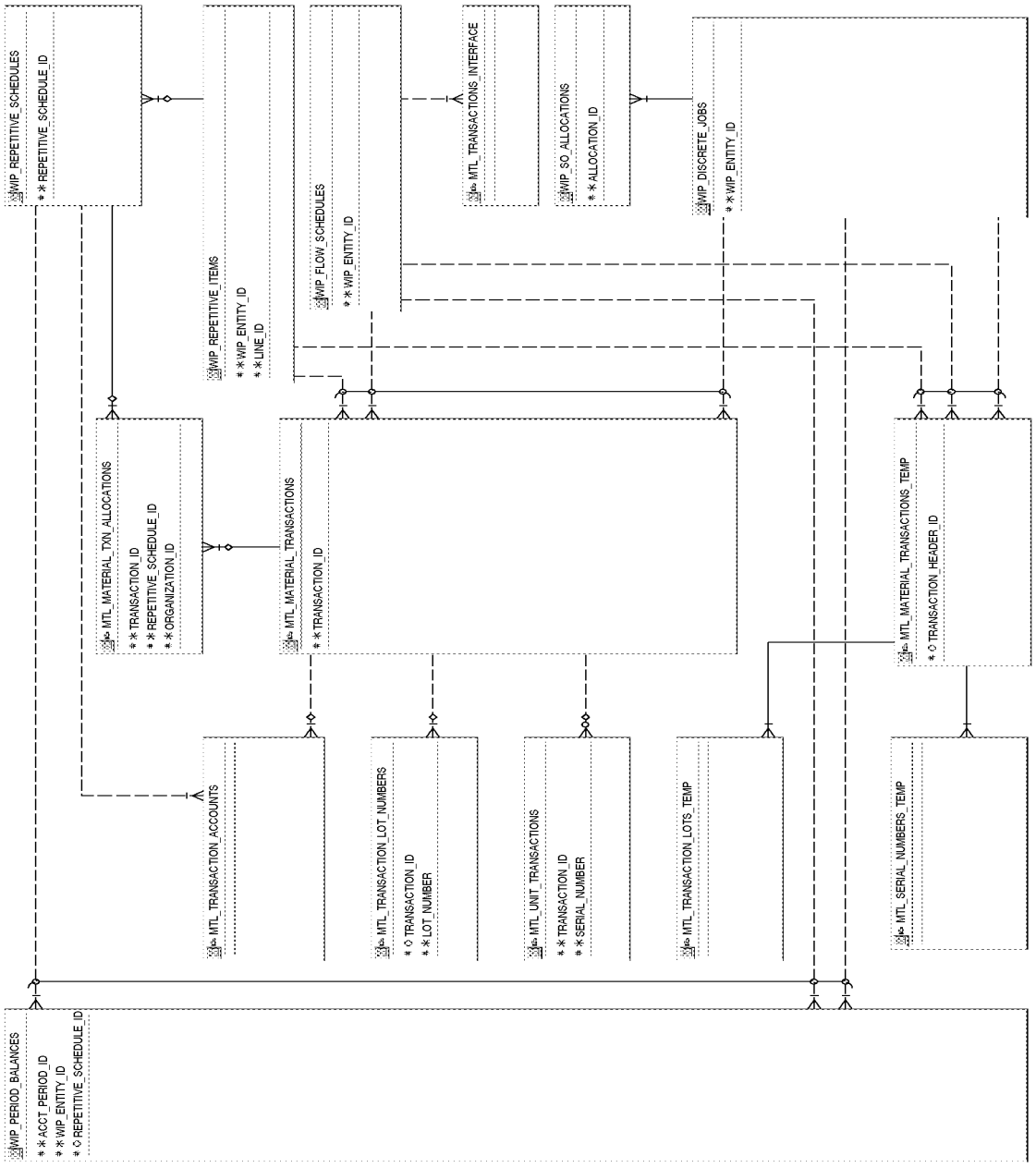

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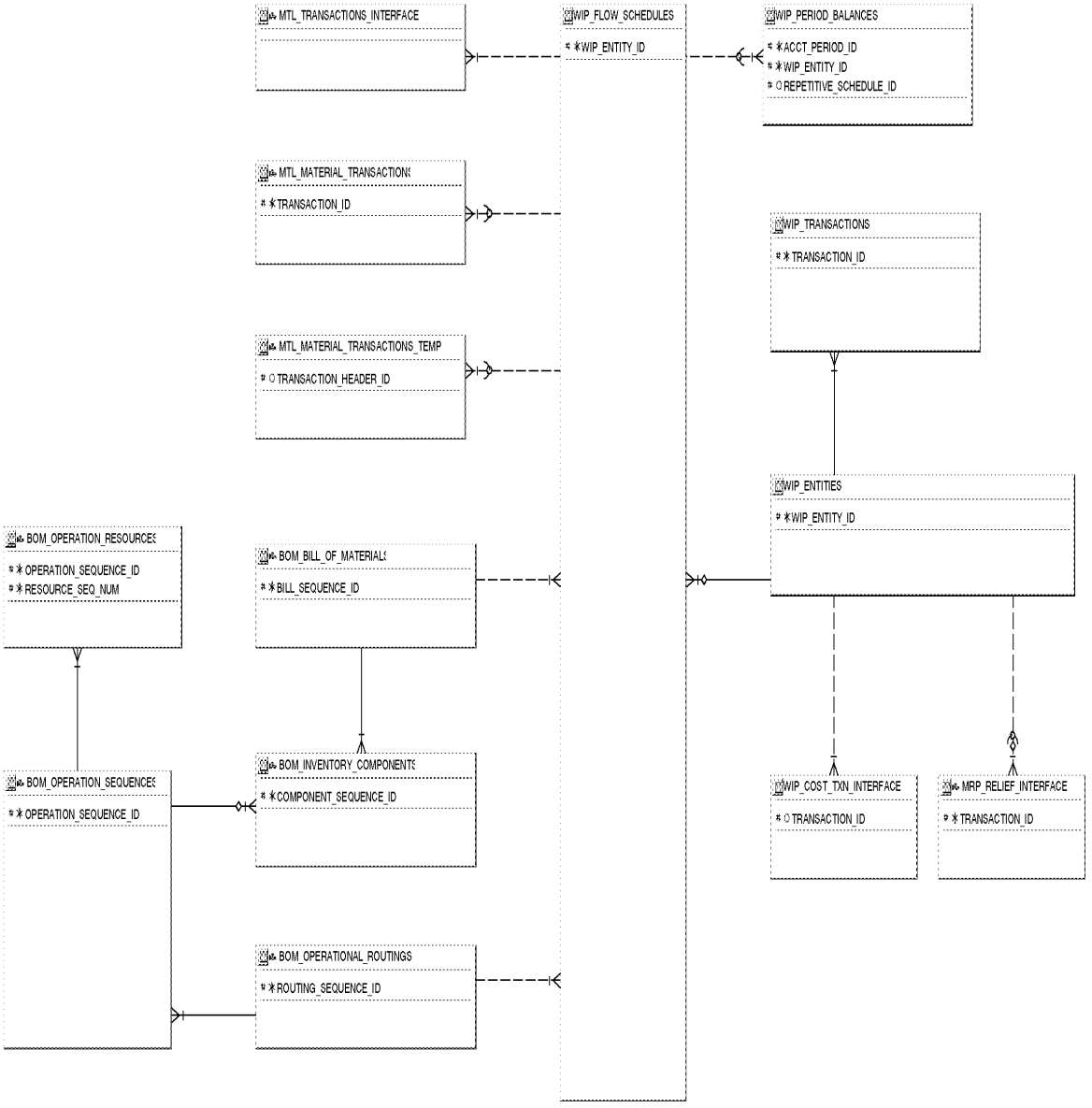
Diagram 8: WIP Work Order–less Completion Transactions



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Public Table List

This section lists each public database table that Oracle Work In Process uses and provides a brief description of each of the tables. Page references refer to the detailed table descriptions 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 Work In Process uses the following Public tables:

Table Name	Description
BOM_ALTERNATE_DESIGNATORS	Alternate designators (See page 3 – 7)
BOM_BILL_OF_MATERIALS	Bills of material (See page 3 – 8)
BOM_CALENDAR_DATES	Workday calendar dates (See page 3 – 11)
BOM_DEPARTMENTS	Departments (See page 3 – 13)
BOM_DEPARTMENT_RESOURCES	Resources associated with departments (See page 3 – 15)
BOM_INVENTORY_COMPONENTS	Bill of material components (See page 3 – 17)
BOM_OPERATIONAL_ROUTINGS	Routings (See page 3 – 22)
BOM_OPERATION_RESOURCES	Resources on operations (See page 3 – 25)
BOM_OPERATION_SEQUENCES	Routing operations (See page 3 – 27)
BOM_PARAMETERS	Bills of material parameters (See page 3 – 30)
BOM_RESOURCES	Resources, overheads, material cost codes, and material overheads (See page 3 – 32)
BOM_RESOURCE_CHANGES	Resource capacity modifications (See page 3 – 35)
BOM_RESOURCE_SHIFTS	Resource shift information (See page 3 – 37)
BOM_SHIFT_DATES	Workday calendar shift dates (See page 3 – 38)
BOM_SHIFT_TIMES	Workday calendar shift times (See page 3 – 39)
BOM_STANDARD_OPERATIONS	Standard operations (See page 3 – 40)
BOM_STD_OP_RESOURCES	Standard operation resources (See page 3 – 43)

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CRP_SIMULATION_SETS	Simulation set names (See page 3 – 46)
CST_ACTIVITIES	Activity definition associated with activity costing (See page 3 – 47)
CST_COMP_SNAPSHOT	Stores the assembly units completed at each operation step (See page 3 – 49)
CST_COMP_SNAP_INTERFACE	Stores the assembly units completed at each operation step to be interfaced through the transactions interface (See page 3 – 50)
CST_COMP_SNAP_TEMP	Stores the assembly units completed at each operation step to be interfaced through the transactions temporary table (See page 3 – 51)
CST_COST_ELEMENTS	Cost elements definition (See page 3 – 52)
CST_COST_GROUPS	Stores cost group definitions (See page 3 – 53)
CST_COST_TYPES	Stores cost type definitions (See page 3 – 55)
CST_COST_UPDATES	Cost update history (See page 3 – 57)
CST_DEPARTMENT_OVERHEADS	Department overhead cost definition (See page 3 – 59)
CST_ITEM_COSTS	Item cost summary (See page 3 – 61)
CST_PAC_PERIODS	Holds information about periodic costing open and closed periods for each legal entity. (See page 3 – 63)
CST_RESOURCE_COSTS	Resource and outside processing resource cost definition (See page 3 – 64)
CST_RESOURCE_OVERHEADS	Resource that an overhead is applied to (See page 3 – 66)
ENG_REVISED_ITEMS	Pending and implemented revised items (See page 3 – 68)
FINANCIALS_SYSTEM_PARAMS_ALL	Oracle Financials system parameters and defaults (See page 3 – 71)
FND_ATTACHED_DOCUMENTS	Attached documents (no table description)
FND_CURRENCIES	Currencies enabled for use at your site (no table description)
FND_DATA_GROUP_UNITS	ORACLE accounts for applications assigned to various data groups (no table description)
FND_DESCR_FLEX_CONTEXTS	Structure names for descriptive flexfields (no table description)

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FND_DUAL	Dummy base table used by a form block that does not have a real base table (for commit purposes) (no table description)
FND_PRODUCT_DEPENDENCIES	Dependencies of Oracle Applications products installed at your site (no table description)
FND_PRODUCT_INSTALLATIONS	Oracle Applications products installed at your site (no table description)
FND_RESPONSIBILITY	Responsibilities (no table description)
FND_TERRITORIES	Territories, also known as countries (no table description)
FND_USER	Application users (no table description)
GL_CODE_COMBINATIONS	Account combinations (See page 3 – 79)
GL_SETS_OF_BOOKS	Set of books definitions (See page 3 – 84)
MRP_DESIGNATORS	Plan names (See page 3 – 88)
MRP_PLANS	Settings for a specific plan name (See page 3 – 90)
MRP_RECOMMENDATIONS	MRP plan recommendations (See page 3 – 96)
MRP_RELIEF_INTERFACE	Interface table to relieve the master schedule tables (See page 3 – 103)
MRP_SCHEDULE_DESIGNATORS	Schedule names (See page 3 – 106)
MRP_SYSTEM_ITEMS	MRP item master (See page 3 – 108)
MTL_CATEGORIES_B	Code combinations table for item categories (See page 3 – 113)
MTL_DEMAND	Sales order demand and reservations (See page 3 – 115)
MTL_INTERFACE_PROC_CONTROLS	Interface Processes Control Parameters (See page 3 – 121)
MTL_ITEM_LOCATIONS	Definitions for stock locators (See page 3 – 123)
MTL_ITEM_REVISIONS	Item revisions (See page 3 – 126)
MTL_ITEM_STATUS	Material status definitions (See page 3 – 128)
MTL_ITEM_SUB_INVENTORIES	Item–subinventory assignments (See page 3 – 129)
MTL_KANBAN_CARDS	Kanban Cards (See page 3 – 131)
MTL_LOT_NUMBERS	Lot number definitions (See page 3 – 134)

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MTL_MATERIAL_TRANSACTIONS	Material transaction table (See page 3 – 136)
MTL_MATERIAL_TRANSACTIONS_TEMP	Temporary table for processing material transactions (See page 3 – 143)
MTL_MATERIAL_TXN_ALLOCATIONS	Unit allocations among repetitive schedules (See page 3 – 149)
MTL_ONHAND_QUANTITIES	FIFO quantities by control level and receipt (See page 3 – 150)
MTL_PARAMETERS	Inventory control options and defaults (See page 3 – 152)
MTL_PLANNERS	Planner code definitions (See page 3 – 159)
MTL_RTG_ITEM_REVISIONS	Routing revisions (See page 3 – 160)
MTL_SALES_ORDERS	Local definitions of sales orders (See page 3 – 162)
MTL_SECONDARY_INVENTORIES	Subinventory definitions (See page 3 – 164)
MTL_SECONDARY_LOCATORS	Item–subinventory–locator assignments (See page 3 – 168)
MTL_SERIAL_NUMBERS	Serial number definitions (See page 3 – 169)
MTL_SERIAL_NUMBERS_TEMP	Temporary serial number holding table (See page 3 – 172)
MTL_SYSTEM_ITEMS_B	Inventory item definitions (See page 3 – 173)
MTL_TRANSACTIONS_INTERFACE	Gateway for externally generated material transactions (See page 3 – 193)
MTL_TRANSACTION_ACCOUNTS	Material transaction distributions (See page 3 – 202)
MTL_TRANSACTION_LOTS_TEMP	Temporary lot numbers holding table (See page 3 – 205)
MTL_TRANSACTION_LOT_NUMBERS	Transaction lot numbers (See page 3 – 207)
MTL_TRANSACTION_REASONS	Inventory Transaction Reasons Table (See page 3 – 208)
MTL_TRANSACTION_TYPES	Inventory Transaction Types Table (See page 3 – 209)
MTL_UNITS_OF_MEASURE_TL	Unit of measure definitions (See page 3 – 211)
MTL_UNIT_TRANSACTIONS	Serial number transactions (See page 3 – 213)
MTL_UOM_CLASSES_TL	Unit of measure classes (See page 3 – 215)
MTL_UOM_CLASS_CONVERSIONS	Conversions between base units of two different classes (See page 3 – 216)

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MTL_UOM_CONVERSIONS	Unit of measure conversion table for both default and item specific conversions (See page 3 – 218)
ORG_ACCT_PERIODS	Organization accounting period definition table (See page 3 – 220)
ORG_GL_BATCHES	General Ledger transfer information for each batch (See page 3 – 222)
PJM_UNIT_NUMBERS	End Item Model / Unit Numbers (See page 3 – 223)
PO_DISTRIBUTIONS_ALL	Purchase order distributions (See page 3 – 225)
PO_HEADERS_ALL	Document headers (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 232)
PO_LINES_ALL	Purchase document lines (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 240)
PO_LINE_LOCATIONS_ALL	Document shipment schedules (for purchase orders, purchase agreements, quotations, RFQs) (See page 3 – 246)
PO_REQUISITIONS_INTERFACE_ALL	Requisition Import interface table (See page 3 – 254)
PO_REQUISITION_LINES_ALL	Requisition lines (See page 3 – 262)
PO_VENDORS	Suppliers (See page 3 – 269)
RCV_TRANSACTIONS	Receiving transactions (See page 3 – 276)
WIP_ACCOUNTING_CLASSES	Accounting classes (See page 3 – 282)
WIP_BIS_PERF_TO_PLAN	Scheduled production and actual production (See page 3 – 285)
WIP_BIS_PROD_ASSY_YIELD	Production assembly yield (See page 3 – 286)
WIP_BIS_PROD_DEPT_YIELD	Yield by department (See page 3 – 288)
WIP_BIS_PROD_INDICATORS	Productivity, utilization, and yield, by job, assembly, department, and resource (See page 3 – 290)
WIP_COST_TXN_INTERFACE	Requests to process cost transactions (See page 3 – 293)
WIP_DEF_CAT_ACC_CLASSES	Default accounting classes (See page 3 – 298)
WIP_DISCRETE_JOBS	Discrete jobs (See page 3 – 299)
WIP_DJ_CLOSE_TEMP	Temporary information on jobs being closed (See page 3 – 305)

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WIP_EMPLOYEE_LABOR_RATES	Employee hourly labor rates (See page 3 – 306)
WIP_ENTITIES	Information common to jobs and schedules (See page 3 – 308)
WIP_FLOW_SCHEDULES	Work order–less flow schedules (See page 3 – 310)
WIP_INDICATORS_TEMP	Temporary table used for calculating the production indicators from the transaction information (See page 3 – 314)
WIP_INTERFACE_ERRORS	Errors encountered while processing open interface requests (See page 3 – 316)
WIP_JOB_DTLS_INTERFACE	Requests to add / delete / modify material / resource requirements for jobs and schedules (See page 3 – 317)
WIP_JOB_SCHEDULE_INTERFACE	Requests to create or modify jobs and schedules (See page 3 – 320)
WIP_LINES	Production lines (See page 3 – 324)
WIP_MOVE_TRANSACTIONS	Shop floor move transactions (See page 3 – 326)
WIP_MOVE_TXN_ALLOCATIONS	Move transaction allocations for repetitive schedules (See page 3 – 329)
WIP_MOVE_TXN_INTERFACE	Requests to process shop floor move transactions (See page 3 – 330)
WIP_OPERATIONS	Operations necessary for jobs and schedules (See page 3 – 334)
WIP_OPERATION_OVERHEADS	Overheads for operations in an average costing organization (See page 3 – 337)
WIP_OPERATION_RESOURCES	Resources necessary for operations (See page 3 – 339)
WIP_OPERATION_RESOURCE_USAGE	Resource usage in an operation resource according to the shift and calendar information (See page 3 – 342)
WIP_PAC_ACTUAL_COST_DETAILS	Stores the cost of each resoure, overhead, outside processing and job close transation by entity, period, cost group (See page 3 – 343)
WIP_PAC_PERIOD_BALANCES	Stores periodic balance of all WIP entities within a cost group by period (See page 3 – 345)

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WIP_PARAMETERS	WIP specific organization level parameters (See page 3 – 348)
WIP_PERIOD_BALANCES	Job and schedule charges, by accounting period (See page 3 – 352)
WIP_PURGE_TEMP	Temporary information on jobs and schedules being purged (See page 3 – 355)
WIP_REPETITIVE_ITEMS	Line / assembly associations (See page 3 – 356)
WIP_REPETITIVE_SCHEDULES	Repetitive schedules (See page 3 – 359)
WIP_REQUIREMENT_OPERATIONS	Components required by jobs and schedules (See page 3 – 362)
WIP_REQ_OPERATION_COST_DETAILS	Costs for material requirements in an average costing organization (See page 3 – 365)
WIP_SCHEDULE_GROUPS	Discrete job schedule groups (See page 3 – 366)
WIP_SCHEDULING_INTERFACE	Requests to schedule operations and resources (See page
WIP_SCRAP_VALUES	Cost information for assembly scrap transactions (See page 3 – 367)
WIP_SHOP_FLOOR_STATUSES	Statuses assigned to particular jobs and schedules (See page 3 – 368)
WIP_SHOP_FLOOR_STATUS_CODES	Statuses that a job or schedule may assume (See page 3 – 370)
WIP_SO_ALLOCATIONS	Allocations of job assemblies to sales orders (See page 3 – 372)
WIP_SO_ALLOCATIONS_TEMP	Temporary sales order allocation information (See page 3 – 374)
WIP_TEMP_REPORTS	Temporary information used while generating reports (See page 3 – 375)
WIP_TRANSACTIONS	WIP resource transactions (See page 3 – 376)
WIP_TRANSACTION_ACCOUNTS	Debits and credits due to resource transactions (See page 3 – 380)
WIP_TXN_ALLOCATIONS	Resource transaction allocations for repetitive schedules (See page 3 – 383)

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WIP_TXN_INTERFACE_ERRORS	Errors encountered during resource and move transaction processing (See page 3 – 384)
WIP_VALID_INTRAOPERATION_STEPS	Types of intraoperation steps possible in an organization (See page 3 – 385)

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Public View List

This section lists each public database view that Work in Process uses and provides a brief description of each of the views. These views may be useful for your custom reporting or other data requirements.

Work in Process uses the following public views:

View Name	Description
MFG_LOOKUPS	(No view description)
WIP_BIS_LATE_PROD_COMP_V	Discrete jobs or repetitive schedules that completed late
WIP_BIS_PERF_TO_PLAN_V	Number of items produced / scheduled
WIP_BIS_PERIOD_BALANCE_V	Value of WIP for discrete jobs and repetitive schdules
WIP_BIS_PRODUCTIVITIES_V	Efficiency for hour–based resources
WIP_BIS_PROD_ASSY_YIELD_V	Total / Scrapped quantity at specific organization / date
WIP_BIS_PROD_DEPT_YIELD_V	Completed / Scrapped quantity for department / operation / date
WIP_BIS_PROD_VAL_EMP_V	Average production per employee in an inventory organization
WIP_BIS_SCRAP_REASONS_V	Information about scrapped assemblies on a given date
WIP_BIS_UTZ_CATNOITEM_V	Resource Utilization including Product Category without Inventory Item
WIP_BIS_UTZ_CAT_V	Resource Utilization with Product Category and Inventory Item
WIP_BIS_UTZ_NOCAT_V	Resource Utilization including Inventory Item without Product Category
WIP_DEPT_IMM_DISPATCH_V	Department immediate dispatch list
WIP_DEPT_RESOURCES_V	Resources owned by a department
WIP_DEPT_UPS_DISPATCH_V	Department upstream dispatch list
WIP_FLOW_ASSEMBLIES_V	(No view description)
WIP_FLOW_ASSEMBLY_EVENTS_V	(No view description)
WIP_FLOW_LINE_LINEARITY_V	(No view description)

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WIP_FLOW_MIX_LINEARITY_V	(No view description)
WIP_FLOW_SCHEDULE_EVENTS_V	(No view description)
WIP_ICX_COMPONENTS_V	Component information for job / schedule operations
WIP_ICX_OSP_WORKBENCH_V	WIP outside processing purchase orders information
WIP_LINE_OPERATIONS_V	(No view description)
WIP_OPEN_DEMANDS_V	(No view description)
WIP_OPEN_FLOW_SCHEDULES_V	(No view description)
WIP_OPERATION_RESOURCE_USAGE_V	Resolves foreign key data for WIP_OPERATION_RESOURCE_USAGE
WIP_OSP_REQS_POS_V	Requisitions and purchase orders information for a job or repetitive schedule
WIP_PCB_BOM_DEPARTMENTS_V	WIP Production Control Board base view
WIP_PCB_DEPT_IMM_DISPATCH_V	WIP Production Control Board base view
WIP_PCB_DEPT_RESOURCES_V	WIP Production Control Board base view
WIP_PCB_DEPT_UPS_DISPATCH_V	WIP Production Control Board base view
WIP_PCB_FLOW_ASSEMBLIES_V	WIP Production Control Board base view
WIP_PCB_FLOW_ASSEMBLY_EVENTS_V	WIP Production Control Board base view
WIP_PCB_FLOW_SCHEDULE_EVENTS_V	WIP Production Control Board base view
WIP_PCB_OPEN_FLOW_SCHEDULES_V	WIP Production Control Board base view
WIP_PCB_RES_IMM_DISPATCH_V	WIP Production Control Board base view
WIP_PCB_RES_UPS_DISPATCH_V	WIP Production Control Board base view
WIP_RESERVATIONS_V	(No view description)
WIP_RES_IMM_DISPATCH_V	Resource immediate dispatch list
WIP_RES_UPS_DISPATCH_V	Resource upstream dispatch list

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Forms and Table View List

This section lists supplementary views that are not essential to the Release 11i data model, but simplify coding or improve performance of Developer / 2000. For example, many of these views are used as base tables in Work in Process forms.

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

Work in Process uses the following Forms and Table views:

- HR_EMPLOYEES
- MTL_EMPLOYEES_CURRENT_VIEW
- MTL_EMPLOYEES_VIEW
- MTL_ITEM_FLEXFIELDS
- MTL_ITEM_UOMS_VIEW
- MTL_UOM_CONVERSIONS_VIEW
- ORG_ORGANIZATION_DEFINITIONS
- WIP_COST_TXN_INTERFACE_V
- WIP_DISCRETE_JOBS_V
- WIP_INTERFACE_ERRORS_V
- WIP_JOB_SCHEDULE_INTERFACE_V
- WIP_MOVE_TRANSACTIONS_V
- WIP_MOVE_TXN_INTERFACE_V
- WIP_OPERATIONS_INQ_V
- WIP_OPERATIONS_V
- WIP_OPERATION_RESOURCES_INQ_V
- WIP_OPERATION_RESOURCES_V
- WIP_PARAMETERS_V
- WIP_REPETITIVE_ITEMS_V
- WIP_REPETITIVE_SCHEDULES_V
- WIP_REQUIREMENT_OPERATIONS_V
- WIP_REQUIREMENT_OPS_INQ_V

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- WIP_SHOP_FLOOR_STATUSES_V
- WIP_SO_ALLOCATIONS_V
- WIP_TRANSACTIONS_V

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Internal View List

This section lists each private, internal view that Work in Process uses.

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

Work in Process uses the following internal views:

- CST_GL_TRANSLATION_VIEW
- CST_ITEM_COSTS_FOR_GL_VIEW
- MTL_ITEM_QUANTITIES_VIEW
- MTL_TRANSACTION_LOTS_VIEW
- PO_VENDORS_VIEW
- WIP_ACTIVE_DISCRETE_JOBS_VAL_V
- WIP_COMMENT_CODES_V
- WIP_COMP_SALES_ORDERS_VAL_V
- WIP_CUR_NET_AVAILABLE_VIEW
- WIP_CUR_SUB_LOC_NET_AVAIL_VIEW
- WIP_DEF_CAT_ACC_CLASSES_V
- WIP_DISCRETE_CLASSES_ALL_V
- WIP_DISCRETE_JOBS_ALL_V
- WIP_DISC_INTRAOP_STEPS_VAL_V
- WIP_ENTITY_COMMENTS_V
- WIP_FIRST_ACTIVE_SCHEDULE_V
- WIP_FIRST_OPEN_SCHEDULE_V
- WIP_FIRST_TXN_SCHEDULE_V
- WIP_FLOW_SCHEDULES_V
- WIP_JOBS_AND_SCHEDULES_V
- WIP_JOB_ASSY_LINE_V
- WIP_JOB_LOT_COMPOSITION_V
- WIP_LINES_ALL_V
- WIP_LINES_VAL_V
- WIP_NET_AVAILABLE_VIEW

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- WIP_NON_STANDARD_CLASSES_VAL_V
- WIP_ON_DISCRETE_JOBS_V
- WIP_OPEN_DISCRETE_JOBS_VAL_V
- WIP_OPEN_SCHEDULES_VAL_V
- WIP_OPERATIONS_ALL_V
- WIP_OPERATION_INSTRUCTIONS_V
- WIP_OSP_DEST_OPERATION_V
- WIP_OSP_JOBS_VAL_V
- WIP_OSP_LINES_VAL_V
- WIP_OSP_OPERATIONS_VAL_V
- WIP_OSP_REP_ASSY_VAL_V
- WIP_OSP_REP_SCHED_VAL_V
- WIP_OSP_RESOURCES_VAL_V
- WIP_REPETITIVE_CLASSES_VAL_V
- WIP_REPETITIVE_ENTITIES_V
- WIP_REP_ASSY_VAL_V
- WIP_REP_INTRAOP_STEPS_VAL_V
- WIP_REP_QUANTITY_SCRAPPED_V
- WIP_RES_UNITS_WORKED_VIEW
- WIP_RET_SALES_ORDERS_VAL_V
- WIP_SALES_ORDER_LINES_V
- WIP_SCHEDULE_GROUPS_VAL_V
- WIP_SCHEDULING_ERRORS_V
- WIP_SHOP_FLOOR_STATUSES_VAL_V
- WIP_STANDARD_CLASSES_VAL_V
- WIP_SUB_LOC_NET_AVAIL_VIEW
- WIP_TXN_DISCRETE_JOBS_VAL_V
- WIP_TXN_REP_ASSY_VAL_V
- WIP_TX_REP_INTRAOP_STEPS_VAL_V

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Single Organization View List

Multi–Organization Support is a feature that allows you to implement multiple sets of books within a single installation of Oracle Payables, Oracle Receivables, Oracle Purchasing, Oracle Order Management, and Oracle 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, and renamed these tables to end with the suffix _ALL. Then, to take the place of the renamed table, we created 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*

Work in Process uses the following Single Organization views:

- PO_REQUISITIONS_INTERFACE

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Module List

This section lists each form, report and concurrent program comprising Oracle Work In Process.

Forms

INVTMSMG	Start Managers
INVTTELT	Lot Number Entry
INVTTESR	Serial Number Entry
WIPDJMDF	Define, Simulate, Close, Purge, or View Discrete Jobs
WIPJSINT	Pending Jobs and Schedules
WIPMRMDF	Material Requirements
WIPMRQAW	View Material Requirements
WIPOPMDF	Operations
WIPOPQAW	View Operations
WIPPURGE	Purge Discrete Jobs or Repetitive Schedules
WIPREMAL	Associate Lines and Assemblies
WIPREMDF	Repetitive Schedules
WIPREMLN	Production Lines
WIPRRQAW	View Resource Requirements
WIPSGMDF	Schedule Groups
WIPSTMSC	Assign Shop Floor Statuses
WIPSUMCL	WIP Accounting Classes
WIPSUMLR	Employee Labor Rates
WIPSUMPM	Work in Process Parameters
WIPSUMST	Shop Floor Statuses
WIPTICOM	Components Common to WIPTIRSC and WIPTISFM
WIPTIRSC	Find Pending Resource Transactions
WIPTISFM	Pending Move Transactions
WIPTQJLC	Job Lot Compositions
WIPTQRSC	View Resource Transactions
WIPTQSFM	View Move Transactions

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WIPTXCFM	Work Order–less Completions
WIPTXCMP	Completion Transactions
WIPTXCOM	Common Transaction Form Components
WIPTXMAT	WIP Material Transactions
WIPTXRSC	Resource Transactions
WIPTXSFM	Move Transactions

Reports

CRPRRBOR	Bill of Resources Report
WIPDJATO	Assemble To Order Mass Load Report
WIPDJDAT	Discrete Job Data Report
WIPDJDSP	Discrete Job Dispatch Report
WIPDJLIS	Discrete Job Listing
WIPDJORQ	Discrete Job Shortage Report
WIPDJPCK	Discrete Job Pick List Report
WIPDJRTG	Discrete Job Routing Sheet
WIPLBOSP	WIP Outside Processing Report
WIPLBPER	Resource Performance Report
WIPMLINT	Job and Schedule Interface Report
WIPMTDLT	Job Lot Composition Report
WIPMTLCT	WIP Location Report
WIPRDJVR	Discrete Job Value Report
WIPREDAT	Repetitive Schedule Data Report
WIPREJVR	Expense Job Value Report
WIPRELIN	Repetitive Line Report
WIPREORQ	Repetitive Schedule Shortage Report
WIPREPCK	Repetitive Pick List Report
WIPRERTG	Repetitive Routing Sheet
WIPREVAL	Repetitive Value Report
WIPSGLIS	Schedule Group Listing Report
WIPSUCLS	WIP Accounting Classes Report

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WIPSUEMP	Employee Rates Listing
WIPSULIN	Production Line Report
WIPSUPMT	WIP Parameters Report
WIPSUSTA	Shop Floor Statuses Report
WIPTRTXN	Resource Transaction Report
WIPTSMOV	Move Transaction Report
WIPUTACD	WIP Account Distribution Report
WIPUTACS	WIP Account Summary Report
WIPUTOAC	WIP Offsetting Account Report
WIPUTVAL	WIP Value Report

Concurrent Programs

BMCCLT	Roll up cumulative leadtimes
CMCCTM	Resource Cost Transaction Manager
CMCCTW	Resource Cost Transaction Worker
INCTCM	Process transaction interface
INCTSN	Initialize serial numbers for inventory items
WICDCL	Close discrete jobs
WICDOL	Create final assembly work orders
WICMEX	Load discrete jobs concurrently
WICMLX	Process WIP Open Job and Schedule Interface requests

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CHAPTER

3

Detailed Design

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

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Overview of Detailed Design

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

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

- Convert existing application data
- Integrate your Work in Process 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 Work in Process 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 Work in Process application contains, and how it uses them to hold and access the information it needs.

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Table and View Definitions

This section contains a detailed description of each Oracle Work in Process 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 Work in Process uses.

The following sections appear in each table or view description:

Foreign Keys

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

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

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

QuickCodes Columns

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

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

Column Descriptions

We list the important characteristics of each column in a table or view. These characteristics include whether the column is part of the table's primary key, whether Oracle8i requires a value for this column, and the data type of the column. We also give you a brief description of how Oracle Work in Process 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 Work in Process 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 Work in Process does not use this column, although the column might be used in a future release.
No longer used	Oracle Work in Process no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Work in Process might not include this column.
No longer installed	Oracle Work in Process 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 Work in Process, you do not have this column.

Standard Who Columns

Most Oracle Work in Process 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

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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 Work in Process 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

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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 Work in Process 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 Work in Process.

Sequences

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

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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

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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

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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

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Database Triggers

```
    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.
```

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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

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Indexes (Continued)

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

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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

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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

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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

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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

Indexes

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

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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 lead times.

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

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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

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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

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Column Descriptions (Continued)

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

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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

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.

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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
CFM_ROUTING_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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	Continuous 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

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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

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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
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
ACTIVITY_ID	NULL	NUMBER	Activity identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
STANDARD_RATE_FLAG	NOT NULL	NUMBER	Use standard rate for shop floor 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 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

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

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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

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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)

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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 beginning 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

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

Sequences

Sequence	Derived Column
BOM_OPERATION_SEQUENCES_S	OPERATION_SEQUENCE_ID

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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 existing 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

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Column Descriptions (Continued)

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

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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

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QuickCodes Columns (Continued)

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

Column Descriptions

Name	Null?	Type	Description
RESOURCE_ID (PK)	NOT NULL	NUMBER	Resource unique identifier
RESOURCE_CODE	NOT NULL	VARCHAR2(10)	Resource code
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(240)	Description
DISABLE_DATE	NULL	DATE	Disable date
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost element identifier
PURCHASE_ITEM_ID	NULL	NUMBER	Purchase item identifier
COST_CODE_TYPE	NOT NULL	NUMBER	Cost code type
FUNCTIONAL_CURRENCY_FLAG	NOT NULL	NUMBER	Unit of measure is functional currency
UNIT_OF_MEASURE	NULL	VARCHAR2(3)	Unit of measure
DEFAULT_ACTIVITY_ID	NULL	NUMBER	Default activity identifier
RESOURCE_TYPE	NULL	NUMBER	Resource type
AUTOCHARGE_TYPE	NULL	NUMBER	Autocharge for shop floor transaction
STANDARD_RATE_FLAG	NULL	NUMBER	Use standard rate for shop floor transaction
DEFAULT_BASIS_TYPE	NULL	NUMBER	Default basis
ABSORPTION_ACCOUNT	NULL	NUMBER	Absorption account
ALLOW_COSTS_FLAG	NOT NULL	NUMBER	Allow costs to be defined
RATE_VARIANCE_ACCOUNT	NULL	NUMBER	Rate variance account
EXPENDITURE_TYPE	NULL	VARCHAR2(30)	Expenditure type
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column

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Column Descriptions (Continued)

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

Indexes

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

Sequences

Sequence	Derived Column
BOM_RESOURCES_S	RESOURCE_ID

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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

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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

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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

Indexes

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

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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

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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

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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

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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

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

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```
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.

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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

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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 shop floor 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.

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

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

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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

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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

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
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

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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

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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

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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

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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

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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	NOT NULL	NUMBER	Cost group type based on the CST_COST_GROUP_TYPE lookup type

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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

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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

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Column Descriptions (Continued)

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

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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

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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

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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

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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

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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

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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

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

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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 2	LEGAL_ENTITY COST_TYPE_ID
CST_PAC_PERIODS_U1	UNIQUE	1	PAC_PERIOD_ID

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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

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
CST_RESOURCE_COSTS_U2	UNIQUE	1	ORGANIZATION_ID
		2	COST_TYPE_ID
		3	RESOURCE_ID

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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

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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

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ENG_REVISED_ITEMS

ENG_REVISED_ITEMS stores information about the revised items on an engineering change order. It is a child table of ENG_ENGINEERING_CHANGES. Since each ECO may have more than one revised item that refers to the same bill, the column REVISED_ITEM_SEQUENCE_ID is used to differentiate between multiple occurrences of the same item on an ECO.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	BILL_SEQUENCE_ID	BILL_SEQUENCE_ID
ENG_ENGINEERING_CHANGES	ORGANIZATION_ID CHANGE_NOTICE	ORGANIZATION_ID CHANGE_NOTICE
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	ORGANIZATION_ID INVENTORY_ITEM_ID	ORGANIZATION_ID REVISED_ITEM_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	USE_UP_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACD_TYPE	ECG_ACTION	MFG_LOOKUPS
	1	Add
	2	Change
	3	Disable
DISPOSITION_TYPE	ECG_MATERIAL_DISPOSITION	MFG_LOOKUPS
	1	No change required
	10	Exhaust on serial number
	2	Scrap WIP and inventory
	3	Scrap only inventory
	4	Scrap only WIP
	5	Rework inventory and WIP
	6	Rework only inventory
	7	Rework only WIP
	8	Exhaust WIP and inventory
	9	Exhaust only WIP
MRP_ACTIVE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
STATUS_TYPE	ECG_ECN_STATUS	MFG_LOOKUPS
	1	Open
	2	Hold
	4	Scheduled
	5	Cancelled
	6	Implemented
	7	Released
UPDATE_WIP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
USE_UP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	2	No

Column Descriptions

Name	Null?	Type	Description
CHANGE_NOTICE	NOT NULL	VARCHAR2(10)	Engineering change order number
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
REVISED_ITEM_ID	NOT NULL	NUMBER	Revised 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
IMPLEMENTATION_DATE	NULL	DATE	Implementation date of the revised item
DESCRIPTIVE_TEXT	NULL	VARCHAR2(240)	Descriptive text
CANCELLATION_DATE	NULL	DATE	Cancellation date of the revised item
CANCEL_COMMENTS	NULL	VARCHAR2(240)	Cancellation comments
DISPOSITION_TYPE	NOT NULL	NUMBER	Disposition type (information purposes only)
NEW_ITEM_REVISION	NULL	VARCHAR2(3)	New revision of the revised item
AUTO_IMPLEMENT_DATE	NULL	DATE	Date that the revised item was scheduled for auto implementation
EARLY_SCHEDULE_DATE	NULL	DATE	Early effective 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
STATUS_TYPE	NOT NULL	NUMBER	Status of the revised item
SCHEDULED_DATE	NOT NULL	DATE	Effective date of the revised item
BILL_SEQUENCE_ID	NULL	NUMBER	Bill of material unique identifier
MRP_ACTIVE	NOT NULL	NUMBER	Flag indicating whether the revised item is available to MRP
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
UPDATE_WIP	NOT NULL	NUMBER	Flag indicating whether or not to update repetitive schedules and unreleased discrete jobs in WIP when the revised item is implemented
USE_UP	NOT NULL	NUMBER	Flag indicating whether or not the use up date for an item is being used as the effective date for the revised item
USE_UP_ITEM_ID	NULL	NUMBER	Identifier of the use up item
REVISED_ITEM_SEQUENCE_ID (PK)	NOT NULL	NUMBER	Unique identifier of a revised item
USE_UP_PLAN_NAME	NULL	VARCHAR2(10)	Use up plan name
FROM_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	From End Item Unit Number
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
ENG_REVISED_ITEMS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	CHANGE_NOTICE
		3	REVISED_ITEM_ID
ENG_REVISED_ITEMS_N2	NOT UNIQUE	1	BILL_SEQUENCE_ID
ENG_REVISED_ITEMS_N3	NOT UNIQUE	1	REVISED_ITEM_ID
ENG_REVISED_ITEMS_U2	UNIQUE	1	REVISED_ITEM_SEQUENCE_ID
ENG_REVISED_ITEMS_U3	UNIQUE	1	ORGANIZATION_ID
		2	CHANGE_NOTICE
		3	REVISED_ITEM_ID
		4	NEW_ITEM_REVISION
		5	SCHEDULED_DATE
		6	FROM_END_ITEM_UNIT_NUMBER

Sequences

Sequence	Derived Column
ENG_REVISED_ITEMS_S	REVISED_ITEM_SEQUENCE_ID

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FINANCIALS_SYSTEM_PARAMS_ALL

FINANCIALS_SYSTEM_PARAMETERS_ALL contains options and defaults you share between your Oracle Payables application, and your Oracle Purchasing and Oracle Assets applications. You can define these options and defaults according to the way you run your business. This table corresponds to the Financials Options window. There is only one row in this table. There is no primary key for this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TERMS_TL	TERM_ID	TERMS_ID
FND_CURRENCIES	CURRENCY_CODE	INVOICE_CURRENCY_CODE
FND_CURRENCIES	CURRENCY_CODE	PAYMENT_CURRENCY_CODE
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ACCTS_PAY_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	PREPAY_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DISC_TAKEN_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RES_ENCUMB_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RATE_VAR_CODE_COMBINATION_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RATE_VAR_GAIN_CCID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RATE_VAR_LOSS_CCID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	FUTURE_DATED_PAYMENT_CCID
GL_ENCUMBRANCE_TYPES	ENCUMBRANCE_TYPE_ID	REQ_ENCUMBRANCE_TYPE_ID
GL_ENCUMBRANCE_TYPES	ENCUMBRANCE_TYPE_ID	PURCH_ENCUMBRANCE_TYPE_ID
GL_ENCUMBRANCE_TYPES	ENCUMBRANCE_TYPE_ID	INV_ENCUMBRANCE_TYPE_ID
GL_SETS_OF_BOOKS	SET_OF_BOOKS_ID	SET_OF_BOOKS_ID
HR_LOCATIONS_ALL	LOCATION_ID	BILL_TO_LOCATION_ID
HR_LOCATIONS_ALL	LOCATION_ID	SHIP_TO_LOCATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
MANUAL_VENDOR_NUM_TYPE	MANUAL VENDOR NUMBER	AP_LOOKUP_CODES
	ALPHANUMERIC	Alphanumeric number
	NUMERIC	Numeric number
MATCH_OPTION	MATCH_OPTION	AP_LOOKUP_CODES
	P	Match to Purchase Order
	R	Match to Receipt
PAYMENT_METHOD_LOOKUP_CODE	PAYMENT METHOD	AP_LOOKUP_CODES
	CHECK	Check
	CLEARING	Clearing
	EFT	Electronic
	WIRE	Wire
PAY_DATE_BASIS_LOOKUP_CODE	PAY DATE BASIS	AP_LOOKUP_CODES
	DISCOUNT	Pay on discount date
	DUE	Pay on due date
TERMS_DATE_BASIS	TERMS DATE BASIS	AP_LOOKUP_CODES
	Current	Current date
	Goods Received	Goods received date
	Invoice	Invoice date
	Invoice Received	Invoice received date
USER_DEFINED_VENDOR_NUM_CODE	VENDOR NUMBER ENTRY	AP_LOOKUP_CODES

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	AUTOMATIC	Automatic entry of numbers
	MANUAL	Manual entry of numbers
EXPENSE_CHECK_ADDRESS_FLAG	HOME_OFFICE	FND_COMMON_LOOKUPS
	H	Home
	O	Office
FOB_LOOKUP_CODE	FOB	AR_LOOKUPS

Column Descriptions

Name	Null?	Type	Description
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
SET_OF_BOOKS_ID	NOT NULL	NUMBER(15)	Set of books identifier
PAYMENT_METHOD_LOOKUP_CODE	NOT NULL	VARCHAR2(25)	Payment method default used during supplier entry
USER_DEFINED_VENDOR_NUM_CODE	NULL	VARCHAR2(25)	Method of entering supplier numbers
VENDOR_NUM_START_NUM	NULL	NUMBER	Next automatic supplier number (Oracle Payables applications update as you enter suppliers)
SHIP_TO_LOCATION_ID	NULL	NUMBER(15)	Ship–to location identifier, default used during supplier entry
BILL_TO_LOCATION_ID	NULL	NUMBER(15)	Bill–to location identifier, default used during supplier entry
SHIP_VIA_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of shipping method, default used during supplier entry
FOB_LOOKUP_CODE	NULL	VARCHAR2(25)	Type of free on board, default used during supplier entry
TERMS_ID	NULL	NUMBER(15)	Payment terms identifier, default used during supplier entry
ALWAYS_TAKE_DISC_FLAG	NULL	VARCHAR2(1)	Flag that indicates if available discount for a supplier will be taken, regardless of when the invoice is paid (Y or N), default used during supplier entry
PAY_DATE_BASIS_LOOKUP_CODE	NULL	VARCHAR2(25)	Basis Oracle Payables applications use for selecting invoices for payment (DUE or DISCOUNT), default used during supplier entry
INVOICE_CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code for invoices, default used during supplier entry
PAYMENT_CURRENCY_CODE	NULL	VARCHAR2(15)	Currency code for payments, default used during supplier entry
ACCTS_PAY_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for the accounts payable liability account, default used during supplier entry
PREPAY_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for the prepayment account, default used during supplier entry
DISC_TAKEN_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for the discount taken account

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Column Descriptions (Continued)

Name	Null?	Type	Description
FUTURE_PERIOD_LIMIT	NULL	NUMBER(3)	Maximum number of future periods allowed
RESERVE_AT_COMPLETION_FLAG	NULL	VARCHAR2(1)	Flag that indicates if Oracle Purchasing creates an encumbrance journal entry when a requisition is entered (Y) or when the requisition is approved (N)
RES_ENCUMB_CODE_COMBINATION_ID	NULL	NUMBER(15)	Accounting Flexfield identifier for the reserve for encumbrance account
REQ_ENCUMBRANCE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if Oracle Purchasing will create an encumbrance journal entry when a purchase requisition is created (Y or N)
REQ_ENCUMBRANCE_TYPE_ID	NULL	NUMBER(15)	Requisition encumbrance type identifier
PURCH_ENCUMBRANCE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if Oracle Purchasing will create an encumbrance journal entry when a purchase order is created
PURCH_ENCUMBRANCE_TYPE_ID	NULL	NUMBER(15)	Purchase order encumbrance type identifier
INV_ENCUMBRANCE_TYPE_ID	NULL	NUMBER(15)	Identifier for encumbrance type assigned to invoice encumbrances
MANUAL_VENDOR_NUM_TYPE	NULL	VARCHAR2(25)	Type of supplier number Oracle Payables uses for either automatic or manual supplier number entry
INVENTORY_ORGANIZATION_ID	NULL	NUMBER(15)	Inventory organization identifier
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER(15)	Standard Who column
FREIGHT_TERMS_LOOKUP_CODE	NULL	VARCHAR2(25)	Freight terms
RFQ_ONLY_SITE_FLAG	NULL	VARCHAR2(1)	Flag that indicates if supplier site is a RFQ only site
RECEIPT_ACCEPTANCE_DAYS	NULL	NUMBER(15)	Number of days in receipt acceptance period
BUSINESS_GROUP_ID	NULL	NUMBER(15)	Business group identifier associated with Oracle Purchasing
EXPENSE_CHECK_ADDRESS_FLAG	NULL	VARCHAR2(30)	Employee address for expense checks (H for home or O for office), default used during employee entry
TERMS_DATE_BASIS	NULL	VARCHAR2(25)	Date Oracle Payables uses together with payment terms and invoice amount to create an invoice scheduled payment, default used during supplier entry
USE_POSITIONS_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether you use approval hierarchies that are based on the positions you define for employees
RATE_VAR_CODE_COMBINATION_ID	NULL	NUMBER(15)	Not used
HOLD_UNMATCHED_INVOICES_FLAG	NULL	VARCHAR2(1)	Default Hold Unmatched Invoices value for supplier (Y or N)

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXCLUSIVE_PAYMENT_FLAG	NULL	VARCHAR2(1)	Default Pay Alone value for suppliers; defaults from supplier to invoices for supplier
REVISION_SORT_ORDERING	NULL	NUMBER	Not used
VAT_REGISTRATION_NUM	NULL	VARCHAR2(20)	Value–Added Tax registration number for your organization
VAT_COUNTRY_CODE	NULL	VARCHAR2(15)	European Union (EU)) member state for your organization
RATE_VAR_GAIN_CCID	NULL	NUMBER(15)	Accounting Flexfield identifier for account used to record exchange rate gains for invoices matched to purchase orders
RATE_VAR_LOSS_CCID	NULL	NUMBER(15)	Accounting Flexfield identifier for account used to record exchange rate losses for invoices matched to purchase orders
ORG_ID	NULL	NUMBER(15)	Organization identifier
BANK_CHARGE_BEARER	NULL	VARCHAR2(1)	Bank charge bearer
VAT_CODE	NULL	VARCHAR2(15)	Value–added tax code
MATCH_OPTION	NULL	VARCHAR2(25)	Flag to indicate whether to match invoices to purchase orders (P) or receipts (R)
NON_RECOVERABLE_TAX_FLAG	NULL	VARCHAR2(1)	Y or N indicates if non–recoverable tax is enabled or disabled in the system
TAX_ROUNDING_RULE	NULL	VARCHAR2(30)	Default rounding rule for tax calculation (Up, Down, Nearest)
PRECISION	NULL	NUMBER(1)	Precision. Used for Automatic Tax Calculation
MINIMUM_ACCOUNTABLE_UNIT	NULL	NUMBER	Minimum accountable unit. Used for Automatic Tax Calculation
DEFAULT_RECOVERY_RATE	NULL	NUMBER	Default recovery rate for tax codes. Only used if partially recoverable tax is enabled
CASH_BASIS_ENC_NR_TAX	NULL	VARCHAR2(30)	Flag that indicates if the recoverable portion of tax should be encumbered in the Cash set of books (Y or N)
FUTURE_DATED_PAYMENT_CCID	NULL	NUMBER(15)	Accounting Flexfield identifier for future dated payment account default for Suppliers and Bank accounts

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FND_CURRENCIES

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXTENDED_PRECISION	NULL	NUMBER(2)	Extended precision
SYMBOL	NULL	VARCHAR2(4)	The symbol denoting the currency
START_DATE_ACTIVE	NULL	DATE	The date when the currency code becomes active
END_DATE_ACTIVE	NULL	DATE	The date the currency code expires
MINIMUM_ACCOUNTABLE_UNIT	NULL	NUMBER	Minimum accountable unit for the currency
CONTEXT	NULL	VARCHAR2(80)	Attribute category for the currency
ISO_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether or not the currency is defined in ISO–4217
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country–specific functionality

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Column Descriptions (Continued)

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

Indexes

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

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FND_DUAL

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

Column Descriptions

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

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GL_CODE_COMBINATIONS

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

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

The Oracle Application Object Library table FND_ID_FLEX_SEGMENTS stores information about which column in this table is used for each segment of each Accounting Flexfield structure. Summary accounts have SUMMARY_FLAG = 'Y' and TEMPLATE_ID not NULL. Detail accounts have SUMMARY_FLAG = 'N' and TEMPLATE_ID NULL.

Foreign Keys

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

QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
END_DATE_ACTIVE	NULL	DATE	Date after which key flexfield combination is invalid
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flex context column
SEGMENT_ATTRIBUTE1	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE2	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE3	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE4	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE5	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE6	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE7	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE8	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE9	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE10	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE11	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE12	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE13	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE14	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE15	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE16	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE17	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE18	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE19	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE20	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE21	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE22	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment
SEGMENT_ATTRIBUTE23	NULL	VARCHAR2(60)	Reporting attribute key flexfield segment

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Column Descriptions (Continued)

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

Indexes

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

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Sequences

Sequence	Derived Column
GL_CODE_COMBINATIONS_S	CODE_COMBINATION_ID

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GL_SETS_OF_BOOKS

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

Foreign Keys

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

QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
NET_INCOME_CODE_COMBINATION_ID	NULL	NUMBER(15)	Net income key flexfield defining column
ROUNDING_CODE_COMBINATION_ID	NULL	NUMBER(15)	Rounding imbalances key flexfield defining column
TRANSACTION_CALENDAR_ID	NULL	NUMBER(15)	Transaction Calendar defining column
DAILY_TRANSLATION_RATE_TYPE	NULL	VARCHAR2(30)	The rate type to be used for translation of average balances
EARLIEST_UNTRANS_PERIOD_NAME	NULL	VARCHAR2(15)	No longer used
DESCRIPTION	NULL	VARCHAR2(240)	Accounting books description
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CONTEXT	NULL	VARCHAR2(150)	Descriptive flexfield context
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality

Indexes

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

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Sequences

Sequence	Derived Column
GL_SETS_OF_BOOKS_S	SET_OF_BOOKS_ID

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MRP_DESIGNATORS

MRP_DESIGNATORS stores MRP plan names. A plan name uniquely identifies an MRP Plan. This table is populated by the Define MRP Names form.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FEEDBACK_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PRODUCTION	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
COMPILE_DESIGNATOR (PK)	NOT NULL	VARCHAR2(10)	MPS, MRP or DRP plan 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)	Designator description
DISABLE_DATE	NULL	DATE	Designator disable date
FEEDBACK_FLAG	NOT NULL	NUMBER	Perform feedback
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
USE_NEW_PLANNER	NULL	NUMBER	Use new planner code

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Column Descriptions (Continued)

Name	Null?	Type	Description
ORGANIZATION_SELECTION	NULL	NUMBER	Organization Selection
DRP_PLAN	NULL	NUMBER	DRP plan
PRODUCTION	NULL	NUMBER	Production flag for auto release

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_DESIGNATORS_U1	UNIQUE	1	COMPILE_DESIGNATOR
		2	ORGANIZATION_ID

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MRP_PLANS

MRP_PLANS stores the settings that determine the behavior of the planning process for a given plan name. Each row stores information for a particular plan name.

There are two sets of columns for a given setting. The columns that begin with ”CURR” store the current value for that setting, or the value that will be used the next time the plan is run. The corresponding columns that do not begin with ”CURR” store the setting that was used the last time the plan was run. The values are copied from the first set of columns to the second set during the Snapshot and Planner processes.

The columns CURRENT_PLANNER_LEVEL and PLANNER_BATCH_NUMBER are used by the Planner to coordinate the planning of items by the Planner Workers running in parallel.

This table is populated by the Launch Planning Process form.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_ASSIGNMENT_SETS	ASSIGNMENT_SET_ID	ASSIGNMENT_SET_ID
MRP_DESIGNATORS	COMPILE_DESIGNATOR ORGANIZATION_ID	COMPILE_DESIGNATOR ORGANIZATION_ID
MRP_SCHEDULE_DESIGNATORS	SCHEDULE_DESIGNATOR ORGANIZATION_ID	CURR_SCHEDULE_DESIGNATOR ORGANIZATION_ID
MRP_SCHEDULE_DESIGNATORS	SCHEDULE_DESIGNATOR ORGANIZATION_ID	SCHEDULE_DESIGNATOR ORGANIZATION_ID
MRP_SCHEDULE_DESIGNATORS	ORGANIZATION_ID SCHEDULE_DESIGNATOR	ORGANIZATION_ID COMPILE_DESIGNATOR

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPEND_PLANNED_ORDERS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CONSIDER_PO	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CONSIDER_RESERVATIONS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CONSIDER_WIP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_APPEND_PLANNED_ORDERS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_CONSIDER_PO	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
CURR_CONSIDER_RESERVATIONS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_CONSIDER_WIP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_DEMAND_TIME_FENCE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_FULL_PEGGING	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_OPERATION_SCHEDULE_TYPE	MRP_OPERATION	MFG_LOOKUPS
	1	Operation start date
	2	Order start date
CURR_OVERWRITE_OPTION	MRP_PLAN_OVERWRITE	MFG_LOOKUPS
	1	All
	2	Outside planning time fence
	3	None
CURR_PART_INCLUDE_TYPE	MRP_PART_INCLUDE_TYPE	MFG_LOOKUPS
	1	All planned items
	2	MDS/MPS components only
	3	MDS/MPS and WIP components only
CURR_PLANNING_TIME_FENCE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_PLAN_SAFETY_STOCK	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_PLAN_TYPE	MRP_PLAN_TYPE	MFG_LOOKUPS
	1	MRP
	2	MPS
	3	DRP
CURR_RESCHED_ASSUMPTION	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_SCHEDULE_TYPE	MRP_SCHEDULE_TYPE	MFG_LOOKUPS
	1	MDS – master demand schedule
	2	MPS – master production schedule
CURR_SNAPSHOT_LOCK	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_SOFT_SUGGESTION_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CURR_TIME_FENCE_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
DEMAND_TIME_FENCE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
FULL_PEGGING	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
OPERATION_SCHEDULE_TYPE	MRP_OPERATION	MFG_LOOKUPS
	1	Operation start date
	2	Order start date
OVERWRITE_OPTION	MRP_PLAN_OVERWRITE	MFG_LOOKUPS
	1	All
	2	Outside planning time fence
	3	None
PART_INCLUDE_TYPE	MRP_PART_INCLUDE_TYPE	MFG_LOOKUPS
	1	All planned items
	2	MDS/MPS components only
	3	MDS/MPS and WIP components only
PLANNING_TIME_FENCE_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PLAN_SAFETY_STOCK	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PLAN_TYPE	MRP_PLAN_TYPE	MFG_LOOKUPS
	1	MRP
	2	MPS
	3	DRP
RESCHED_ASSUMPTION	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SCHEDULE_TYPE	MRP_SCHEDULE_TYPE	MFG_LOOKUPS
	1	MDS – master demand schedule
	2	MPS – master production schedule
SNAPSHOT_LOCK	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SOFT_SUGGESTION_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
TIME_FENCE_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
UPDATE_BOM	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
USE_NEW_PLANNER	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

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Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
COMPILE_DESIGNATOR (PK)	NOT NULL	VARCHAR2(10)	MPS, MRP or DRP plan 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
CURR_SCHEDULE_DESIGNATOR	NULL	VARCHAR2(10)	Current schedule designator code
CURR_OPERATION_SCHEDULE_TYPE	NOT NULL	NUMBER	Current lead time offset type
CURR_PLAN_TYPE	NOT NULL	NUMBER	Current planning type code (MRP or MPS)
CURR_OVERWRITE_OPTION	NOT NULL	NUMBER	Current value of whether to overwrite the existing plan
CURR_APPEND_PLANNED_ORDERS	NOT NULL	NUMBER	Current value of whether or not to append planned orders at the the end of the plan
CURR_SCHEDULE_TYPE	NULL	NUMBER	Current schedule type
CURR_CUTOFF_DATE	NOT NULL	DATE	Current cutoff date
CURR_PART_INCLUDE_TYPE	NOT NULL	NUMBER	Current include all parts on only msed
CURR_PLANNING_TIME_FENCE_FLAG	NOT NULL	NUMBER	Current consider planning time fences
CURR_DEMAND_TIME_FENCE_FLAG	NOT NULL	NUMBER	Current consider demand time fences
CURR_CONSIDER_RESERVATIONS	NOT NULL	NUMBER	Current plan material reservations
CURR_PLAN_SAFETY_STOCK	NOT NULL	NUMBER	Current plan safety stock
CURR_CONSIDER_WIP	NOT NULL	NUMBER	Current consider work in process
CURR_CONSIDER_PO	NOT NULL	NUMBER	Current consider purchase orders
CURR_SNAPSHOT_LOCK	NOT NULL	NUMBER	Current value of the flag that determines whether the Snapshot tries to lock tables
COMPILE_DEFINITION_DATE	NOT NULL	DATE	Compile definition date
SCHEDULE_DESIGNATOR	NULL	VARCHAR2(10)	Master schedule identifier
OPERATION_SCHEDULE_TYPE	NULL	NUMBER	Lead time offset type
PLAN_TYPE	NULL	NUMBER	Planning type code (MRP or MPS)
OVERWRITE_OPTION	NULL	NUMBER	Whether to overwrite the existing plan
APPEND_PLANNED_ORDERS	NULL	NUMBER	Whether or not to append planned orders at the the end of the plan
SCHEDULE_TYPE	NULL	NUMBER	Schedule type
CUTOFF_DATE	NULL	DATE	Cutoff date
PART_INCLUDE_TYPE	NULL	NUMBER	Include all parts on only msed
PLANNING_TIME_FENCE_FLAG	NULL	NUMBER	Consider planning time fences
DEMAND_TIME_FENCE_FLAG	NULL	NUMBER	Consider demand time fences
CONSIDER_RESERVATIONS	NULL	NUMBER	Plan material reservations
PLAN_SAFETY_STOCK	NULL	NUMBER	Plan safety stock
CONSIDER_WIP	NULL	NUMBER	Consider work in process
CONSIDER_PO	NULL	NUMBER	Consider purchase orders
SNAPSHOT_LOCK	NULL	NUMBER	Flag to determine whether the Snapshot should try to lock tables
EXPLOSION_START_DATE	NULL	DATE	Explosion start date and time

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXPLOSION_COMPLETION_DATE	NULL	DATE	Explosion completion date and time
DATA_START_DATE	NULL	DATE	Data snapshot start date and time
DATA_COMPLETION_DATE	NULL	DATE	Data snapshot completion date and time
PLAN_START_DATE	NULL	DATE	Planner start date and time
CRP_PLAN_COMPLETION_DATE	NULL	DATE	CRP planner completion date and time
PLAN_COMPLETION_DATE	NULL	DATE	Planner completion date and time
CRP_PLAN_START_DATE	NULL	DATE	CRP planner start date and time
CURRENT_PLANNER_LEVEL	NULL	NUMBER	Level currently being planned by the MRP Planner Workers
PLANNER_BATCH_NUMBER	NULL	NUMBER	Batch number currently being planned by the Planner Workers
DESCRIPTION	NULL	VARCHAR2(50)	Compile description
UPDATE_BOM	NULL	NUMBER	Should the Snapshot update the MRP_PENDING_ENG_CHANGES and operation offset % information (Internal use only)
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class
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
CURR_RESCHED_ASSUMPTION	NULL	NUMBER	Not currently used
RESCHED_ASSUMPTION	NULL	NUMBER	Not currently used
CURR_USER_PLAN_START_DATE	NULL	DATE	Not currently used
USER_PLAN_START_DATE	NULL	DATE	Not currently used
ONLINE_PLANNER_START_DATE	NULL	DATE	Not currently used
ONLINE_PLANNER_COMPLETION_DATE	NULL	DATE	Not currently used
USE_NEW_PLANNER	NULL	NUMBER	Not currently used
CURR_FULL_PEGGING	NULL	NUMBER	
FULL_PEGGING	NULL	NUMBER	Not currently used
ASSIGNMENT_SET_ID	NULL	NUMBER	Not currently used
CURR_ASSIGNMENT_SET_ID	NULL	NUMBER	Not currently used
ORGANIZATION_SELECTION	NULL	NUMBER	Organization Selection
CURR_RESERVATION_LEVEL	NULL	NUMBER	Current value of reservation level

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Column Descriptions (Continued)

Name	Null?	Type	Description
CURR_HARD_PEGGING_LEVEL	NULL	NUMBER	Current value of hard pegging level
RESERVATION_LEVEL	NULL	NUMBER	Plan level option which indicates at what level MRP will reserve supply against demand
HARD_PEGGING_LEVEL	NULL	NUMBER	Plan level option that determines the pegging granularity of planned orders
CURR_PLAN_CAPACITY_FLAG	NULL	NUMBER	Current value of plan capacity flag
CURR_SIMULATION_SET	NULL	VARCHAR2(10)	Current simulation set identifier
CURR_BILL_OF_RESOURCES	NULL	VARCHAR2(10)	Current Bill of resource code
PLAN_CAPACITY_FLAG	NULL	NUMBER	Flag to indicate whether to plan capacity requirements
SIMULATION_SET	NULL	VARCHAR2(10)	Simulation set identifier
BILL_OF_RESOURCES	NULL	VARCHAR2(10)	Bill of resource code
MIN_WF_EXCEPT_ID	NULL	NUMBER	Minimum exception ID
MAX_WF_EXCEPT_ID	NULL	NUMBER	Maximum exception ID

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_PLANS_U1	UNIQUE	1	COMPILE_DESIGNATOR
		2	ORGANIZATION_ID

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MRP_RECOMMENDATIONS

MRP_RECOMMENDATIONS stores Oracle Master Scheduling / MRP's suggestions for a given plan. Each purchase order, purchase requisition, purchase order in receiving, discrete job, nonstandard job, intransit shipment, intransit receipt, planned order and suggested repetitive schedule will have a corresponding row in MRP_RECOMMENDATIONS. The NEW_ORDER_QUANTITY and NEW_SCHEDULE_DATE store Oracle Master Scheduling / MRP's recommended quantities and dates for an order. OLD_ORDER_QUANTITY and OLD_SCHEDULE_DATE store the current quantity and date for discrete jobs, purchase orders, purchase requisitions, nonstandard jobs, intransit shipments and intransit receipts. These columns will store null values for planned orders and recommended repetitive schedules. The difference between OLD_SCHEDULE_DATE and NEW_SCHEDULE_DATE represents the planning process's reschedule recommendation. In the current version, the planning process does not recommend quantity changes. Thus OLD_ORDER_QUANTITY and NEW_ORDER_QUANTITY will be equal.

For suggested repetitive schedules, NEW_SCHEDULE_DATE will store the first unit completion date. The last unit completion date will be stored in LAST_UNIT_COMPLETION_DATE. FIRST_UNIT_START_DATE and LAST_UNIT_START_DATE will hold the first unit start date and last unit start date, respectively. NEW_PROCESSING_DAYS will be equal to the number of workdays between LAST_UNIT_COMPLETION_DATE and NEW_SCHEDULE_DATE plus one (for example, if LAST_UNIT_COMPLETION_DATE equals August 14 and NEW_SCHEDULE_DATE equals August 12, and there are no holidays between those dates, NEW_PROCESSING_DAYS will equal 3). NEW_ORDER_QUANTITY will store the daily rate for the suggested repetitive schedule. OLD_SCHEDULE_DATE and OLD_ORDER_QUANTITY will be null.

FIRM_DATE and FIRM_QUANTITY will store the firm dates and quantities of planned orders. Both of these columns will be populated only for planned orders with a FIRM_PLANNED_TYPE of Yes. When the planner first creates a planned order, it is set to non–firm, and will have null values in FIRM_DATE and FIRM_QUANTITY. FIRM_DATE and FIRM_QUANTITY can be updated using the Planner Workbench form.

QUANTITY_IN_PROCESS will store that portion of a planned order or recommended repetitive schedule that was loaded into WIP or PO via

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the Planner's Workbench for creation of a Discrete Job, a Purchase Requisition or a WIP repetitive schedule. QUANTITY_IN_PROCESS will be populated by the implementation process of the Planner Workbench. IMPLEMENTED_QUANTITY will store the quantity of the portion of the planned order that was implemented into a Discrete Job or a Purchase Requisition. It will be updated by the feedback process of the Planning Manager. The feedback process will increment the IMPLEMENTED_QUANTITY and decrement the QUANTITY_IN_PROCESS based on the quantity of the Discrete Job or Purchase Requisition.

DISPOSITION_ID is a foreign key to MRP_ITEM_WIP_ENTITIES for discrete jobs. For nonstandard jobs, it references MRP_WIP_COMPONENTS. For purchase orders, purchase requisitions, purchase orders in receiving, intransit shipments, and intransit receipts, DISPOSITION_ID will be a foreign key to MRP_ITEM_PURCHASE_ORDERS. DISPOSITION_ID will be equal to MRP_RECOMMENDATIONS.TRANSACTION_ID for planned orders and suggested repetitive schedules.

For purchased items, OLD_DOCK_DATE and NEW_DOCK_DATE represent the date purchase orders and purchase requisitions are due to arrive on the dock, and will match the promise dates in the purchasing system. For manufactured parts, OLD_DOCK_DATE and NEW_DOCK_DATE represent the dates work orders are due to be completed.

NEW_WIP_START_DATE represents the date the discrete job must be started in order for it to be completed on time. For discrete entries, it will be set to the dock date minus the processing lead time of the item (in workdays). Its value will have no meaning for repetitive entries.

An order may have some processing time necessary before the order begins. NEW_ORDER_PLACEMENT_DATE and OLD_ORDER_PLACEMENT_DATE represent the dates such activity must begin for the order to be started on time. They will be the WIP start date minus the preprocessing lead time (in workdays). Its value will have no meaning for repetitive entries.

If the planning process recommends that an order be cancelled, DISPOSITION_STATUS_TYPE will be set to 2 (Cancel order).

The implement columns hold the implementation details for planned orders, purchase requisitions, and discrete jobs and are populated by the Planner Workbench.

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This information is used to insert records into the WIP_JOB_SCHEDULE_INTERFACE or PO_REQUISITIONS_INTERFACE.

MRP_RECOMMENDATIONS is populated by the Planner.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_ITEM_PURCHASE_ORDERS	TRANSACTION_ID	DISPOSITION_ID
MRP_ITEM_SOURCING	ORGANIZATION_ID	ORGANIZATION_ID
	COMPILE_DESIGNATOR	COMPILE_DESIGNATOR
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	SOURCE_ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
	VENDOR_ID	SOURCE_VENDOR_ID
	VENDOR_SITE_ID	SOURCE_VENDOR_SITE_ID
MRP_ITEM_WIP_ENTITIES	WIP_ENTITY_ID	DISPOSITION_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	COMPILE_DESIGNATOR	COMPILE_DESIGNATOR
MRP_RECOMMENDATIONS	TRANSACTION_ID	DISPOSITION_ID
MRP_SYSTEM_ITEMS	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	COMPILE_DESIGNATOR	COMPILE_DESIGNATOR
MRP_WIP_COMPONENTS	WIP_ENTITY_ID	DISPOSITION_ID
	ORGANIZATION_ID	ORGANIZATION_ID
	COMPILE_DESIGNATOR	COMPILE_DESIGNATOR
	INVENTORY_ITEM_ID	INVENTORY_ITEM_ID
WIP_LINES	LINE_ID	LINE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DISPOSITION_STATUS_TYPE	MRP_ORDER_ACTION	MFG_LOOKUPS
	1	Do not cancel
	2	Cancel
FIRM_PLANNED_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
IMPLEMENT_AS	MRP_IMPLEMENT_AS	MFG_LOOKUPS
	1	None
	2	Purchase Requisition
	3	Discrete Job
IMPLEMENT_DEMAND_CLASS	DEMAND_CLASS	FND_COMMON_LOOKUPS
	DEMAND_CL1	Demand class 1
	DEMAND_CL2	Demand class 2
	DEMAND_CL3	Demand class 3
IMPLEMENT_FIRM	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
IMPLEMENT_STATUS_CODE	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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	3	Released
	4	Complete
	5	Complete – No Charges
	6	On Hold
	7	Cancelled
	8	Pending Bill Load
	9	Failed Bill Load
LOAD_TYPE	MRP_WORKBENCH_LOAD_TYPE	MFG_LOOKUPS
	1	Discrete mass load
	2	Repetitive mass load
	3	Discrete mass reschedule
	4	Purchasing mass load
	5	Purchasing reschedule
ORDER_TYPE	MRP_ORDER_TYPE	MFG_LOOKUPS
	1	Purchase order
	11	Intransit shipment
	12	Intransit receipt
	13	Suggested repetitive schedule
	14	Discrete job by–product
	15	Nonstandard job by–product
	16	Repetitive schedule by–product
	17	Planned order by–product
	2	Purchase requisition
	27	Flow schedule
	28	Flow schedule by–product
	29	Payback supply
	3	Discrete job
	4	Suggested aggregate repetitive schedule
	5	Planned order
	7	Non–standard job
	8	PO in receiving
RELEASE_STATUS	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
RESCHEDULED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

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
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
COMPILE_DESIGNATOR	NOT NULL	VARCHAR2(10)	MPS, MRP or DRP plan identifier
NEW_SCHEDULE_DATE	NOT NULL	DATE	New schedule completion date

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Column Descriptions (Continued)

Name	Null?	Type	Description
OLD_SCHEDULE_DATE	NULL	DATE	Old schedule date
NEW_WIP_START_DATE	NULL	DATE	New WIP schedule start date
OLD_WIP_START_DATE	NULL	DATE	Old WIP schedule start date
DISPOSITION_ID	NULL	NUMBER	Order number
DISPOSITION_STATUS_TYPE	NOT NULL	NUMBER	Disposition type code
ORDER_TYPE	NOT NULL	NUMBER	Order type code
VENDOR_ID	NULL	NUMBER	Supplier identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier Site Identifier
NEW_ORDER_QUANTITY	NOT NULL	NUMBER	New order quantity
OLD_ORDER_QUANTITY	NULL	NUMBER	Old order quantity
NEW_ORDER_PLACEMENT_DATE	NULL	DATE	New order placement date
OLD_ORDER_PLACEMENT_DATE	NULL	DATE	Old order placement date
FIRM_PLANNED_TYPE	NOT NULL	NUMBER	Firm flag
RESCHEDULED_FLAG	NULL	NUMBER	Flag indicating if this row been rescheduled using the Planner Workbench form
SCHEDULE_COMPRESSION_DAYS	NULL	NUMBER	Order schedule compression days
NEW_PROCESSING_DAYS	NULL	NUMBER	Repetitive schedule processing days
IMPLEMENTED_QUANTITY	NULL	NUMBER	Planned order implemented quantity
PURCH_LINE_NUM	NULL	NUMBER	Purchase order line number
REVISION	NULL	VARCHAR2(3)	Inventory item revision code
LAST_UNIT_COMPLETION_DATE	NULL	DATE	Last unit completion date for recommended repetitive schedules
FIRST_UNIT_START_DATE	NULL	DATE	First unit start date for repetitive schedules
LAST_UNIT_START_DATE	NULL	DATE	Last unit start date for repetitive schedules
DAILY_RATE	NULL	NUMBER	Daily rate for recommended repetitive schedules
OLD_DOCK_DATE	NULL	DATE	Current dock date
NEW_DOCK_DATE	NULL	DATE	Suggested dock date
SUPPLY_AVAIL_DATE	NULL	DATE	Supply available date.
RESCHEDULE_DAYS	NULL	NUMBER	Difference between old and new schedule dates
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
QUANTITY_IN_PROCESS	NULL	NUMBER	Quantity being processed by the WIP/PO interface processes
FIRM_QUANTITY	NULL	NUMBER	Firm planned quantity
FIRM_DATE	NULL	DATE	Firm planned order date
NETTING_DATE	NULL	DATE	Not currently used
PLANNING_MAKE_BUY_CODE	NULL	NUMBER	Not currently used
UPDATED	NULL	NUMBER	Flag to determine whether add workday modification was applied
STATUS	NULL	NUMBER	Attribute used for online replanning
APPLIED	NULL	NUMBER	Attribute used for online replanning
IMPLEMENT_DEMAND_CLASS	NULL	VARCHAR2(30)	Implement Demand Class
IMPLEMENT_DATE	NULL	DATE	Implement due date
IMPLEMENT_QUANTITY	NULL	NUMBER	Implement quantity
IMPLEMENT_FIRM	NULL	NUMBER	Implement firm type

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Column Descriptions (Continued)

Name	Null?	Type	Description
IMPLEMENT_WIP_CLASS_CODE	NULL	VARCHAR2(10)	Implement WIP job class code
IMPLEMENT_JOB_NAME	NULL	VARCHAR2(240)	Implement job name
IMPLEMENT_DOCK_DATE	NULL	DATE	Implement dock date
IMPLEMENT_STATUS_CODE	NULL	NUMBER	Implement job status code
IMPLEMENT_EMPLOYEE_ID	NULL	NUMBER	Implement employee identifier
IMPLEMENT_UOM_CODE	NULL	VARCHAR2(3)	Implement UOM code
IMPLEMENT_LOCATION_ID	NULL	NUMBER	Implement location identifier
IMPLEMENT_SOURCE_ORG_ID	NULL	NUMBER	Implement source organization identifier
IMPLEMENT_VENDOR_ID	NULL	NUMBER	Implement supplier identifier
IMPLEMENT_VENDOR_SITE_ID	NULL	NUMBER	Implement supplier site identifier
RELEASE_STATUS	NULL	NUMBER	Release status
LOAD_TYPE	NULL	NUMBER	Load program to execute
IMPLEMENT_AS	NULL	NUMBER(22)	Implement order type
DEMAND_CLASS	NULL	VARCHAR2(30)	Not currently used
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Not currently used
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Not currently used
LINE_ID	NULL	NUMBER	Line identifier
SOURCE	NULL	NUMBER	Not currently used
BY_PRODUCT_USING_ASSY_ID	NULL	NUMBER	Not currently used
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Not currently used
SOURCE_VENDOR_SITE_ID	NULL	NUMBER	Not currently used
SOURCE_VENDOR_ID	NULL	NUMBER	Not currently used
SOURCE_SUPPLY_SCHEDULE_NAME	NULL	VARCHAR2(10)	Not currently used
NEW_SHIP_DATE	NULL	DATE	New ship date
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
PLANNING_GROUP	NULL	VARCHAR2(30)	Planning group
IMPLEMENT_PROJECT_ID	NULL	NUMBER	Implement project identifier
IMPLEMENT_TASK_ID	NULL	NUMBER	Implement task identifier
IMPLEMENT_SCHEDULE_GROUP_ID	NULL	NUMBER	Schedule group identifier for the planned order to be implemented as a discrete job.
IMPLEMENT_BUILD_SEQUENCE	NULL	NUMBER	Implement build sequence for the planned order to be implemented as a discrete job.
IMPLEMENT_ALTERNATE_BOM	NULL	VARCHAR2(10)	Bill of material designator in the planned order being implemented
IMPLEMENT_ALTERNATE_ROUTING	NULL	VARCHAR2(10)	Routing designator in the planned order being implemented
IMPLEMENT_LINE_ID	NULL	NUMBER	Implement line identifier
SOURCE_ITEM_ID	NULL	NUMBER	Source item identifier
RELEASE_ERRORS	NULL	VARCHAR2(2000)	Errors encountered during enhanced select all for release process
NUMBER1	NULL	NUMBER	Column to store old implement quantity during select all for release process
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Unit number
IMPLEMENT_END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Implement unit number

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Indexes

Index Name	Index Type	Sequence	Column Name
MRP_RECOMMENDATIONS_N1	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	COMPILE_DESIGNATOR
		3	ORGANIZATION_ID
		4	NEW_SCHEDULE_DATE
MRP_RECOMMENDATIONS_N2	NOT UNIQUE	2	COMPILE_DESIGNATOR
		4	ORGANIZATION_ID
		6	ORDER_TYPE
		8	LINE_ID
MRP_RECOMMENDATIONS_N3	NOT UNIQUE	1	ORGANIZATION_ID
		2	COMPILE_DESIGNATOR
		3	LOAD_TYPE
		4	INVENTORY_ITEM_ID
MRP_RECOMMENDATIONS_N4	NOT UNIQUE	10	APPLIED
		20	COMPILE_DESIGNATOR
		30	ORGANIZATION_ID
MRP_RECOMMENDATIONS_N5	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	COMPILE_DESIGNATOR
		3	ORGANIZATION_ID
		4	ORDER_TYPE
		5	NEW_SCHEDULE_DATE
MRP_RECOMMENDATIONS_U1	UNIQUE	1	TRANSACTION_ID

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MRP_RELIEF_INTERFACE

MRP_RELIEF_INTERFACE is a table which stores information used for master schedule relief. Each entry represents a transaction that affects either a master production or master demand schedule.

Entries are created by WIP and PO via database triggers on the tables WIP_DISCRETE_JOBS and MTL_SUPPLY, respectively. A row is created every time a discrete job, purchase order or purchase requisition is created, closed, or modified.

When rows are inserted to MRP_RELIEF_INTERFACE the process_status is set to 2 (waiting to be processed). Relief is performed by MRLSCC, a subroutine of the Planning Manger Worker. This program looks for all rows with a PROCESS_STATUS of 2, a null ERROR_MESSAGE and a null REQUEST_ID. It changes the PROCESS_STATUS of these rows to 3 (in process). The appropriate routine is then called to consume the rows flagged. If schedule consumption fails for a row the PROCESS_STATUS will be changed to 4 (processing error) and an error message will be written to the ERROR_MESSAGE field of the row. If schedule consumption succeeds for a row, the PROCESS_STATUS will be changed to 5.

The SOURCE_CODE column can be used to identify third party software for loading the MRP_RELIEF_INTERFACE table. The SOURCE_LINE_ID can be used to show where the imported data came from within the third party software (for example, table_name, field_name).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_RECOMMENDATIONS	TRANSACTION_ID	PLANNED_ORDER_ID
MTL_DEMAND	DEMAND_ID	DISPOSITION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
WIP_ENTITIES	WIP_ENTITY_ID	DISPOSITION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEMAND_CLASS	DEMAND_CLASS	FND_COMMON_LOOKUPS
	DEMAND_CL1	Demand class 1
	DEMAND_CL2	Demand class 2
	DEMAND_CL3	Demand class 3
DISPOSITION_TYPE	MRP_RELIEF_ORIGINATION	MFG_LOOKUPS
	1	Discrete Job
	2	Purchase order
	3	Sales order
	4	Auto-reduce MPS
	5	Purchase requisition

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	6	PO in receiving
	7	Intransit shipment
	8	Intransit receipt
	9	Flow Schedule
OLD_DEMAND_CLASS	DEMAND_CLASS	FND_COMMON_LOOKUPS
	DEMAND_CL1	Demand class 1
	DEMAND_CL2	Demand class 2
	DEMAND_CL3	Demand class 3
PROCESS_STATUS	MRP_INTERFACE_PROCESS_TYPE	MFG_LOOKUPS
	1	Do not process
	2	Waiting to be processed
	3	Being processed
	4	Error
	5	Processed
RELIEF_TYPE	MRP_SCHEDULE_TYPE	MFG_LOOKUPS
	1	MDS – master demand schedule
	2	MPS – master production schedule

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	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
INVENTORY_ITEM_ID	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
NEW_ORDER_QUANTITY	NOT NULL	NUMBER	Quantity to be relieved
OLD_ORDER_QUANTITY	NULL	NUMBER	Original quantity if already existed
NEW_ORDER_DATE	NOT NULL	DATE	Date to be relieved
OLD_ORDER_DATE	NULL	DATE	Original date if already existed
DISPOSITION_ID	NOT NULL	NUMBER	Disposition id
PLANNED_ORDER_ID	NULL	NUMBER	Planned order identifier
RELIEF_TYPE	NOT NULL	NUMBER	Relief type
DISPOSITION_TYPE	NOT NULL	NUMBER	Disposition type
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class identifier
OLD_DEMAND_CLASS	NULL	VARCHAR2(30)	Old demand class identifier
LINE_NUM	NULL	VARCHAR2(30)	Line number on po’s and sales orders
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
PROCESS_STATUS	NOT NULL	NUMBER	Identifies the stage of processing the row is in
SOURCE_CODE	NULL	VARCHAR2(10)	Source code of the application software which imported rows into the table
SOURCE_LINE_ID	NULL	NUMBER	Identifier of the data in the source application

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Column Descriptions (Continued)

Name	Null?	Type	Description
ERROR_MESSAGE	NULL	VARCHAR2(240)	Error message if processing failed
PROJECT_ID	NULL	NUMBER(22)	Project identifier
TASK_ID	NULL	NUMBER(22)	Task identifier
OLD_PROJECT_ID	NULL	NUMBER	Old Project identifier
OLD_TASK_ID	NULL	NUMBER	Old task identifier

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_RELIEF_INTERFACE_N1	NOT UNIQUE	1	REQUEST_ID
		2	PROCESS_STATUS
MRP_RELIEF_INTERFACE_N2	NOT UNIQUE	1	PROCESS_STATUS
		2	INVENTORY_ITEM_ID
MRP_RELIEF_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
MRP_RELIEF_INTERFACE_S	TRANSACTION_ID

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MRP_SCHEDULE_DESIGNATORS

MRP_SCHEDULE_DESIGNATORS stores MPS and MDS schedule names. A schedule name uniquely identifies a master schedule.

MPS_RELIEF indicates whether or not the Planning Manager should consume this master demand or master production schedule.

INVENTORY_ATP_FLAG indicates whether or not inventory can consider this master production schedule as a source of supply as defined by ATP rules. It will always be No for master demand schedules.

This table is populated by the Define Master Schedule Names form.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INVENTORY_ATP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
MPS_RELIEF	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PRIMARY_DESIGNATOR	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
PRODUCTION	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SCHEDULE_TYPE	MRP_SCHEDULE_TYPE	MFG_LOOKUPS
	1	MDS – master demand schedule
	2	MPS – master production schedule

Column Descriptions

Name	Null?	Type	Description
SCHEDULE_DESIGNATOR (PK)	NOT NULL	VARCHAR2(10)	Master schedule 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
SCHEDULE_TYPE	NOT NULL	NUMBER	Schedule type code
MPS_RELIEF	NOT NULL	NUMBER	Perform MPS relief against this designator
INVENTORY_ATP_FLAG	NOT NULL	NUMBER	ATP supply flag
DESCRIPTION	NULL	VARCHAR2(50)	Designator description

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Column Descriptions (Continued)

Name	Null?	Type	Description
DISABLE_DATE	NULL	DATE	Designator disable date
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class 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
USE_NEW_PLANNER	NULL	NUMBER	Use new planner code
ORGANIZATION_SELECTION	NULL	NUMBER	Organization selection to specify if schedule is for single, all, or multiple organizations
PRODUCTION	NULL	NUMBER	flag for auto release

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_SCHEDULE_DESIGNATORS_U1	UNIQUE	1	SCHEDULE_DESIGNATOR
		2	ORGANIZATION_ID

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MRP_SYSTEM_ITEMS

MRP_SYSTEM_ITEMS stores a copy of items planned by the planning process. Most of the columns in MRP_SYSTEM_ITEMS correspond to columns from the Oracle Inventory item master table, MTL_SYSTEM_ITEMS.

LOW_LEVEL_CODE stores the low level code of the item. This is used to determine the order in which items are planned during the planning process (see MRP_LOW_LEVEL_CODES for details).

Lead time is stored in several columns. The static lead time, which is based upon the lead time lot size and calculated by the lead time rollup, is stored in the columns PREPROCESSING_LEAD_TIME, POSTPROCESSING_LEAD_TIME and FULL_LEAD_TIME. The lead time rollup also calculates CUMULATIVE_TOTAL_LEAD_TIME and CUM_MANUFACTURING_LEAD_TIME.

PLAN_MAKE_BUY_CODE determines whether the planning process will plan this item as a purchased item or a manufactured item.

The columns PLAN_START_DATE, PLAN_COMPLETION_DATE, PLANNER_BATCH_NUMBER and PLANNER_STATUS_FLAG are used internally by the Planner to coordinate the planning of items done by multiple Planner Workers running in parallel.

The column INVENTORY_USE_UP_DATE is the date that the planning process will exhaust current nettable inventories, based on projected gross requirements.

This table is populated by the Snapshot, and is used by the Planner. This table is derived mainly from MTL_SYSTEM_ITEMS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MRP_PLANNING_EXCEPTION_SETS	EXCEPTION_SET_NAME ORGANIZATION_ID	PLANNING_EXCEPTION_SET ORGANIZATION_ID
MRP_PLAN_ORGANIZATIONS	PLANNED_ORGANIZATION COMPILE_DESIGNATOR	ORGANIZATION_ID COMPILE_DESIGNATOR
MRP_SYSTEM_ITEMS	INVENTORY_ITEM_ID ORGANIZATION_ID COMPILE_DESIGNATOR	BASE_ITEM_ID ORGANIZATION_ID COMPILE_DESIGNATOR
MTL_ABC_CLASSES	ABC_CLASS_ID	ABC_CLASS
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION
MTL_PLANNERS	PLANNER_CODE	PLANNER_CODE
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	UOM_CODE
PO_AGENTS	AGENT_ID	BUYER_ID

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QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ATO_FORECAST_CONTROL	MRP_ATO_FORECAST_CONTROL	MFG_LOOKUPS
	1	Consume
	2	Consume and derive
	3	None
BOM_ITEM_TYPE	BOM_ITEM_TYPE	MFG_LOOKUPS
	1	Model
	2	Option class
	3	Planning
	4	Standard
	5	Product Family
BUILD_IN_WIP_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
CALCULATE_ATP	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
END_ASSEMBLY_PEGGING	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
ENGINEERING_ITEM_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
INVENTORY_PLANNING_CODE	MTL_MATERIAL_PLANNING	MFG_LOOKUPS
	1	Reorder point planning
	2	Min–max planning
	6	Not planned
INVENTORY_TYPE	MTL_INVENTORY_TYPES	MFG_LOOKUPS
	1	Inventory part numbers
	2	Supply items
	3	Publications
	4	Disposable tools
	5	Nondisposable tools
	6	Machines
	7	Engineering items
	8	Indirect items
IN_SOURCE_PLAN	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOT_CONTROL_CODE	MTL_LOT_CONTROL	MFG_LOOKUPS
	1	No lot control
	2	Full lot control
MINMAX_ORDER_TYPE	MTL_MINMAX_ORDER	MFG_LOOKUPS
	1	Fixed order quantity
	2	Variable quantity
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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
ORIGINATION_TYPE	MTL_ITEM_ORIGINATION	MFG_LOOKUPS
	1	Manufactured inventory item
	2	Purchased inventory item
	3	Manufactured and purchased item
	4	Inter–organization transfer
PLANNER_STATUS_CODE	MRP_INTERFACE_PROCESS_TYPE	MFG_LOOKUPS
	1	Do not process
	2	Waiting to be processed
	3	Being processed
	4	Error
	5	Processed
PLANNING_MAKE_BUY_CODE	MTL_PLANNING_MAKE_BUY	MFG_LOOKUPS
	1	Make
	2	Buy
PURCHASING_ENABLED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
REPETITIVE_TYPE	MRP_YES_NO_REVERSED	MFG_LOOKUPS
	1	No
	2	Yes
ROUNDING_CONTROL_TYPE	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
SAFETY_STOCK_CODE	MTL_SAFETY_STOCK	MFG_LOOKUPS
	1	User–defined quantity
	2	User–defined percentage
	3	Mean absolute deviation (MAD)
WIP_CONTROL_TYPE	MTL_WIP_CONTROL	MFG_LOOKUPS
	1	Standard inventory item
	2	Purchased assembly
	3	Phantom assembly
	4	Standard assembly
	5	Bulk–unplanned–costed
	6	Bulk–unplanned–uncosted
	7	Bulk–planned–costed
	8	Bulk–planned–uncosted
	9	Ref–unplanned–uncosted

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
COMPILE_DESIGNATOR (PK)	NOT NULL	VARCHAR2(10)	MPS, MRP or DRP plan 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
IN_SOURCE_PLAN	NULL	NUMBER	Whether the item is planned in the source plan or not
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
INVENTORY_TYPE	NOT NULL	NUMBER	Inventory type code
MRP_PLANNING_CODE	NOT NULL	NUMBER	Item MPS schedule type code
INVENTORY_PLANNING_CODE	NOT NULL	NUMBER	Inventory planning code
LOW_LEVEL_CODE	NOT NULL	NUMBER	Inventory item identifier low level code
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Preprocessing lead time
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Postprocessing lead time
FULL_LEAD_TIME	NOT NULL	NUMBER	Full lead time
CUMULATIVE_TOTAL_LEAD_TIME	NULL	NUMBER	Cumulative total lead time
CUM_MANUFACTURING_LEAD_TIME	NULL	NUMBER	Cumulative manufacturing lead time
FIXED_LEAD_TIME	NULL	NUMBER	The fixed portion of lead time
VARIABLE_LEAD_TIME	NULL	NUMBER	The variable portion of lead time
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure code
BUILD_IN_WIP_FLAG	NOT NULL	NUMBER	Flag to indicate if this item can be built in WIP
PURCHASING_ENABLED_FLAG	NOT NULL	NUMBER	Purchasing enabled flag
PLANNING_MAKE_BUY_CODE	NOT NULL	NUMBER	Plan this item as either a make item or a buy item
REPETITIVE_TYPE	NOT NULL	NUMBER	Is this item built repetitively?
STANDARD_COST	NULL	NUMBER	Standard cost
LOT_CONTROL_CODE	NOT NULL	NUMBER	Lot control code
ROUNDING_CONTROL_TYPE	NOT NULL	NUMBER	Order rounding control type code
CALCULATE_ATP	NOT NULL	NUMBER	Calculate ATP when planning this part
END_ASSEMBLY_PEGGING	NOT NULL	NUMBER	Peg to the end assembly on reports
NETTABLE_INVENTORY_QUANTITY	NOT NULL	NUMBER	Nettable inventory quantity on hand
NONNETTABLE_INVENTORY_QUANTITY	NOT NULL	NUMBER	Nonnettable inventory quantity on hand
ENGINEERING_ITEM_FLAG	NOT NULL	NUMBER	Engineering item flag
WIP_SUPPLY_TYPE	NULL	NUMBER	WIP supply type
OVERRUN_PERCENTAGE	NULL	NUMBER	Repetitive overrun percentage
ACCEPTABLE_RATE_INCREASE	NULL	NUMBER	Acceptable rate increase
ACCEPTABLE_RATE_DECREASE	NULL	NUMBER	Acceptable rate decrease
SAFETY_STOCK_CODE	NOT NULL	NUMBER	Safety stock code
SAFETY_STOCK_PERCENT	NULL	NUMBER	Percent for dynamically calculated safety stock
SAFETY_STOCK_BUCKET_DAYS	NULL	NUMBER	Days over which to average demand for MRP Planned Safety Stock Percent
SAFETY_STOCK_QUANTITY	NULL	NUMBER	Safety stock quantity
PLAN_LAST_REVISION_DATE	NULL	DATE	Last plan revision date
DESCRIPTION	NULL	VARCHAR2(240)	Inventory item identifier description
CATEGORY_ID	NULL	NUMBER	Category id for the planning category set
BUYER_ID	NULL	NUMBER(9)	Buyer identifier
BUYER_NAME	NULL	VARCHAR2(240)	Buyer Name
PLANNER_CODE	NULL	VARCHAR2(10)	Planner code
ABC_CLASS	NULL	NUMBER	Inventory item identifier ABC class
REVISION	NULL	VARCHAR2(3)	Item revision
FIXED_DAYS_SUPPLY	NULL	NUMBER	Fixed days supply

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Column Descriptions (Continued)

Name	Null?	Type	Description
FIXED_ORDER_QUANTITY	NULL	NUMBER	Fixed order quantity
FIXED_LOT_MULTIPLIER	NULL	NUMBER	Fixed lot multiplier
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity
MAXIMUM_ORDER_QUANTITY	NULL	NUMBER	Maximum order quantity
PLANNING_TIME_FENCE_DAYS	NULL	NUMBER	Planning time fence days
PLANNING_TIME_FENCE_DATE	NULL	DATE	Planning time fence date
DEMAND_TIME_FENCE_DAYS	NULL	NUMBER	Demand time fence days
INVENTORY_USE_UP_DATE	NULL	DATE	The date that inventory will be exhausted based upon projected gross requirements
ACCEPTABLE_EARLY_DELIVERY	NULL	NUMBER	Acceptable early days delivery
PLANNER_BATCH_NUMBER	NULL	NUMBER	Batch identifier for use by the Planner
PLANNER_STATUS_CODE	NULL	NUMBER	Status of the item for the Planner
PLAN_START_DATE	NULL	DATE	Date planning of this item was started
PLAN_COMPLETION_DATE	NULL	DATE	Date planning for this item was completed
SHRINKAGE_RATE	NULL	NUMBER	Expected loss due to scrap
PLANNING_EXCEPTION_SET	NULL	VARCHAR2(10)	Planning exception set to use to generate exception messages
EXCESS_QUANTITY	NULL	NUMBER	Excess quantity
REPETITIVE_VARIANCE	NULL	NUMBER	Repetitive variance
EXCEPTION_SHORTAGE_DAYS	NULL	NUMBER	Exception shortage days
EXCEPTION_EXCESS_DAYS	NULL	NUMBER	Exception excess days
EXCEPTION_REP_VARIANCE_DAYS	NULL	NUMBER	Exception repetitive variance days
EXCEPTION_OVERPROMISED_DAYS	NULL	NUMBER	Exception overpromised days
BASE_ITEM_ID	NULL	NUMBER	Base model for this configuration
BOM_ITEM_TYPE	NULL	NUMBER	Bom item type
ATO_FORECAST_CONTROL	NULL	NUMBER	Forecast control
EXCEPTION_CODE	NULL	VARCHAR2(5)	Exception message code (internal use only)
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
PRIMARY_VENDOR_ID	NULL	NUMBER	Primary supplier identifier
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
DEMAND_TIME_FENCE_DATE	NULL	DATE	Demand time fence date
FULL_PEGGING	NULL	NUMBER	Not currently used
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Organization code
EFFECTIVITY_CONTROL	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MRP_SYSTEM_ITEMS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	COMPILE_DESIGNATOR
		3	LOW_LEVEL_CODE
		4	PLANNER_BATCH_NUMBER
MRP_SYSTEM_ITEMS_N2	NOT UNIQUE	1	PLANNER_CODE
		2	COMPILE_DESIGNATOR
		3	ORGANIZATION_ID
		4	INVENTORY_ITEM_ID
MRP_SYSTEM_ITEMS_U1	UNIQUE	1	ORGANIZATION_ID
		2	COMPILE_DESIGNATOR
		3	INVENTORY_ITEM_ID

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MTL_CATEGORIES_B

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

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

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

Column Descriptions

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_CATEGORIES_B_N1	NOT UNIQUE	1	SEGMENT1
MTL_CATEGORIES_B_U1	UNIQUE	1	CATEGORY_ID

Sequences

Sequence	Derived Column
MTL_CATEGORIES_B_S	CATEGORY_ID

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MTL_DEMAND

This table stores demand and reservation information used in Available To Promise, Planning and other Manufacturing functions. There are three major row types stored in the table: Summary Demand rows, Open Demand Rows, and Reservation Rows.

Summary Demand is direct demand for an item within an organization on a particular date, which originated from a particular source. For hard reservations there are several columns which further define what the reservation is for, and where it is being placed. Currently, four sources of demand are supported, Sales Order, Account, Account Alias, and User Defined transaction sources. Five different types of demand, denoted by DEMAND_TYPE column are used. These five types are Model, Option Class, Option Item, Configuration Item and Derived. Derived demand rows are inserted by BOM Demand exploder when demanded item has ATPable components. Each Summary Demand row may be associated with one or more Reservation rows. Reservation may be placed against a particular inventory control (such as a specific subinventory, locator, revision and lot) against any sources (such as Account Number, Account Alias, Sales Order or even User–Defined sources). Each Summary Demand row may be associated with one or more detailed rows. The detailed rows consist of reservations and open demand. A reservation row represents a firm promise of a supply source. Currently, two types of reservation are supported, reservations to on–hand, and reservations to WIP jobs. Each summary demand row may be associated with one and only one open demand row. Open Demand rows represent the un–reserved portion of the the Summary Demand.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_INVENTORY_COMPONENTS	COMPONENT_SEQUENCE_ID	COMPONENT_SEQUENCE_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	DEMAND_SOURCE_HEADER_ID
MTL_GENERIC_DISPOSITIONS	DISPOSITION_ID ORGANIZATION_ID	DEMAND_SOURCE_HEADER_ID ORGANIZATION_ID
MTL_ITEM_LOCATIONS	INVENTORY_LOCATION_ID ORGANIZATION_ID	LOCATOR_ID ORGANIZATION_ID
MTL_ITEM_REVISIONS	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION	INVENTORY_ITEM_ID ORGANIZATION_ID REVISION
MTL_LOT_NUMBERS	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER	INVENTORY_ITEM_ID ORGANIZATION_ID LOT_NUMBER
MTL_SALES_ORDERS	SALES_ORDER_ID	DEMAND_SOURCE_HEADER_ID
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
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	DUPLICATED_CONFIG_ITEM_ID ORGANIZATION_ID

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Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_TXN_SOURCE_TYPES	TRANSACTION_SOURCE_TYPE_ID	DEMAND_SOURCE_TYPE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	UOM_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ORDER_CHANGE_REPORT_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
RESERVATION_TYPE	MTL_RESERVATION	MFG_LOOKUPS
	1	Soft reservation
	2	Hard reservation
	3	Supply Order Reservation
UPDATED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No

Column Descriptions

Name	Null?	Type	Description
DEMAND_ID	NOT NULL	NUMBER	Unique identifier of a demand row, from sequence MTL_DEMAND_S
ORGANIZATION_ID	NOT NULL	NUMBER	Organization identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
DEMAND_SOURCE_TYPE (PK)	NOT NULL	NUMBER	Code to indicate the source of the demand
DEMAND_SOURCE_HEADER_ID (PK)	NOT NULL	NUMBER	Header ID for the source of the demand. For Sales order demand: MTL_SALES_ORDERS.SALES_ORDER_ID , For Account number: GL_CODE_COMBINATIONS.CODE_COMBINATION_ID, For Account Alias: MTL_GENERIC_DISPOSITIONS.DISPOSITION_ID
DEMAND_SOURCE_LINE (PK)	NULL	VARCHAR2(30)	Line id of demand source. For Sales Order demand this is: SO_LINES.LINE_ID
DEMAND_SOURCE_DELIVERY (PK)	NULL	VARCHAR2(30)	For Sales Order demand, Line id of Sales order line detail row (SO_LINE_DETAILS.LINE_DETAIL_ID)
DEMAND_SOURCE_NAME	NULL	VARCHAR2(30)	Identifier for user–defined Source Type
UOM_CODE	NOT NULL	VARCHAR2(3)	Unit of measure for LINE_ITEM_QUANTITY column
LINE_ITEM_QUANTITY	NOT NULL	NUMBER	Demand or reservation quantity expressed in units defined in UOM_CODE column
PRIMARY_UOM_QUANTITY	NOT NULL	NUMBER	Demanded or reserved quantity expressed in the item’s primary unit of measure as defined in MTL_SYSTEM_ITEMS
LINE_ITEM_RESERVATION_QTY	NULL	NUMBER	Reserved quantity expressed in units defined in UOM_CODE column, Only populated for summary demand rows

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Column Descriptions (Continued)

Name	Null?	Type	Description
RESERVATION_QUANTITY	NULL	NUMBER	Total quantity reserved expressed in primary unit of measure. Only populated for summary and derived demand rows.
COMPLETED_QUANTITY	NOT NULL	NUMBER	Shipped quantity in primary unit of measure code.
REQUIREMENT_DATE	NOT NULL	DATE	Planned ship date for summary demand. Parent planned ship date – ATP_LEAD_TIME for derived demand
RESERVATION_TYPE	NOT NULL	NUMBER	Code for type of reservation
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
PARENT_DEMAND_ID	NULL	NUMBER	DEMAND_ID of parent (summary demand) for reservation and open demand rows. Null for summary and derived demand rows
EXTERNAL_SOURCE_CODE	NULL	VARCHAR2(30)	Used to document external sourced demand
EXTERNAL_SOURCE_LINE_ID	NULL	NUMBER	Used to document external sourced demand
USER_LINE_NUM	NULL	VARCHAR2(30)	User identifier of demand source. For sales order demand this is SO_LINES.LINE_NUMBER
USER_DELIVERY	NULL	VARCHAR2(30)	User identifier of demand source. For sales order demand it is taken from SO_LINES.LINE_NUMBER of the schedule line, used for display only
SCHEDULE_ID	NULL	NUMBER	(not currently used)
AUTODETAIL_GROUP_ID	NULL	NUMBER	ID used when calling the Autodetail process, not null if autodetail process is successful, only populated for hard reservation rows
SUPPLY_SOURCE_TYPE	NULL	NUMBER	Source of supply for reservation, only populated if reservation is not to on hand
SUPPLY_SOURCE_HEADER_ID	NULL	NUMBER	Header id of reservation supply source, for example if supply source is WIP then it is WIP_DISCRETE_JOBS.WIP_ENTITY_ID
SUPPLY_GROUP_ID	NULL	NUMBER	Used to group demand rows for automatic WIP job creation via the Load Final Assembly Orders program, reset to null after program completes
UPDATED_FLAG	NULL	NUMBER	Flag to indicate if row requires processing by MRP Forecast Consumption program, reset to 2 (No) after MRP processing

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Column Descriptions (Continued)

Name	Null?	Type	Description
REVISION	NULL	VARCHAR2(3)	The item revision reserved, only populated for reservation rows that reference a specific revision
LOT_NUMBER	NULL	VARCHAR2(30)	The specific lot number reserved, only populated for reservation rows for a specific lot number
SERIAL_NUMBER	NULL	VARCHAR2(30)	(not currently used)
SUBINVENTORY	NULL	VARCHAR2(10)	Subinventory demanded or reserved, can be populated for summary demand
LOCATOR_ID	NULL	NUMBER	Location identifier for reserved item
COMPONENT_SEQUENCE_ID (PK)	NULL	NUMBER	Id of BOM structure for demand associated with ATO Models. If DEMAND_TYPE is 1 (Model) then is BOM_BILL_OF_MATERIALS.BILL_SEQUENCE_ID if DEMAND_TYPE != 1 (Model) then is BOM_INVENTORY_COMPONENTS.COMPONENT_SEQUENCE_ID
PARENT_COMPONENT_SEQ_ID	NULL	NUMBER	MTL_DEMAND.COMPONENT_SEQUENCE_ID of parent in BOM structure
RTO_MODEL_SOURCE_LINE	NULL	VARCHAR2(30)	DEMAND_SOURCE_LINE of the Model demand row for all demand and reservation rows associated with an ATO Model demand row
RTO_PREVIOUS_QTY	NULL	NUMBER	The PRIMARY_UOM_QUANTITY the last time that the ATO Order Change ”report” ran
CONFIG_STATUS	NULL	NUMBER	Code to indicate status of Configured item creation for ATO Model demand
AVAILABLE_TO_MRP	NULL	NUMBER	Flag to indicate if demand should be visible to MRP
AVAILABLE_TO_ATP	NULL	NUMBER	Flag to indicate if demand should be visible to ATP
ESTIMATED_RELEASE_DATE	NULL	DATE	Requirement date – Assembly Lead time. This column is only populated for Configuration Items created by Link Configuration Item to Order (bmlcpb).
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class of the demand row
ROW_STATUS_FLAG	NULL	NUMBER(2)	used by the demand management functions to indicate the status of a row; 1 – Active; 2 – Complete
ORDER_CHANGE_REPORT_FLAG	NULL	NUMBER	Flag to indicate rows for ATO items that have changed after a configuration item has been created. The ATO Model Order Change report will select these rows and update to 2 (No)
ATP_LEAD_TIME	NULL	NUMBER(22)	Number of days earlier than the parent requirement data that a component must be available to allow for assembly of the parent.
EXPLOSION_EFFECTIVITY_DATE	NULL	DATE	Date used by BOM exploder when a fixed BOM structure as of a certain date is required

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Column Descriptions (Continued)

Name	Null?	Type	Description
BOM_LEVEL	NULL	NUMBER	Used by BOM exploder to store the level for the explosion process
MRP_DATE	NULL	DATE	Used/populated by MRP to get a read–consistent picture of the demand
MRP_QUANTITY	NULL	NUMBER	Used/populated by MRP to get a read–consistent picture of the demand
CUSTOMER_ID	NULL	NUMBER	Customer identifier associated with the demand, Used by MRP to consume forecast entries
TERRITORY_ID	NULL	NUMBER	Territory identifier associated with the demand, Used by MRP to consume forecast entries
BILL_TO_SITE_USE_ID	NULL	NUMBER	Bill to identifier associated with the demand, Used by MRP to consume forecast entries
SHIP_TO_SITE_USE_ID	NULL	NUMBER	Ship to identifier associated with the demand, Used by MRP to consume forecast entries
MASTER_RESERVATION_QTY	NULL	NUMBER	(not currently used)
DESCRIPTION	NULL	VARCHAR2(50)	(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
DEMAND_TYPE	NULL	NUMBER	Code for type of demand
DUPLICATED_CONFIG_ITEM_ID	NULL	NUMBER	INVENTORY_ITEM_ID of an existing configured item that was matched to the Model/Option choices associated with this ATO Model
DUPLICATED_CONFIG_DEMAND_ID	NULL	NUMBER	DEMAND_ID of an existing model row in MTL_DEMAND with an ”identical” configuration, will cause linkage to the same configuration item for both models
EXPLOSION_GROUP_ID	NULL	NUMBER	Identifier passed to BOM exploder to identify row to explode
ORDERED_ITEM_ID	NULL	NUMBER	Item id of the top item that caused this demand or reservation to be placed
CONFIG_GROUP_ID	NULL	NUMBER	Configuration group id

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Column Descriptions (Continued)

Name	Null?	Type	Description
OPERATION_SEQ_NUM	NULL	NUMBER	Used by Create Configuration to store the operation number for the options and option classes
N_COLUMN1	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_DEMAND_N1	NOT UNIQUE	1	DEMAND_SOURCE_TYPE
		2	DEMAND_SOURCE_HEADER_ID
		3	DEMAND_SOURCE_LINE
		4	DEMAND_SOURCE_DELIVERY
MTL_DEMAND_N10	NOT UNIQUE	2	INVENTORY_ITEM_ID
		8	ORGANIZATION_ID
		10	AVAILABLE_TO_MRP
		12	PARENT_DEMAND_ID
MTL_DEMAND_N11	NOT UNIQUE	5	N_COLUMN1
MTL_DEMAND_N2	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	DEMAND_SOURCE_TYPE
		4	DEMAND_SOURCE_HEADER_ID
MTL_DEMAND_N3	NOT UNIQUE	1	UPDATED_FLAG
MTL_DEMAND_N4	NOT UNIQUE	1	RTO_MODEL_SOURCE_LINE
MTL_DEMAND_N5	NOT UNIQUE	1	SUPPLY_GROUP_ID
MTL_DEMAND_N6	NOT UNIQUE	1	EXPLOSION_GROUP_ID
MTL_DEMAND_N7	NOT UNIQUE	1	CONFIG_GROUP_ID
MTL_DEMAND_N8	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	RESERVATION_TYPE
MTL_DEMAND_N9	NOT UNIQUE	1	INVENTORY_ITEM_ID
		2	ORGANIZATION_ID
		3	REQUIREMENT_DATE
MTL_DEMAND_U1	UNIQUE	1	DEMAND_ID

Sequences

Sequence	Derived Column
MTL_DEMAND_S	DEMAND_ID
MTL_DEMAND_S	PARENT_DEMAND_ID

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MTL_INTERFACE_PROC_CONTROLS

MTL_INTERFACE_PROC_CONTROLS is seeded with the list of background transaction processes Oracle Manufacturing supports. These background processes can have user– determined process intervals and for some you may decide the number of transaction rows each worker processes at a time. The PROCESS_STATUS column tells if the corresponding background process is active.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROCESS_CODE	PROCESS_TYPE	MFG_LOOKUPS
	1	Material transaction
	2	Demand reservation
	3	Move transaction
	4	Resource cost transaction
	5	Material cost transaction
PROCESS_STATUS	PROCESS_STATUS	MFG_LOOKUPS
	1	Active
	2	Inactive
	3	Start

Column Descriptions

Name	Null?	Type	Description
PROCESS_CODE (PK)	NOT NULL	NUMBER	Code name for the background process
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
PROCESS_STATUS	NOT NULL	NUMBER	Process status which specifies if the background process is active or inactive
PROCESS_INTERVAL	NOT NULL	NUMBER	Process interval at which the background process polls the interface table
MANAGER_PRIORITY	NOT NULL	NUMBER	Concurrent process priority for the manager of the background process (not currently used)
WORKER_PRIORITY	NOT NULL	NUMBER	Concurrent process priority for the workers launched by the background process (not currently used)
WORKER_ROWS	NOT NULL	NUMBER	Maximum number of rows assigned to a worker
PROCESSING_TIMEOUT	NULL	NUMBER	Interval of time after which errored out rows will be processed again by the background process. This is used only by WIP managers.
PROCESS_NAME	NOT NULL	VARCHAR2(10)	Background process name

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROCESS_APP_SHORT_NAME	NULL	VARCHAR2(3)	Application short name of the background process

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MTL_ITEM_LOCATIONS

MTL_ITEM_LOCATIONS is the definition table for stock locators. The associated attributes describe which subinventory this locator belongs to, what the locator physical capacity is, etc.

The locator is a key flexfield. The Flexfield Code is MTLL.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	INVENTORY_ACCOUNT_ID
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SUBINVENTORY_CODE ORGANIZATION_ID
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	LOCATION_WEIGHT_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	VOLUME_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	PICK_UOM_CODE
MTL_UNITS_OF_MEASURE_TL	UOM_CODE	DIMENSION_UOM_CODE

Column Descriptions

Name	Null?	Type	Description
INVENTORY_LOCATION_ID (PK)	NOT NULL	NUMBER	Inventory locator 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	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(50)	Locator description
DESCRIPTIVE_TEXT	NULL	VARCHAR2(240)	Locator descriptive text
DISABLE_DATE	NULL	DATE	Disable date
INVENTORY_LOCATION_TYPE	NULL	NUMBER	(no longer used)
PICKING_ORDER	NULL	NUMBER	Picking order
PHYSICAL_LOCATION_CODE	NULL	VARCHAR2(10)	(no longer used)
LOCATION_MAXIMUM_UNITS	NULL	NUMBER	Locator maximum unit
SUBINVENTORY_CODE	NOT NULL	VARCHAR2(10)	Subinventory name
LOCATION_WEIGHT_UOM_CODE	NULL	VARCHAR2(3)	Locator weight UOM code
MAX_WEIGHT	NULL	NUMBER	Locator maximum weight
VOLUME_UOM_CODE	NULL	VARCHAR2(3)	Locator volume UOM code
MAX_CUBIC_AREA	NULL	NUMBER	Locator maximum cubic area
X_COORDINATE	NULL	NUMBER	(no longer used)
Y_COORDINATE	NULL	NUMBER	(no longer used)
Z_COORDINATE	NULL	NUMBER	(no longer used)
INVENTORY_ACCOUNT_ID	NULL	NUMBER	(not currently used)
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

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Column Descriptions (Continued)

Name	Null?	Type	Description
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination includes a summary segment
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination is enabled
START_DATE_ACTIVE	NULL	DATE	Date segment combination becomes active
END_DATE_ACTIVE	NULL	DATE	Date segment combination becomes inactive
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
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
PHYSICAL_LOCATION_ID	NULL	NUMBER(15)	Physical location identifier
PICK_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure in which items are stored in locator
DIMENSION_UOM_CODE	NULL	VARCHAR2(3)	Unit of measure of physical dimensions – length, width and height
LENGTH	NULL	NUMBER	Length
WIDTH	NULL	NUMBER	Width
HEIGHT	NULL	NUMBER	Height
LOCATOR_STATUS	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_LOCATIONS_N1	NOT UNIQUE	1	SEGMENT1

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_LOCATIONS_N2	NOT UNIQUE	1	SEGMENT2
MTL_ITEM_LOCATIONS_N3	NOT UNIQUE	1	SEGMENT3
MTL_ITEM_LOCATIONS_U1	UNIQUE	1	INVENTORY_LOCATION_ID
		2	ORGANIZATION_ID

Sequences

Sequence	Derived Column
MTL_ITEM_LOCATIONS_S	INVENTORY_LOCATION_ID

Database Triggers

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

This trigger is executed during creation of a new locator. The values in SEGMENT19 and SEGMENT20 are copied into PROJECT_ID and TASK_ID columns respectively. SEGMENT19 and SEGMENT20 are reserved for Oracle Project Manufacturing to store the project and task segment values in the locator flexfield.

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MTL_ITEM_REVISIONS

MTL_ITEM_REVISIONS stores revision levels for an inventory item. When an item is defined a starting revision record is written out to this table, so every item will at least have one starting revision.

The presence of an engineering change notice code in this table indicates that the engineering system issued the revision through the implementation process. Along with the engineering change order, an implementation date and initiation date will be stored.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ENG_ENGINEERING_CHANGES	CHANGE_NOTICE ORGANIZATION_ID	CHANGE_NOTICE ORGANIZATION_ID
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	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
REVISION (PK)	NOT NULL	VARCHAR2(3)	Item 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

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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	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
REVISED_ITEM_SEQUENCE_ID	NULL	NUMBER	Revised item unique identifier
DESCRIPTION	NULL	VARCHAR2(240)	Item revision description (not currently used)

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_REVISIONS_N1	NOT UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	EFFECTIVITY_DATE
MTL_ITEM_REVISIONS_U1	UNIQUE	1	ORGANIZATION_ID
		2	INVENTORY_ITEM_ID
		3	REVISION

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MTL_ITEM_STATUS

MTL_ITEM_STATUS is the definition table for material status codes. Status code is a required item attribute. It indicates the status of an item, i.e., Active, Pending, Obsolete.

The status optionally controls several 'function controlling' item attributes (status attributes) and can be used to disable the item from being used by the various application products.

The values of the individual status attributes associated with an item status are stored in MTL_STATUS_ATTRIBUTE_VALUES.

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_STATUS_CODE (PK)	NOT NULL	VARCHAR2(10)	Item status 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
DESCRIPTION	NULL	VARCHAR2(240)	Status 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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_STATUS_U1	UNIQUE	1	INVENTORY_ITEM_STATUS_CODE

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MTL_ITEM_SUB_INVENTORIES

MTL_ITEM_SUB_INVENTORIES maintains a listing of subinventories assigned to an inventory or engineering item.

These subinventories make up the list of valid subinventories when transacting this specific item and the user has specified (in the master window) that the item must use subinventories restricted to a pre–defined list.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SOURCE_SUBINVENTORY SOURCE_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME ORGANIZATION_ID	SECONDARY_INVENTORY ORGANIZATION_ID
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID ORGANIZATION_ID	INVENTORY_ITEM_ID ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INVENTORY_PLANNING_CODE	MTL_MATERIAL_PLANNING	MFG_LOOKUPS
	1	Reorder point planning
	2	Min–max planning
	6	Not planned
SOURCE_TYPE	MTL_SOURCE_TYPES	MFG_LOOKUPS
	1	Inventory
	2	Supplier

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_INVENTORY (PK)	NOT NULL	VARCHAR2(10)	Subinventory 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_SUBINVENTORY_FLAG	NULL	NUMBER	Primary / secondary type code
PICKING_ORDER	NULL	NUMBER	Picking order
MIN_MINMAX_QUANTITY	NULL	NUMBER	Subinventory–level minmax planning minimum quantity
MAX_MINMAX_QUANTITY	NULL	NUMBER	Subinventory–level minmax planning maximum quantity
INVENTORY_PLANNING_CODE	NOT NULL	NUMBER	Item planning method
FIXED_LOT_MULTIPLE	NULL	NUMBER	Subinventory–level fixed lot multiple
MINIMUM_ORDER_QUANTITY	NULL	NUMBER	Subinventory–level minimum order quantity
MAXIMUM_ORDER_QUANTITY	NULL	NUMBER	Subinventory–level maximum order quantity

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
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
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Encumbrance account
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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_ITEM_SUB_INVENTORIES_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	SECONDARY_INVENTORY
		3	ORGANIZATION_ID
MTL_ITEM_SUB_INVENTORIES_U2	UNIQUE	1	ORGANIZATION_ID
		2	SECONDARY_INVENTORY
		3	INVENTORY_ITEM_ID

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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

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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	NOT 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

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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

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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_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
PROGRAM_ID	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
GEN_OBJECT_ID	NULL	NUMBER	Genealogy object identifier

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

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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

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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 adjustment

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

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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 identifier
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 Identifier 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

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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

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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 job completion
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–Org transfer
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
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

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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

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_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
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

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```
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.

```
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_TRANSACTION_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).

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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

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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 (PK)	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 identifier
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

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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

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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

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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

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Column Descriptions (Continued)

Name	Null?	Type	Description
COST_GROUP_ID	NULL	NUMBER	Cost group identifier
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
PUT_AWAY_RULE_ID	NULL	NUMBER	Put away Rule ID
PICK_STRATEGY_ID	NULL	NUMBER	Pick Strategy ID
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	
TASK_PRIORITY	NULL	NUMBER	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_MATERIAL_TRANS_TEMP_N1	NOT UNIQUE	1	TRANSACTION_HEADER_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_U1	UNIQUE	1	TRANSACTION_TEMP_ID

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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

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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
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

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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	

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

Sequences

Sequence	Derived Column
MTL_MATERIAL_TRANSACTIONS_S	CREATE_TRANSACTION_ID
MTL_MATERIAL_TRANSACTIONS_S	UPDATE_TRANSACTION_ID

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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 the organization 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
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
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT

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Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
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
NEGATIVE_INV_RECEIPT_CODE	SYS_YES_NO	MFG_LOOKUPS

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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	NOT NULL	NUMBER	Calendar exception set
CALENDAR_CODE	NOT 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
MATERIAL_ACCOUNT	NULL	NUMBER	Inventory material account

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Column Descriptions (Continued)

Name	Null?	Type	Description
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
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
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
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Global descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
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 Period
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

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
```

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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.

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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

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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

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_RTG_ITEM_REVISIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	PROCESS_REVISION
		3	ORGANIZATION_ID

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MTL_SALES_ORDERS

MTL_SALES_ORDERS stores Inventory's local definition of sales orders.

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

Column Descriptions

Name	Null?	Type	Description
SALES_ORDER_ID (PK)	NOT NULL	NUMBER	Sales order id
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NULL	DATE	Standard Who column
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination includes a summary segment
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating whether segment combination is enabled
START_DATE_ACTIVE	NULL	DATE	Date segment combination becomes active

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Column Descriptions (Continued)

Name	Null?	Type	Description
END_DATE_ACTIVE	NULL	DATE	Date segment combination becomes inactive
SOURCE_CODE	NULL	VARCHAR2(30)	(not currently used)
ORDER_TYPE	NULL	VARCHAR2(30)	(not currently used)
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SALES_ORDERS_N1	NOT UNIQUE	1	SEGMENT1
MTL_SALES_ORDERS_U1	UNIQUE	1	SALES_ORDER_ID

Sequences

Sequence	Derived Column
MTL_SALES_ORDERS_S	SALES_ORDER_ID

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MTL_SECONDARY_INVENTORIES

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

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

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

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
ENG_ECN_APPROVAL_LISTS	APPROVAL_LIST_ID	NOTIFY_LIST_ID
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	ENCUMBRANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	EXPENSE_ACCOUNT
MTL_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
MTL_PARAMETERS	ORGANIZATION_ID	SOURCE_ORGANIZATION_ID
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME 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
	3	Dynamic entry locator control

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QuickCodes Columns (Continued)

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

Column Descriptions

Name	Null?	Type	Description
SECONDARY_INVENTORY_NAME (PK)	NOT NULL	VARCHAR2(10)	Subinventory name
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DESCRIPTION	NULL	VARCHAR2(50)	Subinventory description
DISABLE_DATE	NULL	DATE	Disable date
INVENTORY_ATP_CODE	NOT NULL	NUMBER	Inventory available to promise code
AVAILABILITY_TYPE	NOT NULL	NUMBER	Subinventory availability code
RESERVABLE_TYPE	NOT NULL	NUMBER	Hard reservation eligibility
LOCATOR_TYPE	NULL	NUMBER	Subinventory–level stock locator control type
PICKING_ORDER	NULL	NUMBER	Picking order
MATERIAL_ACCOUNT	NULL	NUMBER	Subinventory material account
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	Material overhead account
RESOURCE_ACCOUNT	NULL	NUMBER	Resource labor account
OVERHEAD_ACCOUNT	NULL	NUMBER	Resource overhead account
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	Outside processing account
QUANTITY_TRACKED	NOT NULL	NUMBER	Flag indicating 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
EXPENSE_ACCOUNT	NULL	NUMBER	Account to expense items issued to subinventory

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Column Descriptions (Continued)

Name	Null?	Type	Description
ENCUMBRANCE_ACCOUNT	NULL	NUMBER	Account to encumber items requested by subinventory
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_ID	NULL	NUMBER	Concurrent Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Concurrent Who column
PREPROCESSING_LEAD_TIME	NULL	NUMBER	Pre–processing lead time
PROCESSING_LEAD_TIME	NULL	NUMBER	Processing lead time
POSTPROCESSING_LEAD_TIME	NULL	NUMBER	Post–processing lead time
DEMAND_CLASS	NULL	VARCHAR2(30)	Demand class for the subinventory
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
SUBINVENTORY_USAGE	NULL	NUMBER	Specifies whether costs should be collected for this subinventory in project manufacturing environment
NOTIFY_LIST_ID	NULL	NUMBER	ID of Notify List
PICK_UOM_CODE	NULL	VARCHAR2(3)	
DEPRECIABLE_FLAG	NOT NULL	NUMBER	Flag indicating if the sub inventory is depreciable
LOCATION_ID	NULL	NUMBER(15)	Location identifier

Indexes

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

Database Triggers

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

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```
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.
```

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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

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

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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_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

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
	1	Purchase order
	2	Sales order

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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	NOT 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
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

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

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_U1	UNIQUE	1	SERIAL_NUMBER
		2	INVENTORY_ITEM_ID
MTL_SERIAL_NUMBERS_U2	UNIQUE	5	GEN_OBJECT_ID

Sequences

Sequence	Derived Column
MTL_GEN_OBJECT_ID_S	GEN_OBJECT_ID

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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)	(not currently used)
VENDOR_LOT_NUMBER	NULL	VARCHAR2(30)	(not currently used)
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)	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_SERIAL_NUMBERS_TEMP_N1	NOT UNIQUE	1	TRANSACTION_TEMP_ID

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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.

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Foreign Keys

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

QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

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

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QuickCodes Columns (Continued)

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

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
VEHICLE_ITEM_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VENDOR_WARRANTY_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
VOL_DISCOUNT_EXEMPT_FLAG	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
WIP_SUPPLY_TYPE	WIP_SUPPLY	MFG_LOOKUPS
	1	Push
	2	Assembly Pull
	3	Operation Pull
	4	Bulk
	5	Supplier
	6	Phantom
	7	Based on Bill
ENFORCE_SHIP_TO_LOCATION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message
OUTSIDE_OPERATION_UOM_TYPE	OUTSIDE OPERATION UOM TYPE	PO_LOOKUP_CODES
	ASSEMBLY	Assembly Unit of Measure
	RESOURCE	Resource Unit of Measure
QTY_RCV_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
RECEIPT_DAYS_EXCEPTION_CODE	RECEIVING CONTROL LEVEL	PO_LOOKUP_CODES
	NONE	No Receiving Control Enforced
	REJECT	Prevent Receipt of Goods or Services
	WARNING	Display Warning Message

Column Descriptions

Name	Null?	Type	Description
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
SUMMARY_FLAG	NOT NULL	VARCHAR2(1)	Flexfield summary flag
ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flexfield segment enabled flag
START_DATE_ACTIVE	NULL	DATE	Flexfield segment start date
END_DATE_ACTIVE	NULL	DATE	Flexfield segment end date
DESCRIPTION	NULL	VARCHAR2(240)	Item description is maintained in the installation base language only. Translations table (MTL_SYSTEM_ITEMS_TL) holds item descriptions in multiple languages
BUYER_ID	NULL	NUMBER(9)	Buyer identifier
ACCOUNTING_RULE_ID	NULL	NUMBER	Accounting rule identifier
INVOICING_RULE_ID	NULL	NUMBER	Invoicing rule identifier
SEGMENT1	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT2	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT3	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT4	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT5	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT6	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT7	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT8	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT9	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT10	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT11	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT12	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT13	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT14	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT15	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT16	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT17	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT18	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT19	NULL	VARCHAR2(40)	Key flexfield segment
SEGMENT20	NULL	VARCHAR2(40)	Key flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
PURCHASING_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating purchasing item
SHIPPABLE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating shippable item
CUSTOMER_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating customer orderable item
INTERNAL_ORDER_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating internally orderable item
SERVICE_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating service item
INVENTORY_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating inventory item
ENG_ITEM_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating engineering item
INVENTORY_ASSET_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is an inventory asset
PURCHASING_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is purchasable
CUSTOMER_ORDER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is customer orderable
INTERNAL_ORDER_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is internally orderable
SO_TRANSACTIONS_FLAG	NOT NULL	VARCHAR2(1)	Sales order transactions flag
MTL_TRANSACTIONS_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is transactable
STOCK_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item is stockable
BOM_ENABLED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may appear on a BOM
BUILD_IN_WIP_FLAG	NOT NULL	VARCHAR2(1)	Flag indicating item may be built in WIP
REVISION_QTY_CONTROL_CODE	NULL	NUMBER	Revision quantity control code
ITEM_CATALOG_GROUP_ID	NULL	NUMBER	Item catalog group identifier
CATALOG_STATUS_FLAG	NULL	VARCHAR2(1)	Flag indicating item catalog complete
RETURNABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is returnable
DEFAULT_SHIPPING_ORG	NULL	NUMBER	Default shipping organization
COLLATERAL_FLAG	NULL	VARCHAR2(1)	Flag indicating item is collateral item
TAXABLE_FLAG	NULL	VARCHAR2(1)	Flag indicating whether item is taxable
QTY_RCV_EXCEPTION_CODE	NULL	VARCHAR2(25)	Over tolerance receipts processing method code
ALLOW_ITEM_DESC_UPDATE_FLAG	NULL	VARCHAR2(1)	Allow item description updates on PO lines
INSPECTION_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating whether inspection is required upon receipt
RECEIPT_REQUIRED_FLAG	NULL	VARCHAR2(1)	Flag indicating supplier receipt is required before payment

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

Indexes

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

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Sequences

Sequence	Derived Column
MTL_SYSTEM_ITEMS_B_S	INVENTORY_ITEM_ID

Database Triggers

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

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

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

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

Trigger Name : MTL_SYSTEM_ITEMS_T2_BOM
Trigger Time : BEFORE
Trigger Level : ROW
Trigger Event : DELETE

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

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

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

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

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

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

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

```
Trigger Name    : MTL_SYSTEM_ITEMS_T2_VEH
Trigger Time    : AFTER
Trigger Level   : ROW
Trigger Event   : UPDATE
```

This trigger exports Automotive specific Item data to CARaS to maintain data consistency whenever data in Oracle is changed. It calls the Automotive export launcher procedure which validates the Automotive specific data before it exports it to CARaS.
Item data comes from the following tables
ECE_TP_GROUP
ECE_TP_DETAILS
MTL_SYSTEM_ITEMS
MTL_CUSTOMER_ITEMS
MTL_CUSTOMER_ITEM_XREFS
VEH_MTL_CUSTOMER_ITEMS
WSH_CONTAINER_LOAD
The above tables have triggers to export Item data to CARaS.

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

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

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

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

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

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

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

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

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

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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

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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

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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

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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

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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

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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

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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

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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

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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	NOT 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
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	

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_U1	UNIQUE	1	TRANSACTION_INTERFACE_ID

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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

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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 identifier
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

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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 identifier
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.

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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 user'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	

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_LOTS_TEMP_N1	NOT UNIQUE	1	TRANSACTION_TEMP_ID

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Sequences

Sequence	Derived Column
MTL_LOT_NUMERIC_SUFFIX_S	LOT_NUMBER

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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	NOT NULL	NUMBER	Serial transaction identifier – links this table with the corresponding rows in the serial numbers table

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 2	ORGANIZATION_ID TRANSACTION_DATE
MTL_TRANSACTION_LOT_NUMBERS_N3	NOT UNIQUE	1 2	ORGANIZATION_ID LOT_NUMBER
MTL_TRANSACTION_LOT_NUMBERS_N4	NOT UNIQUE	1	TRANSACTION_SOURCE_ID

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MTL_TRANSACTION_REASONS

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

Column Descriptions

Name	Null?	Type	Description
REASON_ID (PK)	NOT NULL	NUMBER	Reason identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REASON_NAME	NOT NULL	VARCHAR2(30)	Reason name
DESCRIPTION	NULL	VARCHAR2(240)	Description of the reason
DISABLE_DATE	NULL	DATE	Date this reason is disabled
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_TRANSACTION_REASONS_U1	UNIQUE	1	REASON_ID

Sequences

Sequence	Derived Column
MTL_TRANSACTION_REASONS_S	REASON_ID

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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 identifier that is associated with this type
TRANSACTION_SOURCE_TYPE_ID	NOT NULL	NUMBER	Transaction source type identifier that is associated with this transaction type

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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

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

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MTL_UNITS_OF_MEASURE_TL

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

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
UNIT_OF_MEASURE (PK)	NOT NULL	VARCHAR2(25)	Unit of measure name
UOM_CODE	NOT NULL	VARCHAR2(3)	Abbreviated unit of measure code
UOM_CLASS	NOT NULL	VARCHAR2(10)	Unit of measure class
BASE_UOM_FLAG	NOT NULL	VARCHAR2(1)	Base unit of measure flag
UNIT_OF_MEASURE_TL	NOT NULL	VARCHAR2(25)	Unit of measure name translation
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Date when the unit can no longer be used to define conversions
DESCRIPTION	NULL	VARCHAR2(50)	Unit of measure description
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UNITS_OF_MEASURE_TL_U1	UNIQUE	1	UNIT_OF_MEASURE
		2	LANGUAGE
MTL_UNITS_OF_MEASURE_TL_U2	UNIQUE	1	UOM_CODE
		2	LANGUAGE

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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

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

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
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

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MTL_UOM_CLASSES_TL

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

Column Descriptions

Name	Null?	Type	Description
UOM_CLASS (PK)	NOT NULL	VARCHAR2(10)	Unit of measure class name (eg, volume, weight)
UOM_CLASS_TL	NOT NULL	VARCHAR2(10)	Unit of measure class name (eg, volume, weight)
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	
SOURCE_LANG	NOT NULL	VARCHAR2(4)	
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
DISABLE_DATE	NULL	DATE	Unit of measure class disable date
DESCRIPTION	NULL	VARCHAR2(50)	Class description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column

Indexes

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

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MTL_UOM_CLASS_CONVERSIONS

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

Foreign Keys

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

Column Descriptions

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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CLASS_CONVERSIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UNIT_OF_MEASURE
MTL_UOM_CLASS_CONVERSIONS_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UOM_CODE

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CLASS_CONVERSIONS_U3	UNIQUE	1	INVENTORY_ITEM_ID
		2	TO_UOM_CLASS

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MTL_UOM_CONVERSIONS

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

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

Foreign Keys

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

QuickCodes Columns

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

Column Descriptions

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

Indexes

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CONVERSIONS_U1	UNIQUE	1	INVENTORY_ITEM_ID
		2	UNIT_OF_MEASURE

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
MTL_UOM_CONVERSIONS_U2	UNIQUE	1	INVENTORY_ITEM_ID
		2	UOM_CODE

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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)

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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

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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

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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

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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

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PO_DISTRIBUTIONS_ALL

PO_DISTRIBUTIONS_ALL contains accounting distribution information for a purchase order shipment line. You need one row for each distribution line you attach to a purchase order shipment. There are four types of documents using distributions in Oracle Purchasing:

- Standard Purchase Orders
- Planned Purchase Orders
- Planned Purchase Order Releases
- Blanket Purchase Order Releases

Each row includes the destination type, requestor ID, quantity ordered and deliver–to location for the distribution.

Oracle Purchasing uses this information to record accounting and requisition information for purchase orders and releases.

PO_DISTRIBUTIONS_ALL is one of five tables storing purchase order and release information.

Some columns in PO_DISTRIBUTIONS_ALL contain information only if certain conditions exist:

- If you autocreate this accounting distribution from a requisition, REQ_DISTRIBUTION_ID corresponds to the ID of the requisition distribution you copy on the purchase order.
- If you use a foreign currency on your purchase order, Oracle Purchasing stores currency conversion information in RATE and RATE_DATE.

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- If you use encumbrance, GL_ENCUMBERED_DATE and GL_ENCUMBERED_PERIOD_NAME contain encumbrance information Oracle Purchasing uses to create journal entries in Oracle General Ledger.

- If you do not autocreate the purchase order from online requisitions, REQ_LINE_REFERENCE_NUM and REQ_HEADER_REFERENCE_NUM contain the requisition number and requisition line number of the corresponding paper requisition. These two columns are not foreign keys to another table.

- If the distribution corresponds to a blanket purchase order release, PO_RELEASE_ID identifies this release.

- If SOURCE_DISTRIBUTION_ID has a value, the distribution is part of a planned purchase order release.

- 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

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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

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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

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Column Descriptions (Continued)

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

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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: Concatenated string of reporting Set of Books ID and currency conversion rate pairs
MRC_ENCUMBERED_AMOUNT	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books Id and encumbered amount for distribution pairs
MRC_UNENCUMBERED_AMOUNT	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and amount unencumbered on the distribution pairs
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Project Manufacturing end item unit number
TAX_RECOVERY_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether tax recovery should be used
RECOVERABLE_TAX	NULL	NUMBER	Recoverable tax amount
NONRECOVERABLE_TAX	NULL	NUMBER	Nonrecoverable tax amount
RECOVERY_RATE	NULL	NUMBER	Percentage of tax that can be recovered

Indexes

Index Name	Index Type	Sequence	Column Name
PO_DISTRIBUTIONS_N1	NOT UNIQUE	1	LINE_LOCATION_ID
PO_DISTRIBUTIONS_N10	NOT UNIQUE	1	BUDGET_ACCOUNT_ID
PO_DISTRIBUTIONS_N11	NOT UNIQUE	1	PO_RELEASE_ID
PO_DISTRIBUTIONS_N12	NOT UNIQUE	2	SOURCE_DISTRIBUTION_ID
PO_DISTRIBUTIONS_N2	NOT UNIQUE	1	REQ_DISTRIBUTION_ID
PO_DISTRIBUTIONS_N3	NOT UNIQUE	1	PO_HEADER_ID
PO_DISTRIBUTIONS_N4	NOT UNIQUE	1	PO_LINE_ID
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

Database Triggers

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```
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.

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PO_HEADERS_ALL

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

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

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

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

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

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PO_HEADER_ID.

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

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

Oracle Purchasing does not use SUMMARY_FLAG and ENABLED_FLAG. Because future 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

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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

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Column Descriptions

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive flexfield segment
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive flexfield segment
CLOSED_CODE	NULL	VARCHAR2(25)	Describes the closure status of the document
USSGL_TRANSACTION_CODE	NULL	VARCHAR2(30)	United States standard general ledger transaction code
GOVERNMENT_CONTEXT	NULL	VARCHAR2(30)	USSGL descriptive flexfield context column
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
ORG_ID	NULL	NUMBER	Operating unit unique identifier
GLOBAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Reserved for country–specific functionality

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country-specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country-specific functionality
INTERFACE_SOURCE_CODE	NULL	VARCHAR2(25)	Audit trail reference (needed for 832 EDI transaction)
REFERENCE_NUM	NULL	VARCHAR2(25)	Audit trail reference (needed for 832 EDI transaction)
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Workflow approval item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Workflow approval item key
MRC_RATE_TYPE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion rate type pairs
MRC_RATE_DATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion date pairs
MRC_RATE	NULL	VARCHAR2(2000)	Multiple Reporting Currencies only: Concatenated string of reporting Set of Books ID and currency conversion rate pairs
PCARD_ID	NULL	NUMBER(15)	Unique identifier for the procurement card used for the order
PRICE_UPDATE_TOLERANCE	NULL	NUMBER	Maximum percentage increase allowed in price/sales catalog update (832 EDI transaction) sent by supplier
PAY_ON_CODE	NULL	VARCHAR2(25)	Indicator of whether the purchase order will be paid upon receipt

Indexes

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

Sequences

Sequence	Derived Column
PO_HEADERS_S	PO_HEADER_ID

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Database Triggers

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

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

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PO_LINES_ALL

PO_LINES_ALL stores current information about each purchase order line. You need one row for each line you attach to a document. There are five document types that use lines:

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

Each row includes the line number, the item number and category, unit, price, tax information, matching information, and quantity ordered for the line. Oracle Purchasing uses this information to record and update item and price information for purchase orders, quotations, and RFQs.

PO_LINE_ID is the unique system–generated line number invisible to the user. LINE_NUM is the number of the line on the purchase order. Oracle Purchasing uses CONTRACT_NUM to reference a contract purchase order from a standard purchase order line. Oracle Purchasing uses ALLOW_PRICE_OVERRIDE_FLAG, COMMITTED_AMOUNT, QUANTITY_COMMITTED, MIN_RELEASE_AMOUNT only for blanket and planned purchase order lines.

The QUANTITY field stores the total quantity of all purchase order shipment lines (found in PO_LINE_LOCATIONS_ALL).

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	NAME	TAX_NAME
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_REVISIONS	REVISION	ITEM_REVISION
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_MEAS_LOOKUP_CODE
MTL_UOM_CLASSES_TL	UOM_CLASS	UNIT_OF_MEASURE_CLASS
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID
PO_HEADERS_ALL	PO_HEADER_ID SEGMENT1	PO_HEADER_ID CONTRACT_NUM
PO_HEADERS_ALL	PO_HEADER_ID	FROM_HEADER_ID
PO_LINES_ALL	PO_LINE_ID	FROM_LINE_ID
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID
PO_UN_NUMBERS_B	UN_NUMBER_ID	UN_NUMBER_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	APPROVED	The Document has been 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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ITEM_REVISION	NULL	VARCHAR2(3)	Item revision
CATEGORY_ID	NULL	NUMBER	Item category unique identifier
ITEM_DESCRIPTION	NULL	VARCHAR2(240)	Item description
UNIT_MEAS_LOOKUP_CODE	NULL	VARCHAR2(25)	Unit of measure for the quantity ordered
QUANTITY_COMMITTED	NULL	NUMBER	Quantity agreed for an agreement line
COMMITTED_AMOUNT	NULL	NUMBER	Amount agreed for an agreement line
ALLOW_PRICE_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicates whether or not you can change the price on releases
NOT_TO_EXCEED_PRICE	NULL	NUMBER	Price limit that you cannot exceed on a release shipment
LIST_PRICE_PER_UNIT	NULL	NUMBER	List price for the item on the line
UNIT_PRICE	NULL	NUMBER	Unit price for the line
QUANTITY	NULL	NUMBER	Quantity ordered on the line
UN_NUMBER_ID	NULL	NUMBER	UN number unique identifier
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
NOTE_TO_VENDOR	NULL	VARCHAR2(240)	Short note to supplier
FROM_HEADER_ID	NULL	NUMBER	Quotation unique identifier
FROM_LINE_ID	NULL	NUMBER	Quotation line unique identifier
MIN_ORDER_QUANTITY	NULL	NUMBER	Minimum order quantity for a quotation line
MAX_ORDER_QUANTITY	NULL	NUMBER	Maximum order quantity for a quotation line
QTY_RCV_TOLERANCE	NULL	NUMBER	Quantity received tolerance percentage
OVER_TOLERANCE_ERROR_FLAG	NULL	VARCHAR2(25)	Indicates whether or not you reject receipts exceeding the tolerance
MARKET_PRICE	NULL	NUMBER	Market price for the item on the line
UNORDERED_FLAG	NULL	VARCHAR2(1)	Indicates whether or not the line was created from unordered receipts
CLOSED_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is closed or not
USER_HOLD_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is on hold or not (Unused since release version 5.0)
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the line is cancelled or not
CANCELLED_BY	NULL	NUMBER(9)	Unique identifier of the employee who cancelled the line
CANCEL_DATE	NULL	DATE	Cancellation date
CANCEL_REASON	NULL	VARCHAR2(240)	Cancellation reason provided by employee
FIRM_STATUS_LOOKUP_CODE	NULL	VARCHAR2(30)	Firming status of the line (Unused since release version 7.0)
FIRM_DATE	NULL	DATE	Date the line becomes 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

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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

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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

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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 Requisitions and is required only if this module is used. There is a prerequisite that ConText be installed. The trigger places a re–index request on the ConText queue.

Trigger Name : PO_LINES_ALL_T2_ICX
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : UPDATE

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

Trigger Name : PO_LINES_ALL_T3_ICX
Trigger Time : AFTER
Trigger Level : ROW
Trigger Event : DELETE

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

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PO_LINE_LOCATIONS_ALL

PO_LINE_LOCATIONS_ALL contains information about purchase order shipment schedules and blanket agreement price breaks. You need one row for each schedule or price break you attach to a document line. There are seven types of documents that use shipment schedules:

- RFQs
- Quotations
- Standard purchase orders
- Planned purchase orders
- Planned purchase order releases
- Blanket purchase orders
- Blanket purchase order releases

Each row includes the location, quantity, and dates for each shipment schedule. Oracle Purchasing uses this information to record delivery schedule information for purchase orders, and price break information for blanket purchase orders, quotations and RFQs.

PO_RELEASE_ID applies only to blanket purchase order release shipments. PO_RELEASE_ID identifies the release on which you placed this shipment.

SOURCE_SHIPMENT_ID applies only to planned purchase order

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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.

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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

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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

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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

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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

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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

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Column Descriptions (Continued)

Name	Null?	Type	Description
GLOBAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE16	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE17	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE18	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE19	NULL	VARCHAR2(150)	Reserved for country–specific functionality
GLOBAL_ATTRIBUTE20	NULL	VARCHAR2(150)	Reserved for country–specific functionality
COUNTRY_OF_ORIGIN_CODE	NULL	VARCHAR2(2)	Country of manufacture for this shipment
TAX_USER_OVERRIDE_FLAG	NULL	VARCHAR2(1)	Indicator of whether someone overrode the default tax
MATCH_OPTION	NULL	VARCHAR2(25)	Indicator of whether the invoice for the shipment should be matched to the purchase order or the receipt
TAX_CODE_ID	NULL	NUMBER	Unique identifier for the tax code
CALCULATE_TAX_FLAG	NULL	VARCHAR2(1)	Indicator of whether tax needs to be calculated
CHANGE_PROMISED_DATE_REASON	NULL	VARCHAR2(240)	Reason for changing the promised–by date

Indexes

Index Name	Index Type	Sequence	Column Name
PO_LINE_LOCATIONS_N1	NOT UNIQUE	1	PO_LINE_ID
PO_LINE_LOCATIONS_N2	NOT UNIQUE	1	PO_HEADER_ID
		2	PO_LINE_ID
PO_LINE_LOCATIONS_N3	NOT UNIQUE	1	SHIP_TO_LOCATION_ID
PO_LINE_LOCATIONS_N4	NOT UNIQUE	1	PROMISED_DATE
PO_LINE_LOCATIONS_N5	NOT UNIQUE	1	PO_RELEASE_ID
PO_LINE_LOCATIONS_N6	NOT UNIQUE	1	CLOSED_BY
PO_LINE_LOCATIONS_N7	NOT UNIQUE	1	CANCELLED_BY
PO_LINE_LOCATIONS_N8	NOT UNIQUE	1	SOURCE_SHIPMENT_ID
PO_LINE_LOCATIONS_N9	NOT UNIQUE	5	FROM_LINE_LOCATION_ID
PO_LINE_LOCATIONS_U1	UNIQUE	1	LINE_LOCATION_ID

Sequences

Sequence	Derived Column
PO_LINE_LOCATIONS_S	LINE_LOCATION_ID

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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

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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 de-livery

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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

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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

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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

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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

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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

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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

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
PO_REQUISITIONS_INTERFACE_N6	NOT UNIQUE	1	PROCESS_FLAG
PO_REQUISITIONS_INTERFACE_U1	UNIQUE	1	TRANSACTION_ID

Sequences

Sequence	Derived Column
PO_REQUISITIONS_INTERFACE_S	TRANSACTION_ID

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PO_REQUISITION_LINES_ALL

PO_REQUISITION_LINES stores information about requisition lines. You need one row for each requisition line you create. Each row contains the line number, item number, item category, item description, need–by date, deliver–to location, item quantities, units, prices, requestor, notes, and suggested supplier information for the requisition line.

LINE_LOCATION_ID identifies the purchase order shipment line on which you placed the requisition. LINE_LOCATION_ID is null if you have not placed the requisition line on a purchase order. BLANKET_PO_HEADER_ID and BLANKET_PO_LINE_NUM store the suggested blanket purchase agreement or catalog quotation line information for the requisition line. PARENT_REQ_LINE_ID contains the REQUISITION_LINE_ID from the original requisition line if you exploded or multisourced this requisition line.

PO_REQUISITION_LINES is one of three tables storing requisition information. This table corresponds to the Lines region of the Requisitions window.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
AP_TAX_CODES_ALL	TAX_ID	TAX_CODE_ID
BOM_RESOURCES	RESOURCE_ID	BOM_RESOURCE_ID
FND_CURRENCIES	CURRENCY_CODE	CURRENCY_CODE
GL_DAILY_CONVERSION_RATES_R10	CONVERSION_DATE	RATE_DATE
GL_DAILY_CONVERSION_TYPES	CONVERSION_TYPE	RATE_TYPE
GL_USSGL_TRANSACTION_CODES	USSGL_TRANSACTION_CODE	USSGL_TRANSACTION_CODE
MTL_CATEGORIES_B	CATEGORY_ID	CATEGORY_ID
MTL_ITEM_REVISIONS	REVISION	ITEM_REVISION
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	SOURCE_SUBINVENTORY
MTL_SECONDARY_INVENTORIES	SECONDARY_INVENTORY_NAME	DESTINATION_SUBINVENTORY
MTL_SYSTEM_ITEMS_B	INVENTORY_ITEM_ID	ITEM_ID
MTL_UNITS_OF_MEASURE_TL	UNIT_OF_MEASURE	UNIT_MEAS_LOOKUP_CODE
MTL_UOM_CLASSES_TL	UOM_CLASS	UNIT_OF_MEASURE_CLASS
PO_AGENTS	AGENT_ID	SUGGESTED_BUYER_ID
PO_DOCUMENT_TYPES_ALL_B	DOCUMENT_TYPE_CODE	DOCUMENT_TYPE_CODE
PO_HAZARD_CLASSES_B	HAZARD_CLASS_ID	HAZARD_CLASS_ID
PO_HEADERS_ALL	PO_HEADER_ID	BLANKET_PO_HEADER_ID
PO_LINES_ALL	LINE_NUM	BLANKET_PO_LINE_NUM
PO_LINE_LOCATIONS_ALL	LINE_LOCATION_ID	LINE_LOCATION_ID
PO_LINE_TYPES_B	LINE_TYPE_ID	LINE_TYPE_ID
PO_REQUISITION_HEADERS_ALL	REQUISITION_HEADER_ID	REQUISITION_HEADER_ID

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Foreign Keys (Continued)

Primary Key Table	Primary Key Column	Foreign Key Column
PO_REQUISITION_LINES_ALL	REQUISITION_LINE_ID	PARENT_REQ_LINE_ID
PO_UN_NUMBERS_B	UN_NUMBER_ID	UN_NUMBER_ID
PO_VENDORS	VENDOR_ID	VENDOR_ID
PO_VENDOR_CONTACTS	VENDOR_CONTACT_ID	VENDOR_CONTACT_ID
PO_VENDOR_SITES_ALL	VENDOR_SITE_ID	VENDOR_SITE_ID
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	WIP_LINE_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	WIP_REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSED_CODE	DOCUMENT STATE	PO_LOOKUP_CODES
	APPROVED	The Document has been 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

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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

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Column Descriptions (Continued)

Name	Null?	Type	Description
BLANKET_PO_HEADER_ID	NULL	NUMBER	Suggested source blanket agreement or catalog quotation header unique identifier
BLANKET_PO_LINE_NUM	NULL	NUMBER	Suggested source blanket agreement or catalog quotation line number
CURRENCY_CODE	NULL	VARCHAR2(15)	Unique identifier for the currency
RATE_TYPE	NULL	VARCHAR2(30)	Currency conversion rate type
RATE_DATE	NULL	DATE	Currency conversion rate date
RATE	NULL	NUMBER	Currency conversion rate
CURRENCY_UNIT_PRICE	NULL	NUMBER	Foreign currency unit price
SUGGESTED_VENDOR_NAME	NULL	VARCHAR2(80)	Suggested supplier name
SUGGESTED_VENDOR_LOCATION	NULL	VARCHAR2(240)	Suggested supplier site name
SUGGESTED_VENDOR_CONTACT	NULL	VARCHAR2(80)	Suggested supplier contact name
SUGGESTED_VENDOR_PHONE	NULL	VARCHAR2(20)	Suggested supplier phone number
SUGGESTED_VENDOR_PRODUCT_CODE	NULL	VARCHAR2(25)	Suggested supplier product number
UN_NUMBER_ID	NULL	NUMBER	UN number unique identifier
HAZARD_CLASS_ID	NULL	NUMBER	Hazard class unique identifier
MUST_USE_SUGG_VENDOR_FLAG	NULL	VARCHAR2(1)	Unused since release 8.0
REFERENCE_NUM	NULL	VARCHAR2(25)	Reference number
ON_RFQ_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition line was placed on an RFQ
URGENT_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition is urgent or not
CANCEL_FLAG	NULL	VARCHAR2(1)	Indicates whether the requisition is cancelled or not
SOURCE_ORGANIZATION_ID	NULL	NUMBER	Inventory source organization unique identifier
SOURCE_SUBINVENTORY	NULL	VARCHAR2(10)	Inventory source subinventory name
DESTINATION_TYPE_CODE	NULL	VARCHAR2(25)	Destination type
DESTINATION_ORGANIZATION_ID	NULL	NUMBER	Destination organization unique identifier
DESTINATION_SUBINVENTORY	NULL	VARCHAR2(10)	Destination subinventory name
QUANTITY_CANCELLED	NULL	NUMBER	Quantity cancelled
CANCEL_DATE	NULL	DATE	Cancel date
CANCEL_REASON	NULL	VARCHAR2(240)	Cancel reason
CLOSED_CODE	NULL	VARCHAR2(25)	Close status
AGENT_RETURN_NOTE	NULL	VARCHAR2(240)	Unused since release 7.0
CHANGED_AFTER_RESEARCH_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
VENDOR_ID	NULL	NUMBER	Supplier unique identifier
VENDOR_SITE_ID	NULL	NUMBER	Supplier site unique identifier
VENDOR_CONTACT_ID	NULL	NUMBER	Supplier contact unique identifier
RESEARCH_AGENT_ID	NULL	NUMBER(9)	Unused since release 7.0
ON_LINE_FLAG	NULL	VARCHAR2(1)	Unused since release 7.0
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
WIP_LINE_ID	NULL	NUMBER	WIP line identifier
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

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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

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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

Indexes

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_LINES_N1	NOT UNIQUE	1	LINE_LOCATION_ID
PO_REQUISITION_LINES_N2	NOT UNIQUE	1	CATEGORY_ID
PO_REQUISITION_LINES_N3	NOT UNIQUE	1	NEED_BY_DATE
PO_REQUISITION_LINES_N4	NOT UNIQUE	1	TO_PERSON_ID
PO_REQUISITION_LINES_N5	NOT UNIQUE	1	SUGGESTED_VENDOR_NAME
PO_REQUISITION_LINES_N6	NOT UNIQUE	1	SUGGESTED_BUYER_ID
PO_REQUISITION_LINES_N7	NOT UNIQUE	1	ITEM_ID

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
PO_REQUISITION_LINES_N8	NOT UNIQUE	1	BLANKET_PO_HEADER_ID
PO_REQUISITION_LINES_N9	NOT UNIQUE	2	WIP_ENTITY_ID
		4	WIP_OPERATION_SEQ_NUM
		6	WIP_RESOURCE_SEQ_NUM
		8	DESTINATION_ORGANIZATION_ID
		10	WIP_REPETITIVE_SCHEDULE_ID
PO_REQUISITION_LINES_U1	UNIQUE	1	REQUISITION_LINE_ID
PO_REQUISITION_LINES_U2	UNIQUE	1	REQUISITION_HEADER_ID
		2	LINE_NUM

Sequences

Sequence	Derived Column
PO_REQUISITION_LINES_S	REQUISITION_LINE_ID

Database Triggers

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

This trigger is executed on insert of a row in PO_REQUISITION_LINES_ALL when TRANSACTION_REASON_CODE is null. TRANSACTION_REASON_CODE is populated from the inventory item, if available, or from PO_SYSTEM_PARAMETERS. This is done only if the country is Brazil (country_code = 'BR') and the Latin America Localizations for Brazil (product_code = 'JL') is installed. For Brazilian PO localizations, TRANSACTION_REASON_CODE is a required field. In all other cases, this trigger does nothing. new.transaction_reason_code is null

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PO_VENDORS

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

Foreign Keys

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

QuickCodes Columns

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

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QuickCodes Columns (Continued)

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

Column Descriptions

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

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Column Descriptions (Continued)

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

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Indexes

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

Sequences

Sequence	Derived Column
PO_VENDORS_S	VENDOR_ID

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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

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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 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 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

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Column Descriptions (Continued)

Name	Null?	Type	Description
REQUEST_ID	NULL	NUMBER	Standard Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Standard Who column
PROGRAM_ID	NULL	NUMBER	Standard Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Standard Who column
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

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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

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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

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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 : 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 when it is created

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.

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WIP_ACCOUNTING_CLASSES

WIP_ACCOUNTING_CLASSES stores accounting flexfield information for standard discrete jobs, non–standard asset jobs, non–standard expense jobs, and repetitive assemblies. Oracle Work in Process stores a General Ledger account for each cost element associated with a class. The CLASS_CODE column uniquely identifies each class. Oracle Work in Process uses this information to create the journal entries that post cost transactions.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	MATERIAL_OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	RESOURCE_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROCESSING_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OUTSIDE_PROC_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	OVERHEAD_VARIANCE_ACCOUNT
GL_CODE_COMBINATIONS	CODE_COMBINATION_ID	STD_COST_ADJUSTMENT_ACCOUNT
WIP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_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
CLASS_CODE (PK)	NOT NULL	VARCHAR2(10)	Accounting class 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
CLASS_TYPE	NOT NULL	NUMBER	Accounting class type code
DESCRIPTION	NULL	VARCHAR2(240)	Description of the Account
DISABLE_DATE	NULL	DATE	Accounting class disable date
MATERIAL_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material charges for a job or schedule
MATERIAL_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material variance charges for a job or schedule
MATERIAL_OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate material overhead charges for a job or schedule

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Column Descriptions (Continued)

Name	Null?	Type	Description
RESOURCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource charges for a job or schedule
RESOURCE_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate resource variance charges for a job or schedule
OUTSIDE_PROCESSING_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing charges for a job or schedule
OUTSIDE_PROC_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate outside processing variance charges for a job or schedule
OVERHEAD_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate overhead charges for a job or schedule
OVERHEAD_VARIANCE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate overhead variance charges for a job or schedule
STD_COST_ADJUSTMENT_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate standard cost adjustment charges for a standard discrete job
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_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

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Column Descriptions (Continued)

Name	Null?	Type	Description
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	Completion cost source of the accounting class for average costing
COST_TYPE_ID	NULL	NUMBER	Cost type Identifier for average costing
BRIDGING_ACCOUNT	NULL	NUMBER	Bridging account
SYSTEM_OPTION_ID	NULL	NUMBER	System option Identifier
EXPENSE_ACCOUNT	NULL	NUMBER	General Ledger account to accumulate expense charges for a job or schedule

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_ACCOUNTING_CLASSES_U1	UNIQUE	1	CLASS_CODE
		2	ORGANIZATION_ID

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WIP_BIS_PERF_TO_PLAN

WIP_BIS_PERF_TO_PLAN contains information about the scheduled and actual production of all assemblies in all organizations for every day in a given date range. The Capture Production Performance concurrent program populates information into this table for a given date range. The WIP Performance to MPS report is based on this table.

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization Identifier
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	Inventory item Identifier for the assembly the job or schedule creates
SCHEDULE_DATE (PK)	NOT NULL	DATE	Production schedule date
SCHEDULE_QUANTITY	NULL	NUMBER	Quantity scheduled for completion
ACTUAL_QUANTITY	NULL	NUMBER	Quantity completed
ITEM_COST	NULL	NUMBER	Cost of making an Item
EXISTING_FLAG (PK)	NOT NULL	NUMBER	Column used to differentiate between the existing data and newly generated data
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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_BIS_PERF_TO_PLAN_N1	NOT UNIQUE	2	INVENTORY_ITEM_ID
		4	ORGANIZATION_ID
WIP_BIS_PERF_TO_PLAN_N2	NOT UNIQUE	2	SCHEDULE_DATE
		4	ORGANIZATION_ID

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WIP_BIS_PROD_ASSY_YIELD

WIP_BIS_PROD_ASSY_YIELD is the summary table that contains information about completions and scrap transactions with reference to a job and assembly. The Capture Production Indicators concurrent program populates this table for a given date range. The WIP Product Quality report is based on this table.

Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books Identifier
SET_OF_BOOKS_NAME	NULL	VARCHAR2(30)	Name of Set of Books
LEGAL_ENTITY_ID	NULL	NUMBER	Legal entity Identifier
LEGAL_ENTITY_NAME	NULL	VARCHAR2(60)	Name of legal entity
OPERATING_UNIT_ID	NULL	NUMBER	Operating unit Identifier
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	Name of operating unit
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
ORGANIZATION_NAME	NULL	VARCHAR2(60)	Name of organization
WIP_ENTITY_ID	NULL	NUMBER	Discrete Job or Flow Schedule Identifier
CATEGORY_ID	NULL	NUMBER	Identifies the category that the item belongs to
CATEGORY_NAME	NULL	VARCHAR2(163)	Name of category item belongs to
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly the job or schedule creates
INVENTORY_ITEM_NAME	NULL	VARCHAR2(40)	Name of assembly inventory item job or schedule creates
LOCATION_ID	NULL	NUMBER	Identifies the geographic location
AREA_CODE	NULL	VARCHAR2(30)	Short code that uniquely identifies the geographic area
AREA_NAME	NULL	VARCHAR2(80)	Name of geographic area
COUNTRY_CODE	NULL	VARCHAR2(60)	Short code that uniquely identifies the country that the organization is located in
COUNTRY_NAME	NULL	VARCHAR2(80)	Name of the country
REGION_CODE	NULL	VARCHAR2(30)	Short code that uniquely identifies the region of the country in which the organization is located
REGION_NAME	NULL	VARCHAR2(80)	Name of the region in which the organization is located
TRANSACTION_DATE	NULL	DATE	Date the transaction takes place
PERIOD_SET_NAME	NULL	VARCHAR2(15)	Accounting Calender
YEAR	NULL	VARCHAR2(15)	Period name for period type accounting calendar year
QUARTER	NULL	VARCHAR2(15)	Period name for period type accounting calendar quarter
MONTH	NULL	VARCHAR2(15)	Period name for period type accounting calendar month
COMPLETED_QUANTITY	NULL	NUMBER	Total number of distinct assemblies completed by the department/resource combination
SCRAP_QUANTITY	NULL	NUMBER	Total number of distinct assemblies scrapped by the department/resource combination

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Column Descriptions (Continued)

Name	Null?	Type	Description
EXISTING_FLAG	NULL	NUMBER	Column used to differentiate between existing data and newly generated data
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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_BIS_PROD_ASSY_YIELD_N1	NOT UNIQUE	1	TRANSACTION_DATE
		2	SET_OF_BOOKS_ID
		3	CATEGORY_ID
		4	AREA_CODE
WIP_BIS_PROD_ASSY_YIELD_N2	NOT UNIQUE	1	TRANSACTION_DATE
		2	LEGAL_ENTITY_ID
		3	CATEGORY_ID
		5	AREA_CODE
WIP_BIS_PROD_ASSY_YIELD_N3	NOT UNIQUE	1	TRANSACTION_DATE
		2	OPERATING_UNIT_ID
		3	CATEGORY_ID
		5	AREA_CODE
WIP_BIS_PROD_ASSY_YIELD_N4	NOT UNIQUE	1	TRANSACTION_DATE
		2	ORGANIZATION_ID
		3	CATEGORY_ID
		5	AREA_CODE

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WIP_BIS_PROD_DEPT_YIELD

WIP_BIS_PROD_DEPT_YIELD is the summary table that contains information about yield with reference to a job, assembly, and department. It includes information about assemblies scrapped at each department operation. The Capture Production Indicators concurrent program populates this table for a given date range. The WIP Product Quality report is based on this table.

Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books Identifier
SET_OF_BOOKS_NAME	NULL	VARCHAR2(30)	Name of Set of Books
LEGAL_ENTITY_ID	NULL	NUMBER	Legal Entity Identifier
LEGAL_ENTITY_NAME	NULL	VARCHAR2(60)	Name of Legal Entity
OPERATING_UNIT_ID	NULL	NUMBER	Operating Unit Identifier
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	Name of Operating Unit
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
ORGANIZATION_NAME	NULL	VARCHAR2(60)	Name of Organization
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Short code uniquely identifying the department
WIP_ENTITY_ID	NULL	NUMBER	Discrete Job/ Flow Schedule Identifier
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly that the job or schedule creates
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
LOCATION_ID	NULL	NUMBER	Geographic location Identifier
AREA_CODE	NULL	VARCHAR2(30)	Short code uniquely identifying the geographic area
AREA_NAME	NULL	VARCHAR2(80)	Name of geographic area
COUNTRY_CODE	NULL	VARCHAR2(60)	Short code uniquely identifying the country the organization is in
COUNTRY_NAME	NULL	VARCHAR2(80)	Name of the country
REGION_CODE	NULL	VARCHAR2(30)	Short code uniquely identifying the specific region in the country
REGION_NAME	NULL	VARCHAR2(80)	Name of the region
TRANSACTION_DATE	NULL	DATE	Transaction date
PERIOD_SET_NAME	NULL	VARCHAR2(15)	Accounting Calender
YEAR	NULL	VARCHAR2(15)	Accounting calendar year
QUARTER	NULL	VARCHAR2(15)	Accounting calendar quarter
MONTH	NULL	VARCHAR2(15)	Accounting calendar month
TOTAL_QUANTITY	NULL	NUMBER	Total number of distinct assemblies worked on by the department/resource combination
SCRAP_QUANTITY	NULL	NUMBER	Total number of distinct assemblies scrapped by the department/resource combination
EXISTING_FLAG	NULL	NUMBER	Column used to differentiate between already existing data and newly generated data
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_BIS_PROD_DEPT_YIELD_N1	NOT UNIQUE	1	TRANSACTION_DATE
		2	SET_OF_BOOKS_ID
		3	AREA_CODE
		5	COUNTRY_CODE
WIP_BIS_PROD_DEPT_YIELD_N2	NOT UNIQUE	1	TRANSACTION_DATE
		2	LEGAL_ENTITY_ID
		3	AREA_CODE
		5	COUNTRY_CODE
WIP_BIS_PROD_DEPT_YIELD_N3	NOT UNIQUE	1	TRANSACTION_DATE
		2	OPERATING_UNIT_ID
		3	AREA_CODE
		5	COUNTRY_CODE
WIP_BIS_PROD_DEPT_YIELD_N4	NOT UNIQUE	1	TRANSACTION_DATE
		2	ORGANIZATION_ID
		3	AREA_CODE
		5	COUNTRY_CODE
WIP_BIS_PROD_DEPT_YIELD_N5	NOT UNIQUE	1	TRANSACTION_DATE
		2	DEPARTMENT_ID
		3	AREA_CODE
		5	COUNTRY_CODE

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WIP_BIS_PROD_INDICATORS

WIP_BIS_PROD_INDICATORS is the summary table that contains information about productivity, utilization and yield with reference to a job, assembly, department, or resource. The Capture Production Indicators concurrent program populates this table for a given date range. The WIP Production Efficiency and Resource Utilization reports are based on this table.

Column Descriptions

Name	Null?	Type	Description
SET_OF_BOOKS_ID	NULL	NUMBER	Set of Books Identifier
SET_OF_BOOKS_NAME	NULL	VARCHAR2(30)	Name of Set of Books
LEGAL_ENTITY_ID	NULL	NUMBER	Legal entity Identifier
LEGAL_ENTITY_NAME	NULL	VARCHAR2(60)	Name of legal entity
OPERATING_UNIT_ID	NULL	NUMBER	Operating unit Identifier
OPERATING_UNIT_NAME	NULL	VARCHAR2(60)	Name of operating unit
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
ORGANIZATION_NAME	NULL	VARCHAR2(60)	Name of organization
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
REQUEST_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Short code uniquely identifying the department
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
RESOURCE_ID	NULL	NUMBER	Resource Identifier
RESOURCE_CODE	NULL	VARCHAR2(10)	Short code that uniquely identifies the resource
LOCATION_ID	NULL	NUMBER	Geographic location Identifier
AREA_CODE	NULL	VARCHAR2(30)	Short code that uniquely identifies the geographic area
AREA_NAME	NULL	VARCHAR2(80)	Name of geographic area
COUNTRY_CODE	NULL	VARCHAR2(60)	Short code that uniquely identifies the country in which the organization is located
COUNTRY_NAME	NULL	VARCHAR2(80)	Name of the country
REGION_CODE	NULL	VARCHAR2(30)	Short code that uniquely identifies the region in the country in which the organization is located
REGION_NAME	NULL	VARCHAR2(80)	Name of the region
CATEGORY_ID	NULL	NUMBER	Identifier for the category that the item belongs to
CATEGORY_NAME	NULL	VARCHAR2(163)	Name of category item belongs to
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly the job or schedule creates
INVENTORY_ITEM_NAME	NULL	VARCHAR2(40)	Name of assembly
PERIOD_SET_NAME	NULL	VARCHAR2(15)	Accounting Calender
WIP_ENTITY_ID	NULL	NUMBER	Discrete Job/Flow Schedule Identifier
TRANSACTION_DATE	NULL	DATE	Transaction date
YEAR	NULL	VARCHAR2(15)	Year in which the transaction occurs
QUARTER	NULL	VARCHAR2(15)	Quarter in which the transaction occurs

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Column Descriptions (Continued)

Name	Null?	Type	Description
MONTH	NULL	VARCHAR2(15)	Month in which the transaction takes place
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number
TOTAL_QUANTITY	NULL	NUMBER	Total number of distinct assemblies worked on by the department/resource combination
SCRAP_QUANTITY	NULL	NUMBER	Total number of distinct assemblies scrapped by the department/resource combination
STANDARD_HOURS	NULL	NUMBER	Number of standard units required for a resource in the department on the transaction date
APPLIED_HOURS_PRD	NULL	NUMBER	Number of actual units worked by the resource in the department on the transaction date from productivity perspective.
APPLIED_HOURS_UTZ	NULL	NUMBER	Number of actual units worked by the resource in the department on the transaction date from utilization perspective
AVAILABLE_HOURS	NULL	NUMBER	Number of units available for the resource in the department on the transaction date
EXISTING_FLAG	NULL	NUMBER	Column used to differentiate between already existing data and newly generated data
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
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
INDICATOR_TYPE	NULL	NUMBER	The indicator type that this record represents
SHARE_FROM_DEPT_ID	NULL	NUMBER	The department from which the resource is shared, if any

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_BIS_PROD_INDICATORS_N1	NOT UNIQUE	1	INDICATOR_TYPE
		2	TRANSACTION_DATE
		4	SET_OF_BOOKS_ID
		6	CATEGORY_ID
		8	AREA_CODE
WIP_BIS_PROD_INDICATORS_N2	NOT UNIQUE	9	INDICATOR_TYPE
		10	TRANSACTION_DATE
		12	LEGAL_ENTITY_ID
		14	CATEGORY_ID
		16	AREA_CODE
WIP_BIS_PROD_INDICATORS_N3	NOT UNIQUE	1	INDICATOR_TYPE
		2	TRANSACTION_DATE
		3	OPERATING_UNIT_ID
		4	CATEGORY_ID
		5	AREA_CODE
WIP_BIS_PROD_INDICATORS_N4	NOT UNIQUE	1	INDICATOR_TYPE
		2	TRANSACTION_DATE
		3	ORGANIZATION_ID
		4	CATEGORY_ID
		5	AREA_CODE

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Indexes (Continued)

Index Name	Index Type	Sequence	Column Name
WIP_BIS_PROD_INDICATORS_N5	NOT UNIQUE	1	INDICATOR_TYPE
		2	TRANSACTION_DATE
		3	DEPARTMENT_ID
		4	CATEGORY_ID
		5	AREA_CODE
WIP_BIS_PROD_INDICATORS_N6	NOT UNIQUE	1	INDICATOR_TYPE
		2	TRANSACTION_DATE
		3	DEPARTMENT_ID
		4	RESOURCE_ID
		5	CATEGORY_ID
		6	AREA_CODE

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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

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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

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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

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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

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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

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WIP_DEF_CAT_ACC_CLASSES

WIP_DEF_CAT_ACC_CLASSES stores accounting classes by category and possibly by cost group. Information is entered into this table using the Default WIP Accounting Classes for Categories window in Oracle Cost Management.

Column Descriptions

Name	Null?	Type	Description
CATEGORY_ID (PK)	NOT NULL	NUMBER	Category Identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization Identifier
COST_GROUP_ID (PK)	NULL	NUMBER	Cost Group Identifier
STD_DISCRETE_CLASS	NULL	VARCHAR2(10)	Standard discrete WIP accounting class
REPETITIVE_ASSY_CLASS	NULL	VARCHAR2(10)	Repetitive assembly WIP accounting class
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	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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_DEF_CAT_ACC_CLASSES_U1	UNIQUE	2	ORGANIZATION_ID
		4	CATEGORY_ID
		6	COST_GROUP_ID

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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

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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

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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

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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 replenished 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

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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

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.

```
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
```

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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.

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WIP_DJ_CLOSE_TEMP

WIP_DJ_CLOSE_TEMP is a temporary table that holds information for discrete jobs that have a status of Pending Close. Oracle Work in Process inserts records into this table from the Close Discrete Jobs window and also the Discrete Job Close process. Records are deleted from this table once jobs are closed.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
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
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
WIP_ENTITY_NAME	NOT NULL	VARCHAR2(240)	WIP job or repetitive assembly name
STATUS_TYPE	NOT NULL	NUMBER	Status of job
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly the job creates
ACTUAL_CLOSE_DATE	NULL	DATE	Date the job closed
GROUP_ID	NOT NULL	NUMBER	Processing group Identifier

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_DJ_CLOSE_TEMP_N1	NOT UNIQUE	1	GROUP_ID
WIP_DJ_CLOSE_TEMP_U1	UNIQUE	1	WIP_ENTITY_ID

Sequences

Sequence	Derived Column
WIP_DJ_CLOSE_TEMP_S	GROUP_ID

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WIP_EMPLOYEE_LABOR_RATES

WIP_EMPLOYEE_LABOR_RATES stores information about employee labor rates. Each row represents an employee's hourly labor rate as of a certain effective date. This information is used when you charge a resource at an actual labor rate rather than the standard cost of the resource. Information is entered into this table using the Employee Labor Rates window.

Foreign Keys

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

Column Descriptions

Name	Null?	Type	Description
EMPLOYEE_ID (PK)	NOT NULL	NUMBER	Employee Identifier
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization Identifier
EFFECTIVE_DATE (PK)	NOT NULL	DATE	Date on which the hourly labor rate becomes 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
HOURLY_LABOR_RATE	NOT NULL	NUMBER	Hourly rate to use when charging the employee's labor
COMPENSATION_RULE_SET	NULL	VARCHAR2(20)	Internal use only (future compatibility with Project Accounting tables)
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

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Indexes

Index Name	Index Type	Sequence	Column Name
WIP_EMPLOYEE_LABOR_RATES_U1	UNIQUE	1	EMPLOYEE_ID
		2	ORGANIZATION_ID
		3	EFFECTIVE_DATE

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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

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Sequences

Sequence	Derived Column
WIP_ENTITIES_S	WIP_ENTITY_ID

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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

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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

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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 replenished 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

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Column Descriptions (Continued)

Name	Null?	Type	Description
CURRENT_LINE_OPERATION	NULL	NUMBER	The line operation where the assembly is in production

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.

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WIP_INDICATORS_TEMP

WIP_INDICATORS_TEMP is the temporary table that is used to calculate production indicators, such as productivity, utilization, and yield, from transaction information. The table is used as a transient table by the Capture Production Indicators concurrent program for a given date range.

Column Descriptions

Name	Null?	Type	Description
GROUP_ID	NOT NULL	NUMBER	Identifies the set of records created for and used by a particular report instance
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
WIP_ENTITY_ID	NULL	NUMBER	Discrete Job/Flow Schedule Identifier
OPERATION_SEQ_NUM	NULL	NUMBER	Operation sequence number for the wip entity.
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
DEPARTMENT_CODE	NULL	VARCHAR2(10)	Short code uniquely identifying the department
RESOURCE_ID	NULL	NUMBER	Resource Identifier
RESOURCE_CODE	NULL	VARCHAR2(10)	Short code uniquely identifying the resource
TRANSACTION_DATE	NULL	DATE	Transaction date
SHIFT_NUM	NULL	NUMBER	Shift information for Production Control Board
STANDARD_QUANTITY	NULL	NUMBER	Number of distinct assemblies worked on by the department
TOTAL_QUANTITY	NULL	NUMBER	Total number of distinct assemblies worked on by the department/resource combination
SCRAP_QUANTITY	NULL	NUMBER	Total number of distinct assemblies scrapped by the department/resource combination
STANDARD_UNITS	NULL	NUMBER	Number of standard units required for a resource in the department on the transaction date
APPLIED_UNITS_PRD	NULL	NUMBER	Number of actual units worked by the resource in the department on the transaction date from productivity perspective
APPLIED_UNITS_UTZ	NULL	NUMBER	Number of actual units worked by the resource in the department on the transaction date from utilization perspective
AVAILABLE_UNITS	NULL	NUMBER	Number of units available for the resource in the department on the transaction date
RESOURCE_COST	NULL	NUMBER	Hourly rate of the resource
RESOURCE_BASIS	NULL	NUMBER	Temporary column for calculating the Lot based resource charges for productivity

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Column Descriptions (Continued)

Name	Null?	Type	Description
INDICATOR_TYPE	NULL	NUMBER	Indicator column that holds information about the type of indicator that is being calculated: 1 – Productivity, 2 – Utilization, and 3 – Yield
PROCESS_PHASE	NULL	NUMBER	Temporary column that is used for internal calculations of productivity, utilization and yield
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
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
LINE_ID	NULL	NUMBER	WIP line Identifier
AVAILABLE_QUANTITY	NULL	NUMBER	Available production rate for the line
REQUIRED_QUANTITY	NULL	NUMBER	Required Production rate for the line
REQUIRED_HOURS	NULL	NUMBER	Number of units required for the resource in the department on the transaction date
SHARE_FROM_DEPT_ID	NULL	NUMBER	Department from which the resource is shared, if any.

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_INDICATORS_TEMP_N1	NOT UNIQUE	1	INDICATOR_TYPE
		2	PROCESS_PHASE
		3	GROUP_ID
		4	ORGANIZATION_ID
		5	DEPARTMENT_ID
		6	RESOURCE_ID
		7	TRANSACTION_DATE

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WIP_INTERFACE_ERRORS

WIP_INTERFACE_ERRORS stores the text of errors or warnings issued when loading information through the WIP Scheduling and Open Job and Schedule interfaces. It also stores information about the load requests that generate the errors. When the WIP Mass Load program loads records from the WIP Scheduling Interface, you can print a report showing these errors.

Column Descriptions

Name	Null?	Type	Description
INTERFACE_ID	NOT NULL	NUMBER	Uniquely identifies the request that produced the error
ERROR_TYPE	NOT NULL	NUMBER	Type of error
ERROR	NULL	VARCHAR2(500)	Error text
LAST_UPDATE_DATE	NULL	DATE	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
LAST_UPDATED_BY	NULL	NUMBER	Standard Who column

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WIP_JOB_DTLS_INTERFACE

WIP_JOB_DTLS_INTERFACE contains requests to add, delete, and modify material, resource, resource usage, and scheduling requirements for new or existing Discrete jobs. Third party Applications products place requests in this table in order to load material and resource requirement information into WIP. The API WIP_JOB_DETAILS.Load_Job_Details processes data in the table and loads them into WIP.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_JOB_SCHEDULE_INTERFACE	HEADER_ID	PARENT_HEADER_ID

Column Descriptions

Name	Null?	Type	Description
INTERFACE_ID	NULL	NUMBER	Interface Identifier
GROUP_ID	NULL	NUMBER	Processing group Identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly Identifier
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation sequence number within a routing
RESOURCE_SEQ_NUM	NULL	NUMBER	Resource sequence number
RESOURCE_ID_OLD	NULL	NUMBER	Resource Identifier existing in current jobs/schedules
RESOURCE_ID_NEW	NULL	NUMBER	Resource Identifier to be added or changed
USAGE_RATE_OR_AMOUNT	NULL	NUMBER	Rate per assembly or amount per job or schedule
SCHEDULED_FLAG	NULL	NUMBER	Method of scheduling the resource
ASSIGNED_UNITS	NULL	NUMBER	Number of resources assigned to work
APPLIED_RESOURCE_UNITS	NULL	NUMBER	Amount of resource units charged
APPLIED_RESOURCE_VALUE	NULL	NUMBER	Value of resource units charged
UOM_CODE	NULL	VARCHAR2(3)	Unit of measure code
BASIS_TYPE	NULL	NUMBER	Basis for scheduling and charging resource
ACTIVITY_ID	NULL	NUMBER	Activity Identifier
AUTOCHARGE_TYPE	NULL	NUMBER	Method of charging the resource
STANDARD_RATE_FLAG	NULL	NUMBER	Indicates whether the resource is charged at the standard rate
START_DATE	NULL	DATE	Scheduled start date of the resource
COMPLETION_DATE	NULL	DATE	Scheduled completion date of the resource
INVENTORY_ITEM_ID_OLD	NULL	NUMBER	Old material requirement Identifier
INVENTORY_ITEM_ID_NEW	NULL	NUMBER	New material requirement Identifier
QUANTITY_PER_ASSEMBLY	NULL	NUMBER	Part usage quantity
DEPARTMENT_ID	NULL	NUMBER	Department Identifier
WIP_SUPPLY_TYPE	NULL	NUMBER	Method of material consumption within WIP

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Column Descriptions (Continued)

Name	Null?	Type	Description
DATE_REQUIRED	NULL	DATE	Operation requirement start date
REQUIRED_QUANTITY	NULL	NUMBER	Part quantity required
QUANTITY_ISSUED	NULL	NUMBER	Part quantity issued
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	NULL	NUMBER	Indicates 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
LOAD_TYPE	NOT NULL	NUMBER	Material or resource requirement
SUBSTITUTION_TYPE	NOT NULL	NUMBER	Add, delete or change
PROCESS_PHASE	NOT NULL	NUMBER	Process phase
PROCESS_STATUS	NOT NULL	NUMBER	Process status
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
PARENT_HEADER_ID	NULL	NUMBER	Identifies this row's parent in WIP_JOB_SCHEDULE_INTERFACE
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
STANDARD_OPERATION_ID	NULL	NUMBER	Standard Operation Identifier
FIRST_UNIT_START_DATE	NULL	DATE	First unit scheduled receipt date
FIRST_UNIT_COMPLETION_DATE	NULL	DATE	First unit scheduled completion date
LAST_UNIT_START_DATE	NULL	DATE	Last unit scheduled receipt date
LAST_UNIT_COMPLETION_DATE	NULL	DATE	Last unit scheduled completion date
MINIMUM_TRANSFER_QUANTITY	NULL	NUMBER	Minimum operation transfer quantity
BACKFLUSH_FLAG	NULL	NUMBER	Backflush control code
COUNT_POINT_TYPE	NULL	NUMBER	Count Point Type
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield

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Column Descriptions (Continued)

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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_JOB_DTLS_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID
		2	WIP_ENTITY_ID
		3	ORGANIZATION_ID
		4	LOAD_TYPE
		5	SUBSTITUTION_TYPE

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WIP_JOB_SCHEDULE_INTERFACE

WIP_JOB_SCHEDULE_INTERFACE contains requests to create or modify Discrete jobs or to create pending Repetitive schedules. Several non–WIP Oracle Applications products place requests in this table in order to load job and schedule information into WIP. You can use this table to load data into WIP from external sources by following the guidelines laid out in the Oracle Work in Process Work Order Interface documentation. The concurrent program WICMLX processes rows in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_BILL_OF_MATERIALS	ORGANIZATION_ID ASSEMBLY_ITEM_ID ALTERNATE_BOM_DESIGNATOR	ORGANIZATION_ID PRIMARY_ITEM_ID ALTERNATE_BOM_DESIGNATOR
BOM_OPERATIONAL_ROUTINGS	ORGANIZATION_ID ASSEMBLY_ITEM_ID ALTERNATE_ROUTING_DESIGNATOR	ORGANIZATION_ID PRIMARY_ITEM_ID ALTERNATE_ROUTING_DESIGNATOR
MTL_KANBAN_CARDS	KANBAN_CARD_ID	KANBAN_CARD_ID
PJM_UNIT_NUMBERS	UNIT_NUMBER	END_ITEM_UNIT_NUMBER
WIP_ACCOUNTING_CLASSES	CLASS_CODE ORGANIZATION_ID	CLASS_CODE ORGANIZATION_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID
WIP_LINES	LINE_ID	LINE_ID
WIP_PARAMETERS	ORGANIZATION_ID	ORGANIZATION_ID
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ALLOW_EXPLOSION	YES_NO	FND_LOOKUPS
	N	No
	Y	Yes
FIRM_PLANNED_FLAG	SYS_YES_NO	MFG_LOOKUPS
	1	Yes
	2	No
LOAD_TYPE	WIP_LOAD_TYPE	MFG_LOOKUPS
	1	Create Standard Job
	2	Create Repetitive Schedule
	3	Update Discrete Job
	4	Create Non–standard Job
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

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	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
INTERFACE_ID	NULL	NUMBER	Interface 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)	Last updated by name
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY_NAME	NULL	VARCHAR2(100)	Name of person who created the interface records
CREATED_BY	NULL	NUMBER	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
REQUEST_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
GROUP_ID	NULL	NUMBER	Processing group Identifier
SOURCE_CODE	NULL	VARCHAR2(30)	Code of the process that generated the interface record
PROCESS_PHASE	NULL	NUMBER	Process phase
PROCESS_STATUS	NULL	NUMBER	Process status
SOURCE_LINE_ID	NULL	NUMBER	Identifier of the source system that generated the interface record
ORGANIZATION_CODE	NULL	VARCHAR2(3)	Short code that uniquely identifies the organization
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
LOAD_TYPE	NOT NULL	NUMBER	Type of interface record
STATUS_TYPE	NULL	NUMBER	Status of the job or repetitive schedule to be loaded
FIRST_UNIT_START_DATE	NULL	DATE	Date job or schedule should start
FIRST_UNIT_COMPLETION_DATE	NULL	DATE	Date job or schedule should complete the first unit
LAST_UNIT_START_DATE	NULL	DATE	Date job or schedule should begin processing the last unit
LAST_UNIT_COMPLETION_DATE	NULL	DATE	Date job or schedule should end
SCHEDULING_METHOD	NULL	NUMBER	Scheduling method
PROCESSING_WORK_DAYS	NULL	NUMBER	Processing days of repetitive schedule
DAILY_PRODUCTION_RATE	NULL	NUMBER	Schedule daily quantity
LINE_ID	NULL	NUMBER	WIP line Identifier
LINE_CODE	NULL	VARCHAR2(10)	Line Code

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Column Descriptions (Continued)

Name	Null?	Type	Description
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly that the job or repetitive schedule creates
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 scheduling of nonstandard job
ROUTING_REVISION	NULL	VARCHAR2(3)	Revision to the assembly routing
BOM_REVISION	NULL	VARCHAR2(3)	Revision to the bill of material
BOM_REVISION_DATE	NULL	DATE	Date of inventory item revision used to explode the bill of materials used in the job or schedule
ROUTING_REVISION_DATE	NULL	DATE	Routing revision date
COMPLETION_SUBINVENTORY	NULL	VARCHAR2(10)	Completion subinventory
COMPLETION_LOCATOR_ID	NULL	NUMBER	Completion locator Identifier
COMPLETION_LOCATOR_SEGMENTS	NULL	VARCHAR2(2000)	Completion locator segments
WIP_SUPPLY_TYPE	NULL	NUMBER	Method of material consumption within WIP
CLASS_CODE	NULL	VARCHAR2(10)	Accounting class associated with job or repetitive assembly
LOT_NUMBER	NULL	VARCHAR2(30)	Default lot number to assign to assemblies completed from the job
JOB_NAME	NULL	VARCHAR2(240)	WIP job name
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
FIRM_PLANNED_FLAG	NULL	NUMBER	Control for MRP rescheduling
ALTERNATE_ROUTING_DESIGNATOR	NULL	VARCHAR2(10)	Alternate routing used in a job or repetitive schedule
ALTERNATE_BOM_DESIGNATOR	NULL	VARCHAR2(10)	Alternate bill of material used in job or schedule
SCHEDULE_GROUP_ID	NULL	NUMBER	Schedule group Identifier
SCHEDULE_GROUP_NAME	NULL	VARCHAR2(30)	Schedule group name
BUILD_SEQUENCE	NULL	NUMBER	Build sequence
PROJECT_ID	NULL	NUMBER	Project Identifier
PROJECT_NUMBER	NULL	VARCHAR2(25)	Project number
TASK_ID	NULL	NUMBER	Task Identifier
TASK_NUMBER	NULL	VARCHAR2(25)	Task number
END_ITEM_UNIT_NUMBER	NULL	VARCHAR2(30)	Assembly unit number Identifier to support Project Manufacturing in Model Unit Effectivity.
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the job or schedule satisfies
NET_QUANTITY	NULL	NUMBER	Job net quantity
START_QUANTITY	NULL	NUMBER	Job start quantity
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly Identifier
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule Identifier
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 this entity is allowed to complete

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Column Descriptions (Continued)

Name	Null?	Type	Description
KANBAN_CARD_ID	NULL	NUMBER	Production kanban replenished by the WIP entity being created
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
PRIORITY	NULL	NUMBER	Priority to assign to the job being created
DUE_DATE	NULL	DATE	Due date of the job that is being created
ALLOW_EXPLOSION	NULL	VARCHAR2(1)	Determines whether you can run the exploder, thereby creating child records in addition to the job header record
HEADER_ID	NULL	NUMBER	Uniquely identifies this request so that it can be referenced by child requests in other interfaces

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_JOB_SCHEDULE_INTERFACE_N1	NOT UNIQUE	1	GROUP_ID
		2	LOAD_TYPE
		3	ORGANIZATION_ID

Sequences

Sequence	Derived Column
WIP_JOB_SCHEDULE_INTERFACE_S	GROUP_ID

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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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATP_RULE_ID	NULL	NUMBER	Identifies ATP Rule, which is used for ATP/CTP projects
EXCEPTION_SET_NAME	NULL	VARCHAR2(10)	Exception set name used in Planning

Indexes

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

Sequences

Sequence	Derived Column
WIP_LINES_S	LINE_ID

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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

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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
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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

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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

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WIP_MOVE_TXN_ALLOCATIONS

WIP_MOVE_TXN_ALLOCATIONS stores Move quantity information for single shop floor Move transactions that transcend multiple repetitive schedules. Oracle Work in Process creates a row for each repetitive schedule it transacts along with the Move transaction identifier from WIP_MOVE_TRANSACTIONS and the primary and alternate units of measure quantities. Oracle Work in Process allocates shop floor Move quantities to repetitive schedules based on a FIFO algorithm, which records quantities against the oldest schedule first.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_MOVE_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_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 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
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
PRIMARY_QUANTITY	NOT NULL	NUMBER	Transaction quantity expressed in primary unit of measure of the assembly

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_MOVE_TXN_ALLOCATIONS_U1	UNIQUE	1	TRANSACTION_ID
		2	REPETITIVE_SCHEDULE_ID
		3	ORGANIZATION_ID
WIP_MOVE_TXN_ALLOCATIONS_U2	UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	TRANSACTION_ID
		3	ORGANIZATION_ID

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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

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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

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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

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Sequences

Sequence	Derived Column
WIP_TRANSACTIONS_S	TRANSACTION_ID
WIP_TRANSACTIONS_S	GROUP_ID

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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 count point 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

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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
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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

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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

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WIP_OPERATION_OVERHEADS

WIP_OPERATION_OVERHEADS stores information about resource–based and departmental overhead costs for jobs in an average costing organization. For departmental overheads, each row represents overhead costs earned by and relieved from a job at each operation and that have a resource sequence number of –1. For resource based overheads, each row represents overhead costs earned by and relieved from a job for each resource and operation.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
BOM_RESOURCES	RESOURCE_ID	OVERHEAD_ID
WIP_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM	WIP_ENTITY_ID OPERATION_SEQ_NUM

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job Identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number
OVERHEAD_ID (PK)	NOT NULL	NUMBER	Overhead Identifier
RESOURCE_SEQ_NUM (PK)	NOT NULL	NUMBER	Resource sequence number
BASIS_TYPE (PK)	NOT NULL	NUMBER	Basis for charging costs
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
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier
APPLIED_OVHD_UNITS	NULL	NUMBER	Units of overhead applied based on basis type
APPLIED_OVHD_VALUE	NULL	NUMBER	Value of overhead applied based on basis type
RELIEVED_OVHD_COMPLETION_UNITS	NULL	NUMBER	Units of overhead relieved due to WIP completion
RELIEVED_OVHD_SCRAP_UNITS	NULL	NUMBER	Units of overhead relieved due to WIP scrap
RELIEVED_OVHD_COMPLETION_VALUE	NULL	NUMBER	Value of overhead relieved due to WIP completion
RELIEVED_OVHD_SCRAP_VALUE	NULL	NUMBER	Value of overhead relieved due to WIP scrap
RELIEVED_VARIANCE_VALUE	NULL	NUMBER	Value of variance relieved
TEMP_RELIEVED_VALUE	NULL	NUMBER	Temporary column used in completion cost implementation
RELIEVED_OVHD_FINAL_COMP_UNITS	NULL	NUMBER	Units of overhead relieved due to negative final completion

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Indexes

Index Name	Index Type	Sequence	Column Name
WIP_OPERATION_OVERHEADS_U1	UNIQUE	2	WIP_ENTITY_ID
		4	OPERATION_SEQ_NUM
		6	OVERHEAD_ID
		8	RESOURCE_SEQ_NUM
		10	BASIS_TYPE

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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

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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

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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	NOT 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

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

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WIP_OPERATION_RESOURCE_USAGE

WIP_OPERATION_RESOURCE_USAGE stores information about the use of resources associated with job and repetitive schedule operations. Each row represents a resource usage in a valid shift for that particular resource. It also contains the assigned units in each of these shifts. Oracle Manufacturing Scheduling uses this information to schedule discrete jobs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_OPERATION_RESOURCES	WIP_ENTITY_ID	WIP_ENTITY_ID
	OPERATION_SEQ_NUM	OPERATION_SEQ_NUM
	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID
	RESOURCE_SEQ_NUM	RESOURCE_SEQ_NUM

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID	NOT NULL	NUMBER	Entity using the resource
OPERATION_SEQ_NUM	NOT NULL	NUMBER	Operation using the resource
RESOURCE_SEQ_NUM	NOT NULL	NUMBER	Resource whose usage is being specified
REPETITIVE_SCHEDULE_ID	NOT NULL	NUMBER	Repetitive schedule using the resource
ORGANIZATION_ID	NOT NULL	NUMBER	Organization owning the resource
START_DATE	NOT NULL	DATE	Start time for this usage block
COMPLETION_DATE	NOT NULL	DATE	End time for this usage block
ASSIGNED_UNITS	NOT NULL	NUMBER	Capacity for this duration
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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_OP_RES_USAGE_U1	UNIQUE	1	WIP_ENTITY_ID
		2	ORGANIZATION_ID
		3	OPERATION_SEQ_NUM
		4	RESOURCE_SEQ_NUM
		5	REPETITIVE_SCHEDULE_ID
		6	START_DATE
		7	COMPLETION_DATE

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WIP_PAC_ACTUAL_COST_DETAILS

Stores the actual cost of WIP transactions for each WIP entity in a cost group by period. Applicable transactions are resource, overhead, outside processing and job close. COST_ELEMENT_ID indicates the cost element involved in the transaction for resource, outside processing, or overhead. BASIS_RESOURCE_ID is populated for resource–based overhead charges and indicates the resource ID associated with the overhead charged. BASIS_UNITS is also applicable only to resource–based overhead charges and indicates the units (value or quantity) of the basis resource that was used as the charge factor. LEVEL_TYPE is the current level for all transactions other than job close transactions.

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
WIP_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost group Identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost type Identifier
TRANSACTION_ID	NOT NULL	NUMBER	WIP transaction Identifier
LEVEL_TYPE	NOT NULL	NUMBER	Level type
COST_ELEMENT_ID	NOT NULL	NUMBER	Cost element identifier
RESOURCE_ID	NULL	NUMBER	Resource, overhead or outside processing Identifier
BASIS_RESOURCE_ID	NULL	NUMBER	Resource Identifier with which the overhead is associated
TRANSACTION_COSTED_DATE	NULL	DATE	Date this record was processed
ACTUAL_COST	NULL	NUMBER	Per unit cost of the transaction
ACTUAL_VALUE	NULL	NUMBER	Extended cost of the transaction
BASIS_TYPE	NULL	NUMBER	Basis type
BASIS_UNITS	NULL	NUMBER	Basis units
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	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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

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Indexes

Index Name	Index Type	Sequence	Column Name
WIP_PAC_ACTUAL_COST_DETAILS_N1	NOT UNIQUE	0	PAC_PERIOD_ID
		2	COST_GROUP_ID

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WIP_PAC_PERIOD_BALANCES

Stores the WIP balances for all entities within a cost group by period. Values are stored by WIP_ENTITY_ID, LINE_ID and OPERATION_SEQ_NUM. The IN columns represent value charged to the entity by material issues, resource charges or overhead charges. The OUT columns represent the value relieved from the entity by scrap or completions. The VAR columns usually represent the difference between IN and OUT columns and are updated during period close for repetitive schedules and during job close for discrete jobs. For repetitive schedules, the values are stored at the repetitive line level by aggregating the charges by operation for every schedule.
OPERATION_COMPLETED_UNITS represents the quantity of assembly units that have moved past an operation.
RELIEVED_ASSEMBLY_UNITS represent the quantity of assembly units that are relieved from the operation due to completion or scrap.

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	PAC_PERIOD_ID
MTL_PARAMETERS	ORGANIZATION_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	WIP_ENTITY_ID OPERATION_SEQ_NUM

Column Descriptions

Name	Null?	Type	Description
PAC_PERIOD_ID	NOT NULL	NUMBER	Period Identifier
COST_GROUP_ID	NOT NULL	NUMBER	Cost group Identifier
COST_TYPE_ID	NOT NULL	NUMBER	Cost type Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP entity Identifier
LINE_ID	NULL	NUMBER	Repetitive line Identifier
OPERATION_SEQ_NUM	NOT NULL	NUMBER	WIP operation sequence number
OPERATION_COMPLETED_UNITS	NULL	NUMBER	Assembly units moved past this operation
RELIEVED_ASSEMBLY_UNITS	NULL	NUMBER	Assembly units that moved past and were relieved (completed, scrapped) from the operation
TL_RESOURCE_IN	NULL	NUMBER	This level resource charges accumulated
TL_RESOURCE_OUT	NULL	NUMBER	This level resource charges relieved
TL_OUTSIDE_PROCESSING_IN	NULL	NUMBER	This level outside processing charges accumulated
TL_OUTSIDE_PROCESSING_OUT	NULL	NUMBER	This level outside processing charges relieved
TL_OVERHEAD_IN	NULL	NUMBER	This level overhead charges accumulated

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Column Descriptions (Continued)

Name	Null?	Type	Description
TL_OVERHEAD_OUT	NULL	NUMBER	This level overhead charges relieved
PL_MATERIAL_IN	NULL	NUMBER	Previous level material charges accumulated
PL_MATERIAL_OUT	NULL	NUMBER	Previous level material charges relieved
PL_RESOURCE_IN	NULL	NUMBER	Previous level resource charges accumulated
PL_RESOURCE_OUT	NULL	NUMBER	Previous level resource charges relieved
PL_OVERHEAD_IN	NULL	NUMBER	Previous level overhead charges accumulated
PL_OVERHEAD_OUT	NULL	NUMBER	Previous level overhead charges relieved
PL_OUTSIDE_PROCESSING_IN	NULL	NUMBER	Previous level outside processing charges accumulated
PL_OUTSIDE_PROCESSING_OUT	NULL	NUMBER	Previous level outside processing charges relieved
PL_MATERIAL_OVERHEAD_IN	NULL	NUMBER	Previous level material overhead charges charges accumulated
PL_MATERIAL_OVERHEAD_OUT	NULL	NUMBER	Previous level material overhead charges relieved
TL_RESOURCE_TEMP	NULL	NUMBER	Temporary value storage column
TL_OUTSIDE_PROCESSING_TEMP	NULL	NUMBER	Temporary value storage column
TL_OVERHEAD_TEMP	NULL	NUMBER	Temporary value storage column
PL_MATERIAL_TEMP	NULL	NUMBER	Temporary value storage column
PL_MATERIAL_OVERHEAD_TEMP	NULL	NUMBER	Temporary value storage column
PL_RESOURCE_TEMP	NULL	NUMBER	Temporary value storage column
PL_OUTSIDE_PROCESSING_TEMP	NULL	NUMBER	Temporary value storage column
PL_OVERHEAD_TEMP	NULL	NUMBER	Temporary value storage column
TL_RESOURCE_VAR	NULL	NUMBER	This level resource charge variance (accumulated less relieved, recognized at period end or job close)
TL_OUTSIDE_PROCESSING_VAR	NULL	NUMBER	This level outside processing charge variance (accumulated less relieved, recognized at period end or job close)
TL_OVERHEAD_VAR	NULL	NUMBER	This level overhead charge variance (accumulated less relieved, recognized at period end or job close)
PL_MATERIAL_VAR	NULL	NUMBER	Previous level material charge variance (accumulated less relieved, recognized at period end or job close)
PL_MATERIAL_OVERHEAD_VAR	NULL	NUMBER	Previous level material overhead charge variance (accumulated less relieved, recognized at period end or job close)
PL_RESOURCE_VAR	NULL	NUMBER	Previous level resource charge variance (accumulated less relieved, recognized at period end or job close)
PL_OUTSIDE_PROCESSING_VAR	NULL	NUMBER	Previous level outside processing charge variance (accumulated less relieved, recognized at period end or job close)

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Column Descriptions (Continued)

Name	Null?	Type	Description
PL_OVERHEAD_VAR	NULL	NUMBER	Previous level overhead charge variance (accumulated less relieved, recognized at period end or job close)
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	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
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column
WIP_ENTITY_TYPE	NOT NULL	NUMBER	WIP entity type

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_PAC_PERIOD_BALANCES_U1	UNIQUE	0	PAC_PERIOD_ID
		2	COST_GROUP_ID
		4	ORGANIZATION_ID
		6	WIP_ENTITY_ID
		8	LINE_ID
		10	OPERATION_SEQ_NUM

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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

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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

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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

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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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_PARAMETERS_U1	UNIQUE	1	ORGANIZATION_ID

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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

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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

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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

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WIP_PURGE_TEMP

WIP_PURGE_TEMP temporarily stores information about jobs and schedules that are being purged. This information is deleted when the purge completes.

Column Descriptions

Name	Null?	Type	Description
GROUP_ID	NULL	NUMBER	Processing group Identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly identifier
REPETITIVE_SCHEDULE_ID	NULL	NUMBER	WIP repetitive schedule Identifier
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier for the assembly that the job or repetitive schedule creates
LINE_ID	NULL	NUMBER	WIP line Identifier
START_DATE	NULL	DATE	Date on which job or repetitive schedule is scheduled to start
COMPLETE_DATE	NULL	DATE	Last unit scheduled completion date
CLOSE_DATE	NULL	DATE	Date on which the job is closed or the repetitive schedule is set to Complete – No Charges or to Cancelled
STATUS_TYPE	NULL	NUMBER	Status of job or repetitive schedule
ORGANIZATION_ID	NULL	NUMBER	Organization Identifier

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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

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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

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Column Descriptions (Continued)

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

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

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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

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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

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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

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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

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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

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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

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WIP_REQ_OPERATION_COST_DETAILS

WIP_REQ_OPERATION_COST_DETAILS stores material costs earned by and relieved from a job in an average costing organization. This table is a child table of WIP_REQUIREMENT_OPERATIONS. This table stores applied and relieved material costs by cost element for each row in WIP_REQUIREMENT_OPERATIONS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
CST_COST_ELEMENTS	COST_ELEMENT_ID	COST_ELEMENT_ID
WIP_REQUIREMENT_OPERATIONS	WIP_ENTITY_ID OPERATION_SEQ_NUM INVENTORY_ITEM_ID	WIP_ENTITY_ID OPERATION_SEQ_NUM INVENTORY_ITEM_ID

Column Descriptions

Name	Null?	Type	Description
WIP_ENTITY_ID (PK)	NOT NULL	NUMBER	WIP job Identifier
OPERATION_SEQ_NUM (PK)	NOT NULL	NUMBER	Operation sequence number
INVENTORY_ITEM_ID (PK)	NOT NULL	NUMBER	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
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
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
APPLIED_MATL_VALUE	NULL	NUMBER	Actual value of material issued to WIP
RELIEVED_MATL_COMPLETION_VALUE	NULL	NUMBER	Material value relieved due to WIP completion
RELIEVED_MATL_SCRAP_VALUE	NULL	NUMBER	Material value relieved due to WIP scrap
RELIEVED_VARIANCE_VALUE	NULL	NUMBER	Value of variance relieved
TEMP_RELIEVED_VALUE	NULL	NUMBER	Temporary column used in completion cost implementation

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_REQ_OP_COST_DETAILS_U1	UNIQUE	2	WIP_ENTITY_ID
		4	OPERATION_SEQ_NUM
		6	INVENTORY_ITEM_ID
		8	COST_ELEMENT_ID

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WIP_SCHEDULE_GROUPS

WIP_SCHEDULE_GROUPS stores schedule groups for discrete jobs. You can assign your discrete jobs to schedule groups that you define. You can view information and submit report requests based on the schedule group. Information is entered into this table using the Schedule Groups window.

Column Descriptions

Name	Null?	Type	Description
SCHEDULE_GROUP_NAME	NOT NULL	VARCHAR2(30)	Schedule group name
SCHEDULE_GROUP_ID (PK)	NOT NULL	NUMBER	Schedule group Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
DESCRIPTION	NULL	VARCHAR2(240)	Description of the schedule group
INACTIVE_ON	NULL	DATE	Date on which the schedule group becomes inactive
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
PROGRAM_APPLICATION_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_ID	NULL	NUMBER	Enhanced Who column
PROGRAM_UPDATE_DATE	NULL	DATE	Enhanced Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
REQUEST_ID	NULL	NUMBER	Enhanced 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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_SCHEDULE_GROUPS_U1	UNIQUE	2	SCHEDULE_GROUP_ID
WIP_SCHEDULE_GROUPS_U2	UNIQUE	2	SCHEDULE_GROUP_NAME
		4	ORGANIZATION_ID

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WIP_SCRAP_VALUES

WIP_SCRAP_VALUES stores assembly scrap transaction cost information for jobs and schedules. Oracle Work in Process calculates this information as part of scrap transaction processing and inserts the values in this table. Oracle Work in Process updates these values as necessary when you perform cost updates. This table is also used when printing scrap transaction information on the Discrete Job and Repetitive Schedule Value reports.

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_MATERIAL_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
LEVEL_TYPE	CST_LEVEL	MFG_LOOKUPS
	1	This
	2	Previous

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID (PK)	NOT NULL	NUMBER	Transaction Identifier
LEVEL_TYPE (PK)	NOT NULL	NUMBER	Level of the cost
COST_ELEMENT_ID (PK)	NOT NULL	NUMBER	Cost element Identifier
COST_UPDATE_ID (PK)	NULL	NUMBER	Identifier of the cost update process that created the record
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
COST_ELEMENT_VALUE	NOT NULL	NUMBER	Value of the scrap transaction for the cost element
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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_SCRAP_VALUES_U1	UNIQUE	1	TRANSACTION_ID
		2	LEVEL_TYPE
		3	COST_ELEMENT_ID
		5	COST_UPDATE_ID

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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

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Column Descriptions (Continued)

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

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

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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

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Indexes

Index Name	Index Type	Sequence	Column Name
WIP_SHOP_FLOOR_STATUS_CODES_U1	UNIQUE	1	SHOP_FLOOR_STATUS_CODE
		2	ORGANIZATION_ID

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WIP_SO_ALLOCATIONS

WIP_SO_ALLOCATIONS stores both historical and current information on the relationship between specific supply entities (Work In Process discrete jobs) and specific demand entities (Sales Orders). This information is denormalized, summary data from the MTL_DEMAND table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
MTL_SALES_ORDERS	SALES_ORDER_ID	DEMAND_SOURCE_HEADER_ID
WIP_DISCRETE_JOBS	WIP_ENTITY_ID	WIP_ENTITY_ID

Column Descriptions

Name	Null?	Type	Description
ALLOCATION_ID (PK)	NOT NULL	NUMBER	Unique Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job or repetitive assembly Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
DEMAND_SOURCE_HEADER_ID	NOT NULL	NUMBER	Sales order Identifier
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Sales order line Identifier
USER_LINE_NUM	NULL	VARCHAR2(30)	User line number
DEMAND_SOURCE_DELIVERY	NULL	VARCHAR2(30)	Shipment Identifier
USER_DELIVERY	NULL	VARCHAR2(30)	User shipment
QUANTITY_ALLOCATED	NOT NULL	NUMBER	Quantity of the job allocated to supply the sales order line demand
QUANTITY_COMPLETED	NOT NULL	NUMBER	Quantity of the sales order line demand that the job has completed
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the job satisfies
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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_SO_ALLOCATIONS_N1	NOT UNIQUE	1	DEMAND_SOURCE_HEADER_ID
		2	ORGANIZATION_ID
		3	DEMAND_SOURCE_LINE
		4	DEMAND_SOURCE_DELIVERY
WIP_SO_ALLOCATIONS_U1	UNIQUE	1	ALLOCATION_ID
WIP_SO_ALLOCATIONS_U2	UNIQUE	1	WIP_ENTITY_ID
		2	ORGANIZATION_ID
		3	DEMAND_SOURCE_HEADER_ID
		4	DEMAND_SOURCE_LINE
		5	DEMAND_SOURCE_DELIVERY

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Sequences

Sequence	Derived Column
WIP_SO_ALLOCATIONS_S	ALLOCATION_ID

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WIP_SO_ALLOCATIONS_TEMP

WIP_SO_ALLOCATIONS_TEMP is a temporary table that holds information for online processing of linked discrete jobs and sales orders. Oracle Work in Process inserts records into this table from the Sales Orders window which is accessible from the Discrete Jobs window.

Column Descriptions

Name	Null?	Type	Description
ALLOCATION_ID	NOT NULL	NUMBER	Unique Identifier
WIP_ENTITY_ID	NOT NULL	NUMBER	WIP job unique Identifier
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
DEMAND_SOURCE_HEADER_ID	NOT NULL	NUMBER	Sales order Identifier
DEMAND_SOURCE_LINE	NULL	VARCHAR2(30)	Sales order line Identifier
USER_LINE_NUM	NULL	VARCHAR2(30)	User line number
DEMAND_SOURCE_DELIVERY	NULL	VARCHAR2(30)	Shipment identifier
USER_DELIVERY	NULL	VARCHAR2(30)	User shipment
QUANTITY_ALLOCATED	NOT NULL	NUMBER	Quantity of the job allocated to supply the sales order line demand
QUANTITY_COMPLETED	NOT NULL	NUMBER	Quantity of the sales order line demand the job has completed
DEMAND_CLASS	NULL	VARCHAR2(30)	Type of demand the job satisfies
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
GROUP_ID	NULL	NUMBER	Unique group processing Identifier
ACTION_CODE	NULL	VARCHAR2(30)	Action identifier
QUANTITY_CHANGED	NULL	NUMBER	Quantity changed
BOM_REVISION	NULL	VARCHAR2(3)	Bill of Materials revision
PRIMARY_ITEM_ID	NULL	NUMBER	Inventory item Identifier
REQUIREMENT_DATE	NULL	DATE	Requirement date
LINE_UOM	NULL	VARCHAR2(3)	Unit of Measure for sales order line

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WIP_TEMP_REPORTS

WIP_TEMP_REPORTS stores information used to generate Work in Process reports. Each row contains various key and sorting values used to provide a list of values matching the report submission criteria.

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
WIP_ENTITIES	WIP_ENTITY_ID	WIP_ENTITY_ID

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER	Organization Identifier
PROGRAM_SOURCE	NOT NULL	VARCHAR2(8)	Name of program that inserted record
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
INVENTORY_ITEM_ID	NULL	NUMBER	Inventory item Identifier
WIP_ENTITY_ID	NULL	NUMBER	WIP job or repetitive assembly Identifier
DESCRIPTION	NULL	VARCHAR2(240)	Descriptive text
ATTRIBUTE1	NULL	VARCHAR2(240)	Character column for generic use
ATTRIBUTE2	NULL	VARCHAR2(240)	Character column for generic use
ATTRIBUTE3	NULL	VARCHAR2(240)	Character column for generic use
ATTRIBUTE4	NULL	VARCHAR2(240)	Character column for generic use
ATTRIBUTE5	NULL	VARCHAR2(240)	Character column for generic use
ATTRIBUTE6	NULL	VARCHAR2(240)	Character column for generic use
KEY1	NULL	NUMBER	Numeric column for generic use
KEY2	NULL	NUMBER	Numeric column for generic use
KEY3	NULL	NUMBER	Numeric column for generic use
KEY4	NULL	NUMBER	Numeric column for generic use
KEY5	NULL	NUMBER	Numeric column for generic use
KEY6	NULL	NUMBER	Numeric column for generic use
DATE1	NULL	DATE	Date column for generic use
DATE2	NULL	DATE	Date column for generic use
DATE3	NULL	DATE	Date column for generic use
DATE4	NULL	DATE	Date column for generic use
DATE5	NULL	DATE	Date column for generic use
DATE6	NULL	DATE	Date column for generic use

Sequences

Sequence	Derived Column
WIP_TEMP_REPORTS_S	KEY2
WIP_TEMP_REPORTS_S	KEY3

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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

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Column Descriptions (Continued)

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

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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

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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.

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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 not costed). 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

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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

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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

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WIP_TXN_ALLOCATIONS

WIP_TXN_ALLOCATIONS stores resource transaction information for single resource cost transactions that transcend multiple repetitive schedules. Oracle Work in Process creates a row for each repetitive schedule it charges, along with the transaction Identifier from WIP_TRANSACTIONS and the primary and alternate unit of measure quantities. Oracle Work in Process allocates resource charges to repetitive schedules based on a FIFO algorithm that charges the oldest schedule first.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_REPETITIVE_SCHEDULES	REPETITIVE_SCHEDULE_ID	REPETITIVE_SCHEDULE_ID
WIP_TRANSACTIONS	TRANSACTION_ID	TRANSACTION_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 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
TRANSACTION_QUANTITY	NOT NULL	NUMBER	Transaction quantity
PRIMARY_QUANTITY	NOT NULL	NUMBER	Quantity transacted expressed in primary unit of measure
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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_TXN_ALLOCATIONS_U1	UNIQUE	1	TRANSACTION_ID
		2	REPETITIVE_SCHEDULE_ID
		3	ORGANIZATION_ID
WIP_TXN_ALLOCATIONS_U2	UNIQUE	1	REPETITIVE_SCHEDULE_ID
		2	TRANSACTION_ID
		3	ORGANIZATION_ID

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WIP_TXN_INTERFACE_ERRORS

WIP_TXN_INTERFACE_ERRORS contains information about errors encountered when Oracle Work in Process validates transaction information in the WIP_COST_TXN_INTERFACE and WIP_MOVE_TXN_INTERFACE tables. A single transaction can result in the creation of multiple error records. Each record contains the transaction Identifier, the message name, and the name of the column containing the error.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
WIP_COST_TXN_INTERFACE	TRANSACTION_ID	TRANSACTION_ID
WIP_MOVE_TXN_INTERFACE	TRANSACTION_ID	TRANSACTION_ID

Column Descriptions

Name	Null?	Type	Description
TRANSACTION_ID	NOT NULL	NUMBER	Transaction Identifier (record that failed to load, either WIP_COST_TXN_INTERFACE or WIP_MOVE_TXN_INTERFACE)
ERROR_MESSAGE	NOT NULL	VARCHAR2(240)	Error message explaining why transaction failed load process
ERROR_COLUMN	NULL	VARCHAR2(30)	Column which failed error validation
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

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_TXN_INTERFACE_ERRORS_N1	NOT UNIQUE	1	TRANSACTION_ID

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WIP_VALID_INTRAOPERATION_STEPS

WIP_VALID_INTRAOPERATION_STEPS stores information about enabled intraoperation steps (Queue, Run, To move, Reject, and Scrap). Each enabled intraoperation step requires a row. Since the Queue intraoperation step is automatically enabled for all operations, there is always at least one row in this table. The value SYSTEM appears in the column RECORD_CREATOR for the Queue step. User enabled intraoperation steps have the value USER. Oracle Work in Process uses this information to determine whether assemblies can be moved into or out of a particular intraoperation step.

Foreign Keys

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

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STEP_LOOKUP_TYPE	WIP_INTRAOPERATION_STEP	MFG_LOOKUPS
	1	Queue
	2	Run
	3	To move
	4	Reject
	5	Scrap

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER	Organization Identifier
RECORD_CREATOR (PK)	NOT NULL	VARCHAR2(6)	Creator of record (user or system)
STEP_LOOKUP_TYPE (PK)	NOT NULL	NUMBER	Intraoperation step 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
STEP_MEANING	NOT NULL	VARCHAR2(10)	Intraoperation step 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

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Column Descriptions (Continued)

Name	Null?	Type	Description
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
WIP_VALID_INTRAOP_STEPS_U1	UNIQUE	1	ORGANIZATION_ID
		2	RECORD_CREATOR
		3	STEP_LOOKUP_TYPE

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